# SECTION I

## PUBLISHED INTERNATIONAL APPLICATIONS

## DEMANDES INTERNATIONALES PUBLIÉES

(51) **Not classified / non classée**

(11) **WO 00/70928** (13) A2

(21) PCT/RU00/00180

(22) **17 May/mai 2000 (17.05.2000)**

(25) ru (26) ru

(30) 99110818 **18 May/mai 1999** RU **(18.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR OBTAINING AND ACCELERATING PLASMA AND PLASMA ACCELERATOR USING A CLOSED-CIRCUIT ELECTRON DRIFT
• PROCEDE DE FORMATION ET D'ACCELERATION DE PLASMA ET ACCELERATEUR DE PLASMA UTILISANT LE COURANT D'ELECTRONS EN CIRCUIT FERME

(71) **GOSUDARSTVENNOE UNITARNOE PREDPRIYATIE "VSEROSSYSKY ELEKTROTEKHNICHESKY INSTITUT IMENI V.I. LENINA"** [RU/RU]; Krasnokazarmennaya ul., 12, Moscow, 111250 (RU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72) **VLASOV, Matvei Anatolievich** (deceased / décédé).

(72, 75) **ERMILOV, Artur Nikolaevich** [RU/RU]; Matveevskaya ul., 6-93, Moscow, 119501 (RU). **ZHARINOV, Askold Vladimirovich** [RU/RU]; ul. Marshala Vasilevskogo, 3-1-32, Moscow, 123098 (RU). **KOVALENKO, Jury Alexeevich** [RU/RU]; Maly Kazenny per., 12-2-53, Moscow, 103064 (RU). **NOVICHKOV, Dmitry Nikolaevich** [RU/RU]; Chelyabinskaya ul., 25-258, Moscow, 105568 (RU). **VLASOVA, Ljudmila Sergeevna** (heiress of the deceased inventor / héritière de l'inventeur décédé) [RU/RU]; Malo-Moskovskaya ul., 2-2-139, Moscow, 129164 (RU).

(74) **SELIVANOVSKY, Sergo Alexeevich**; VEI, Patentno-Litsenzionny Otdel, Krasnokazarmennaya ul., 12, Moscow, 111250 (RU).

(81) CN JP US.

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

---

(51)[7] **A01D 34/416, 34/00**

(11) **WO 00/70929** (13) A1

(21) PCT/FR00/01332

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06598 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOISE REDUCING CUTTING WIRE FOR BUSH CUTTER AND HEDGE-TRIMMER
• FIL DE COUPE SILENCIEUX POUR DEBROUSSAILLEUSES ET TAILLE-BORDURES

(71) **SPEED FRANCE** [FR/FR]; Parc d'Activités d'Arnas, 53, rue de Chavanne, F-69658 Arnas (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEGRAND, Emmanuel** [FR/FR]; Le Bourg, F-01480 Villeneuve (FR).

(74) **BRATEL, Gérard** et al. / etc.; Cabinet Germain & Maureau, Boîte postale 6153, F-69466 Lyon Cedex 06 (FR).

(81) AU CA US.

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

---

(51)[7] **A01D 41/12, A01B 79/00**

(11) **WO 00/70930** (13) A1

(21) PCT/GB99/02307

(22) **16 Jul/juil 1999 (16.07.1999)**

(25) en (26) en

(30) 9912020.6 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVEMENTS IN YIELD MAPPING
• AMELIORATIONS RELATIVES A L'ETABLISSEMENT DES CARTES DE RENDEMENT

(71) **AGCO LIMITED** [GB/GB]; Banner Lane, P.O. Box 62, Coventry CV4 9GF (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOORE, Mark, Ramon** [GB/GB]; Holly Cottage, School Lane, Lower Brailes, Banbury, Oxfordshire OX15 5HP (GB).

(74) **ELSWORTH, Dominic, Stephen**; AGCO Limited, Banner Lane, P.O. Box 62, Coventry CV4 9GF (GB).

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

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

---

(51)[7] **A01D 43/00, C12P 21/00, C07K 14/415**

(11) **WO 00/70931** (13) A1

(21) PCT/EP00/04313

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 003487 **19 May/mai 1999** GE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING STRESS PROTEINS FROM VEGETABLE MATERIAL AND HARVESTING MACHINE FOR IMPLEMENTING SAID METHOD
• PROCEDE DE PRODUCTION DE PROTEINES DU STRESS A PARTIR DE MATIERES VEGETALES ET MOISSONNEUSE POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) **IBRTN INSTITUT FÜR BIO-RATIONALE TECHNOLOGIE NORDHORN GMBH** [DE/DE]; Van-Delden-Strasse 1-7, D-48529 Nordhorn (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JALIASHVILI, Tengiz** [GE/DE]; Stadtgracht 1, D-48529 Nordhorn (DE). **JALIASHVILI, Nata** [GE/DE]; Stadtgracht 1, D-48529 Nordhorn (DE).

(74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstr. 58, D-80538 München (DE).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A01D 43/00, C12P 21/00, C07K 14/415**

(11) **WO 00/70932** (13) A1

(21) PCT/GE00/00003

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) A 1999 003487 **19 May/mai 1999** GE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR INDUCTION SYNTHESIS OF HEAT STRESS PROTEINS

(HSP) & PRODUCTION FROM HERBACEOUS PLANTS

- PROCEDES D'INDUCTION DE LA SYNTHESE DES PROTEINES SUBISSANT UN STRESS THERMIQUE (HSP) ET PROCEDE DE PRODUCTION A PARTIR DE PLANTES HERBACEES

**JALIASHVILI, Tengiz, A.** [GE/GE]; 7 app., 21 Gribojedov St., Tbilisi, 380007 (GE).

(72) **JALIASHVILI, Nato, T.**; 7 app., 21 Gribojedov St., Tbilisi, 380007 (GE).

(74) **DARAKHVELIDZE, Liliana**; 4 app., 4 Taktakishvili St., Tbilisi, 380079 (GE).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A01H 5/00, 5/10, 5/08, 1/04**

(11) **WO 00/70933** (13) A1

(21) PCT/US00/14071

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/320,515 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- POLLENIZER PLANTS FOR USE IN THE PRODUCTION OF SEEDLESS WATERMELON
- PLANTES POLLINISATRICES UTILISEES POUR PRODUIRE DES PASTEQUES SANS PEPINS

(71) **SUNSEEDS, INC.** [US/US]; 18640 Sutter Boulevard, Morgan Hill, CA 95038 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ELMSTROM, Gary, W.** [US/US]; 601 Hollister Road, Woodland, CA 95695 (US).

(74) **LAWRENCE, William, F.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A01K 1/00 // 1/12**

(11) **WO 00/70934** (13) A1

(21) PCT/SE00/01014

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9901859-0 **21 May/mai 1999** SE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- ANIMAL STALL WITH GATE ADAPTED FOR GOADING THE ANIMAL
- STALLE POUR ANIMAL MUNIE DE BARRIERES CONÇUES POUR POUSSER L'ANIMAL

(71) **DELAVAL HOLDING AB** [SE/SE]; Box 39, S-147 21 Stockholm (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SJÖLUND, Hans, Martin** [SE/SE]; Hälsingegatan 11, S-113 23 Stockholm (SE).

(74) **ALBIHNS PATENTBYRÅ STOCKHOLM AB**; P.O. Box 5581, S-114 85 Stockholm (SE).

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

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

---

(51)[7] **A01K 1/01**

(11) **WO 00/70935** (13) A1

(21) PCT/NL00/00310

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 1012139 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- AN UNMANNED VEHICLE ADAPTED TO BE USED IN A STABLE, SUCH AS A COWSHED
- VEHICULE SANS CONDUCTEUR CONÇU POUR ETRE UTILISE PAR EXEMPLE DANS UNE ETABLE

(71) **LELY RESEARCH HOLDING AG** [CH/CH]; 20 Bützenweg, CH-6300 Zug (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN DEN BERG, Karel** [NL/NL]; Boterbloemstraat 5, NL-2971 BR Bleskensgraaf (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; Weverskade 10, NL-3155 PD Maasland (NL).

(81) AU CA JP US.

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

---

(51)[7] **A01K 1/01**

(11) **WO 00/70936** (13) A1

(21) PCT/NL00/00312

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 1012141 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- AN UNMANNED VEHICLE ADAPTED TO BE USED IN A STABLE, SUCH AS A COWSHED
- VEHICULE TELEGUIDE CONÇU POUR ETRE UTILISE DANS UNE ETABLE

(71) **LELY RESEARCH HOLDING AG** [CH/CH]; 20 Bützenweg, CH-6300 Zug (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN DEN BERG, Karel** [NL/NL]; 5 Boterbloemstraat, NL-2971 BR Bleskensgraaf (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; 10 Weverskade, NL-3155 PD Maasland (NL).

(81) AU CA JP US.

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

---

(51)[7] **A01K 1/01**

(11) **WO 00/70937** (13) A1

(21) PCT/NL00/00313

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 1012142 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- AN UNMANNED VEHICLE FOR DISPLACING MANURE
- VEHICULE SANS CONDUCTEUR POUR DEPLACER LE FUMIER

(71) **LELY RESEARCH HOLDING AG** [CH/CH]; 20 Bützenweg, CH-6300 Zug (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN DEN BERG, Karel** [NL/NL]; Boterbloemstraat 5, NL-2971 BR Bleskensgraaf (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; Weverskade 10, NL-3155 PD Maasland (NL).

(81) AU CA JP NZ US.

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

---

(51)[7] **A01K 1/01**

(11) **WO 00/70938** (13) A1

(21) PCT/NL00/00314

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 1012143 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN UNMANNED VEHICLE FOR DISPLACING MANURE
• VEHICULE TELEGUIDE DE DEPLACEMENT DE FUMIER

(71) **LELY RESEARCH HOLDING AG** [CH/CH]; 20 Bützenweg, CH-6300 Zug (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN DEN BERG, Karel** [NL/NL]; 5 Boterbloemstraat, NL-2971 BR Bleskensgraaf (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; 10 Weverskade, NL-3155 PD Maasland (NL).

(81) AU CA JP NZ US.

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

---

(51)[7] **A01K 1/015**

(11) **WO 00/70939** (13) A1

(21) PCT/NL00/00311

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 1012140 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN UNMANNED VEHICLE ADAPTED TO BE USED IN A STABLE
• VEHICULE TELEGUIDE CONÇU POUR ETRE UTILISE DANS UNE ETABLE

(71) **LELY RESEARCH HOLDING AG** [CH/CH]; 20 Bützenweg, CH-6300 Zug (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN DEN BERG, Karel** [NL/NL]; Boterbloemstraat 5, NL-2971 BR Bleskensgraaf (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; Weverskade 10, NL-3155 PD Maasland (NL).

(81) AU CA JP US.

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

---

(51)[7] **A01K 23/00**

(11) **WO 00/70940** (13) A1

(21) PCT/IT00/00189

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) CL99A000004 **20 May/mai 1999** IT **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR COLLECTING SOLID AND LIQUID ANIMAL EXCREMENT IN PARTICULAR FROM DOGS
• DISPOSITIF POUR RECUEILLIR LES EXCRÉMENTS SOLIDES OU LIQUIDES D'ANIMAUX, EN PARTICULIER DE CHIENS

(71, 72) **FALZONE, Cataldo** [IT/IT]; Via Mimiani, 21, I-93017 San Cataldo (IT).

(81) AE AT AU CA CN DK ES GB IL JP LU MA NZ PL PT RU SE US.

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

---

(51)[7] **A01K 29/00, 1/00**

(11) **WO 00/70941** (13) A1

(21) PCT/NL00/00308

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 1012137 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN UNMANNED VEHICLE TO BE USED IN A STABLE OR A MEADOW
• VEHICULE SANS CONDUCTEUR S'UTILISANT DANS UNE ECURIE OU UN PRE

(71) **LELY RESEARCH HOLDING AG** [CH/CH]; Bützenweg 20, CH-6300 Zug (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN DEN BERG, Karel** [NL/NL]; Boterbloemstraat 5, NL-2971 BR Bleskensgraaf (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; Weverskade 10, NL-3155 PD Maasland (NL).

(81) AU CA JP US.

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

---

(51)[7] **A01K 29/00, 1/00**

(11) **WO 00/70942** (13) A1

(21) PCT/NL00/00309

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 1012138 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A VEHICLE FOR DETERMINING THE CLIMATE
• VEHICULE PERMETTANT DE DETERMINER LE CLIMAT

(71) **LELY RESEARCH HOLDING AG** [CH/CH]; 20 Bützenweg, CH-6300 Zug (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GEERTS, Franciscus, Theodorus, Cornelis** [NL/NL]; 7 Reedijk, NL-5066 CS Moergestel (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; 10 Weverskade, NL-3155 PD Maasland (NL).

(81) AU CA JP US.

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

---

(51)[7] **A01K 63/04**

(11) **WO 00/70943** (13) A1

(21) PCT/FR00/00993

(22) **17 Apr/avr 2000 (17.04.2000)**

(25) fr (26) fr

(30) 99/06567 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR IMPROVING CONDITIONS IN CLOSED CIRCUIT FISH FARMING
• PROCEDE D'AMELIORATION DES CONDITIONS D'ELEVAGE DE POISSONS EN CIRCUIT FERME

(71) **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CRISINEL, Pascal** [FR/FR]; 8, rue André Leroi Gourhan, F-78280 Guyancourt (FR). **PROST, Lucie** [FR/FR]; 13, rue Cassette, F-75006 Paris (FR). **BON, Lionel** [FR/FR]; Nata, Le Bon Port, B.P. 305, F-85330 Noirmoutier (FR).

(74) **MELLUL-BENDELAC, Sylvie**; Service Propriété Intellectuelle, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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

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

---

(51)[7] **A01K 67/00, G01N 33/00, C12P 21/00**

(11) **WO 00/70944** (13) A1

(21) PCT/US00/14302

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/316,093 **24 May/mai 1999** US **(24.05.1999)**

(30) Not furnished / non communiqué **12 May/mai 2000** US **(12.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GENETICALLY DEFINED ANIMAL MODELS AND GENETIC MARKERS FOR ESTROGEN-INDUCED CANCER
• MODELES ANIMAUX DEFINIS GENETIQUEMENT ET MARQUEURS GENETIQUES DE CANCER INDUIT PAR OESTROGENES

(71) **BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA** [US/US]; Regents Hall, 3835 Holdrege Street, Lincoln, NE 68598 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHULL, James, D.** [US/US]; 659 J.E. George Boulevard, Omaha, NE 68132-1963 (US).

(74) **REED, Janet, E.** et al. / etc.; Saul, Ewing, Remick & Saul LLP, Centre Square West, 1500 Market Street, 38th floor, Philadelphia, PA 19102-2186 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP

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

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

---

(51)[7] **A01K 67/027**

(11) **WO 00/70945** (13) A2

(21) PCT/EP00/04371

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/135,084 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FATTY ACID ELONGATION GENES AND USES THEREOF
• GENES IMPLIQUES DANS L'ALLONGEMENT DES CHAINES D'ACIDES GRAS ET UTILISATIONS ASSOCIEES

(71) **KAROLINSKA INNOVATIONS AB** [SE/SE]; S-171 77 Stockholm (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JACOBSSON, Anders** [SE/SE]; The Wenner-Gren Institute, Animal Physiology, Arrhenius Laboratories F3, Stockholm University, S-109 61 Stockholm (SE). **ASADI, Abulfazl** [SE/SE]; The Wenner-Gren Institute, Animal Physiology, Arrhenius Laboratories F3, Stockholm University, S-109 61 Stockholm (SE). **WESTERBERG, Rolf** [SE/SE]; The Wenner-Gren Institute, Animal Physiology, Arrhenius Laboratories F3, Stockholm University, S-109 61 Stockholm (SE). **NEDERGAARD, Jan** [DK/SE]; The Wenner-Gren Institute, Animal Physiology, Arrhenius Laboratories F3, Stockholm University, S-109 61 Stockholm (SE). **TVRDIK, Petr** [CZ/US]; Mario R Capecchi Laboratory, Howard Hughes Medical Institute, University of Utah, Suite 5440, 15 North 2030 East, Salt Lake City, UT 84112-5331 (US).

(74) **WALTON, Seán, M.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

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

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

---

(51)[7] **A01K 85/00, 85/02, 85/08**

(11) **WO 00/70946** (13) A1

(21) PCT/GB00/01776

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 9911850.7 **22 May/mai 1999** GB **(22.05.1999)**

(30) 9918564.7 **7 Aug/août 1999** GB **(07.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FISH ATTRACTING MEANS
• MOYENS D'APPAT POUR POISSONS

(71) **SEEU LIMITED** [GB/GB]; 37 Victoria Street, Douglas IM1 2LF, Isle of Man (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEATHER, Terence, Henry** [GB/GB]; Wilton Cottage, Smeale Road, Andreas IM7 4JA, Isle of Man (GB).

(74) **PIDGEON, Robert, John** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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

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

---

(51)[7] **A01K 85/00**

(11) **WO 00/70947** (13) A1

(21) PCT/US00/13963

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/315,939 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BAITS WITH ELECTROLYTE MIXTURES
• APPATS AVEC MELANGES ELECTROLYTIQUES

(71) **BERKLEY INC.** [US/US]; 1900 18th Street, Spirit Lake, IA 51360 (US).

(72) **JONES, Keith**; 903 26th Street, Spirit Lake, IA 51360 (US).

(74) **JOHNSON, Lance** et al. / etc.; Roylance, Abrams, Berdo & Goodman, LLP, 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

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

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

---

(51)[7] **A01K 89/017, 89/0165, 91/18**

(11) **WO 00/70948** (13) A1

(21) PCT/AU00/00488

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 31216/99 **24 May/mai 1999** AU **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A FISHING LINE REWINDING APPARATUS
• DISPOSITIF DE REMBOBINAGE DE LIGNES DE PECHE

(71, 72) **STOCKHAM, Ian, Bruce** [AU/AU]; 25 Coronation Street, Ayr, QLD 4807 (AU).

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

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

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

---

(51)[7] **A01N 31/00, 31/14, 33/02, 35/00, 43/08, 55/08, A61K 31/045, 31/075, 31/12, 31/135, 31/34**

(11) **WO 00/70949** (13) A1

(21) PCT/US00/13929

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,856 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR USING SOLUBLE CURCUMIN TO INHIBIT PHOSPHORYLASE KINASE IN INFLAMMATORY DISEASES
• METHODE D'UTILISATION DE CURCUMIN SOLUBLE POUR INHIBER UNE PHOSPHORYLASE KINASE DANS DES MALADIES INFLAMMATOIRES

(71, 72) **HENG, Madalene, C., Y.** [US/US]; 17632 Vincennes Street, Northridge, CA 91325 (US).

(74) **FARBER, Michael, B.**; Oppenheimer Wolff & Donnelly LLP, 2029 Century Park East, Los Angeles, CA 90067 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

---

(51)[7] **A01N 37/00, 37/02, 65/00**

(11) **WO 00/70950** (13) A1

(21) PCT/US00/13460

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,482 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD OF CONTROLLING POWDERY MILDEW INFECTIONS OF PLANTS USING JOJOBA WAX
• METHODE D'ELIMINATION DES AFFECTIONS DUES AU BLANC DE PLANTES A L'AIDE DE CIRE DE JOJOBA

(71) **IJO PRODUCTS, LLC** [US/US]; Bruce M. Brown, Wild, Carter and Tipton, 246 West Shaw Avenue, P.O. Box 16339, Fresno, CA 93755-6339 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARIONI, Donald, V., Jr.** [US/US]; 1246 Pepper Drive, El Centro, CA 92244 (US). **HICKS, Scott, C.** [US/US]; 4064 West Paul Avenue, Fresno, CA 93722 (US). **SIEMER, Sydney, R.** [US/US]; 2882 West Locust Avenue, Fresno, CA 93711 (US).

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

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

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

---

(51)[7] **A01N 37/02, 37/16, 59/00**

(11) **WO 00/70951** (13) A1

(21) PCT/US00/04597

(22) **23 Feb/fév 2000 (23.02.2000)**

(25) en (26) en

(30) 09/317,320 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF PROTECTING GROWING PLANTS FROM THE EFFECTS OF PLANT PATHOGENS
• PROCEDE DE PROTECTION DE PLANTES EN COURS DE CROISSANCE CONTRE LES EFFETS D'AGENTS PATHOGENES DES PLANTES

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

(72) **HEI, Robert, D., P.**; 2224 30th Avenue, Baldwin, WI 54022 (US).

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

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

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

---

(51)[7] **A01N 43/70 // (A01N 43/70, 37:34)**

(11) **WO 00/70952** (13) A1

(21) PCT/US00/12534

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/317,751 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BIOCIDAL COMPOSITION
• COMPOSITION BIOCIDE

(71) **CREANOVA, INC.** [US/US]; 220 Davidson Avenue, Somerset, NJ 08873 (US).

(72) **WINKOWSKI, Karen**; 100 Maple Avenue, Highland Park, NJ 08904 (US). **TSAO, Techen**; 7702 Jefferson Place Boulevard, Apt. D, Baton Rouge, LA 70809 (US).

(74) **CINAMON, Jay, S.**; Abelman Frayne & Schwab, 150 East 42nd Street, New York, N.Y. 10017-5612 (US).

(81) AU BR CA SG.

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

Published / Publiée : *(c)*

---

(51)[7] **A01N 47/12 // (A01N 47/12, 37:34)**

(11) **WO 00/70953** (13) A1

(21) PCT/US00/12535

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/317,751 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYNERGISTIC COMPOSITION OF BIOCIDES
• COMPOSITION SYNERGIQUE CONSTITUEE DE BIOCIDES

(71) **CREANOVA, INC.** [US/US]; 220 Davidson Avenue, Somerset, NJ 08873 (US).

(72) **WINKOWSKI, Karen**; 100 Maple Avenue, Highland Park, NJ 08904 (US). **TSAO, Techen**; 7702 Jefferson Place Boulevard, Apt. D, Baton Rouge, LA 70809 (US).

(74) **CINAMON, Jay, S.**; Abelman, Frayne & Schwab, 150 East 42nd Street, New York, NY 10017-5612 (US).

(81) AU BR CA SG.

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

Published / Publiée : *(c)*

---

(51)[7] **A01N 63/00**

(11) **WO 00/70954** (13) A1

(21) PCT/US00/12608

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/316,483 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD OF INHIBITING FRUIT SET ON FRUIT PRODUCING PLANTS USING AN AQUEOUS EMULSION OF EICOSENYL EICOSENOATE AND DOCOSENYL EICOSENOATE
• METHODE PERMETTANT D'INHIBER LA MISE A FRUIT DE PLANTES A FRUITS A L'AIDE D'UNE EMULSION D'EICOSENOATE D'EICOSENYLE ET D'EICOSENOATE DE DOCOSENYLE

(71) **IJO PRODUCTS, LLC** [US/US]; 246 West Shaw Avenue, Suite 154, Fresno, CA 93704 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HICKS, Scott, C.** [US/US]; 4064 W. Paul Avenue, Fresno, CA 93722 (US). **SIEMER, Sidney, R.** [US/US]; 2882 W. Locust Avenue, Fresno, CA 93711 (US). **BARIONI, Donald, V., Jr.** [US/US]; 1246 Pepper Drive, El Centro, CA 92244 (US). **PETERSON, John** [US/US]; 3535 W. Cortland, Fresno, CA 93722 (US).

(74) **WEBER, Kenneth, A.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

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

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

---

(51)[7] **A01N 65/00**

(11) **WO 00/70955** (13) A1

(21) PCT/US00/13678

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,152 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR CONTROLLING *SPHAEROTHECA PANNOSSA* INFECTIONS OF ROSE PLANTS USING WAX ESTERS
• PROCEDE DE TRAITEMENT DES INFECTIONS DES ROSIERS PAR LE SPHAEROTHECA PANNOSSA A L'AIDE D'ESTERS CIREUX

(71) **IJO PRODUCTS, LLC** [US/US]; c/o Brown, Bruce, M., Wild, Carter & Tipton, 246 West Shaw Avenue, P.O. Box 16339, Fresno, CA 93755-6339 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SIEMER, Sidney, R.** [US/US]; 2882 W. Locust Avenue, Fresno, CA 93711 (US). **BARIONI, Donald, V., Jr.** [US/US]; 1246 Pepper Drive, El Centro, CA 92244 (US).

(72, 75) **HICKS, Scott, C.** [US/US]; 4064 W. Paul Avenue, Fresno, CA 93722 (US).

(74) **WEBER, A., Kenneth** et al. / etc.; Townsend And Townsend And Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

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

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

---

(51)[7] **A21D 2/18, A23L 1/30, C12F 3/06, A23J 1/16**

(11) **WO 00/70956** (13) A1

(21) PCT/JP00/03255

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/144186 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR PRODUCING FOOD CONTAINING CEREAL FLOUR AS THE MAIN COMPONENT AND MALT CAKE TO BE USED AS SIDE COMPONENT OF THE FOOD
• PROCEDE DE PRODUCTION D'UN ALIMENT CONTENANT DE LA FARINE DE CEREALE EN TANT QU'INGREDIENT PRINCIPAL ET GALETTE DE MALT A UTILISER EN TANT QU'INGREDIENT SECONDAIRE DUDIT ALIMENT

(71, 72) **SEKIGUCHI, Hideyo** [JP/JP]; 44-18, Miwa 8-chome, Nagano-shi, Nagano 380-0803 (JP).

(74) **WATANUKI, Takao**; CreA Center Building, 12-9, Nakagosho 3-chome, Nagano-shi, Nagano 380-0935 (JP).

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

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

---

(51)[7] **A22B 7/00**

(11) **WO 00/70957** (13) A1

(21) PCT/NL00/00337

(22) **17 May/mai 2000 (17.05.2000)**

(25) nl (26) en

(30) 1012132 **21 May/mai 1999** NL **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR POSITIONING THE FRONT LEGS OF A CARCASS OF A SLAUGHTERED ANIMAL SUSPENDED FROM THE HIND LEGS
• PROCEDE ET APPAREIL DE POSITIONNEMENT DES PATTES AVANT D'UNE CARCASSE D'ANIMAL ABATTU SUSPENDU PAR LES PATTES ARRIERES

(71) **STORK MPS B.V.** [NL/NL]; Albert Schweitzerstraat 33, NL-7131 PG Lichtenvoorde (NL). **POST, Gerard, Jan** [NL/NL]; Dublinstraat 25, NL-7559 KG Hengelo (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PARDIJS, Hendrik, Jan** [NL/NL]; Koekoekstraat 4, NL-7102 AZ Winterswijk (NL).

(74) **VAN DEN HEUVEL, Henricus, Theodorus**; Octrooibureau LIOC, P.O. Box 1514, NL-5200 BN 's-Hertogenbosch (NL).

(81) JP US.

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

---

(51)[7] **A22C 29/02**

(11) **WO 00/70958** (13) A1

(21) PCT/US00/08017

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(30) 09/317,003 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTOMATED METHOD AND APPARATUS FOR THE EXTRACTION OF EDIBLE PRODUCTS FROM CRAWFISH AND SIMILAR CRUSTACEANS
• PROCEDE ET APPAREIL AUTOMATISES POUR L'EXTRACTION DE PRODUITS COMESTIBLES DE LA LANGOUSTE ET DE CRUSTACES SIMILAIRES

(71, 72) **COWSAR, Thomas, C.** [US/US]; 1117 South Sybil Ave., Gonzales, LA 70737 (US). **WAID, Margaret, Cowsar** [US/US]; 1117 South Sybil Ave., Gonzales, LA 70737 (US).

(74) **GILBRETH, J., M. (Mark)**; Gilbreth & Strozier, P.C., 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 HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

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

---

(51)[7] **A23G 3/00, 1/00**

(11) **WO 00/70959** (13) A1

(21) PCT/FR00/01368

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06480 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FOOD PRODUCT COMPRISING A SOLID MASS BASED ON CHOCOLATE OR THE LIKE IN CONTACT WITH AN AQUEOUS PHASE
• PRODUIT ALIMENTAIRE COMPRENANT UNE MASSE SOLIDE A BASE DE CHOCOLAT OU ANALOGUE EN CONTACT AVEC UNE PHASE AQUEUSE

(71) **LU** [FR/FR]; Z.I. du Bois de l'Epine, Avenue Ambroise Croizat, F-91130 Ris Orangis (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LOISEL, Christophe** [FR/FR]; 37, Orée de Soisy, F-91450 Soisy-sur-Seine (FR). **RABAULT, Jean-Luc** [FR/FR]; 16, Hameau de la Gondole, F-91650 Breuillet (FR). **WARIN, Françoise** [FR/FR]; 4, Allée de Chevreuse, F-92200 Bagneux (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A23G 3/00, 1/00**

(11) **WO 00/70960** (13) A1

(21) PCT/FR00/01387

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06481 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FOOD PRODUCT COMPRISING A SOLID MASS BASED ON CHOCOLATE OR THE LIKE IN CONTACT WITH A HUMID MASS
• PRODUIT ALIMENTAIRE COMPRENANT UNE MASSE SOLIDE A BASE DE CHOCOLAT OU ANALOGUE EN CONTACT AVEC UNE MASSE HUMIDE

(71) **COMPAGNIE GERVAIS DANONE** [FR/FR]; 126/130 rue Jules Guesde, F-92300 Levallois-Perret (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RABAULT, Jean-Luc** [FR/FR]; 16, Hameau de la Gondole, F-91650 Breuillet (FR). **WARIN, Françoise** [FR/FR]; 4, Allée de Chevreuse, F-92200 Bagneux (FR). **LOISEL, Christophe** [FR/FR]; 37, Orée de Soisy, F-91450 Soisy-sur-Seine (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

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

---

(51)[7] **A23G 9/00**

(11) **WO 00/70961** (13) A1

(21) PCT/US00/13825

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,063 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVEMENTS IN FEEDING AND CONTROLLING PRODUCT PRE-MIX IN SEMI-FROZEN FOOD DISPENSING MACHINES
• AMELIORATIONS DANS L'ALIMENTATION ET LE DOSAGE DE PRODUITS PRE-MELANGES DANS DES DISTRIBUTEURS D'ALIMENTS SEMI-CONGELES

(71) **SPECIALTY EQUIPMENT COMPANIES, INC.** [US/US]; 1245 Corporate Blvd., Suite 401, Aurora, IL 60504 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOYER, George, C.** [US/US]; 1242 Aldrin Road, Rockton, IL 61072 (US). **DUNCAN, David, C.** [US/US]; 2121 County Road, #143, Clearwater, MN 55320 (US).

(74) **DICK, William, J.**; Foley & Lardner, 777 East Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).

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

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

---

(51)[7] **A23G 9/12**

(11) **WO 00/70962** (13) A1

(21) PCT/US00/14029

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,063 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED BEATER/DASHER FOR SEMI-FROZEN, FROZEN FOOD DISPENSING MACHINES
• BATTEUR/BATTE A BEURRE AMELIORE POUR DISTRIBUTEURS DE PRODUITS CONGELES ET SEMI-CONGELES

(71) **SPECIALTY EQUIPMENT COMPANIES, INC.** [US/US]; 1245 Corporate Blvd., Suite 401, Aurora, IL 60504 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MESEROLE, Michael** [US/US]; 2301 S. River Road, Janesville, WI 53546 (US). **SCHWITTERS, Stephen, W.** [US/US]; 1128 Marigold Circle, Rockford, IL 61107 (US). **WOHLER, Jack, D.** [US/US]; 6601 Chartwell Drive, Rockton, IL 61114 (US).

(74) **DICK, William, J.**; Foley & Lardner, 777 East Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).

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

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

---

(51)[7] **A23G 9/16**

(11) **WO 00/70963** (13) A1

(21) PCT/US00/14035

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,063 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VALVE AND DOOR ASSEMBLY FOR A SEMI-FROZEN FOOD DISPENSING MACHINE
• ENSEMBLE PORTE ET ROBINET POUR DISTRIBUTEUR DE NOURRITURE SEMI-CONGELEE

(71) **SPECIALTY EQUIPMENT COMPANIES, INC.** [US/US]; 1245 Corporate Boulevard, Suite 401, Aurora, IL 60504 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOYER, George, C.** [US/US]; 1242 Aldrin Road, Rockton, IL 61072 (US). **MESEROLE, Michael** [US/US]; 2301 S. River Road, Janesville, WI 53546 (US). **MRUGALA, Ronald, J.** [US/US]; 3135 Talbot Trail, Rockford, IL 61111 (US).

(74) **DICK, William, J.**; Foley & Lardner, 777 East Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).

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

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

---

(51)[7] **A23L 1/054, 1/308, 1/30**

(11) **WO 00/70964** (13) A1

(21) PCT/EP00/04744

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99109916.9 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR INCREASING PROPIONATE IN THE GASTRO-INTESTINAL TRACT
• PROCEDE PERMETTANT D'AUGMENTER LE PROPIONATE DANS LES VOIES GASTRO-INTESTINALES

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

(72, 75) **JANN, Alfred** [CH/FR]; 255, rte de Pays de Gavot, F-74500 Publier (FR). **ARRIGONI, Eva** [CH/CH]; Mühlebachstr. 26, CH-8800 Thalwil (CH). **ROCHAT, Florence** [CH/CH]; Quartier des Tilleuls 6, CH-1820 Montreux (CH). **SCHMID, Daniel** [CH/CH]; 6, rue Orient-Ville, CH-1005 Lausanne (CH). **BAUCHE, Anne** [FR/CH]; Av. de la Sallaz 50, CH-1010 Lausanne (CH).

(74) **LOCK, Graham**; 55, Avenue Nestlé, CH-1800 Vevey (CH).

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

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

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

Published / Publiée : *(c)*

---

(51)[7] **A23L 1/182, A23P 1/08**

(11) **WO 00/70965** (13) A1

(21) PCT/HU00/00046

(22) **25 May/mai 2000 (25.05.2000)**

(25) hu (26) en

(30) P 9901719 **25 May/mai 1999** HU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OIL- AND POWDER-COATED RAW RICE AND METHODS FOR THE PREPARATION THEROF
• RIZ CRU RECOUVERT D'HUILE ET DE POUDRE ET PROCÉDÉS DE PRÉPARATION ASSOCIÉS

(71) **INWEST FOOD, HERB PRODUCTION AND PROCESSING LTD.** [HU/HU]; Alsóbene 240, H-6050 Lajosmizse (HU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GÁRDONYI, Zoltán** [HU/HU]; Alkony St. 72, H-6000 Kecskemét (HU). **LÉDER, Ferencné** [HU/HU]; Öv St. 65/b., H-1140 Budapest (HU).

(74) **DANUBIA**; Bajcsy-Zsilinszky St. 16, H-1051 Budapest (HU).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A23L 1/236, A23G 1/00, 3/30, 3/00**

(11) **WO 00/70966** (13) A1

(21) PCT/GB00/01914

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

(25) en (26) en

(30) 9911783.0 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EDIBLE COMPOSITIONS CONTAINING TREHALOSE
• COMPOSITIONS COMESTIBLES CONTENANT DU TREHALOSE

(71) **BRITISH SUGAR PLC** [GB/GB]; Oundle Road, Peterborough PE2 9QU (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COOPER, Julian, Michael** [GB/GB]; 3 Fen View, Toftwood, Dereham, Norfolk NR19 1LL (GB). **TIAN, Wei** [GB/GB]; Grey Gables, 53 School Lane, Little Melton, Norfolk NR9 3AE (GB).

(74) **JAMES, Anthony, Christopher, W., P.**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

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

---

(51)[7] **A23L 1/275, 1/0524, A61K 9/50**

(11) **WO 00/70967** (13) A1

(21) PCT/DK00/00270

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

(25) en (26) en

(30) 09/315,955 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A COLOURING SUBSTANCE COMPOSITION AND A METHOD OF MANUFACTURING SAME
• COMPOSITION DE SUBSTANCE COLORANTE ET PROCEDE DE FABRICATION DE CELLE-CI

(63) US 09/315,955 (CIP)
21 May/mai 1999 (21.05.1999)

(71) **CHR. HANSEN A/S** [DK/DK]; Boege Allé 10-12, DK-2970 Hoersholm (DK).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOEHLER, Klaus** [DK/DK]; Frederiksberg Allé 49, 1., DK-1820 Frederiksberg (DK). **JACOBSEN, Soeren, Jan** [DK/DK]; Roedegaard 4, 4. tv, DK-2300 Copenhagen S (DK). **SOENDERGAARD, Claus** [DK/DK]; Soeparken 72, Svogerslev, DK-4000 Roskilde (DK). **KENSOE, Martin** [DK/DK]; Landlystvej 65B, 1. th., DK-2650 Hvidovre (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

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

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

---

(51)[7] **A23L 1/30, A61K 9/08, 9/16**

(11) **WO 00/70968** (13) A1

(21) PCT/FR00/01371

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06750 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR MAKING PRODUCTS USED IN SEQUENTIAL MICRONUTRITION AND USES OF RESULTING PRODUCTS
• PROCEDE DE FABRICATION DE PRODUITS UTILISES EN MICRONUTRITION SEQUENTIELLE ET APPLICATIONS DES PRODUITS OBTENUS

(71) **SANTE NUTRITION SELECTION DIFFUSION S.A.R.L.** [FR/FR]; 10, rue de la Boétie, F-75008 Paris (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CAENAZZO, Elisabeth** [FR/FR]; 20, rue Guichard, F-94230 Cachan (FR).

(74) **BONNEAU, Gérard**; Cabinet Bonneau, 7, avenue Gazan, F-06600 Antibes (FR).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A23L 1/39, 1/24**

(11) **WO 00/70969** (13) A1

(21) PCT/EP00/04378

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/135,383 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MICROBIOLOGICALLY STABLE SAUCE EMULSION
• SAUCE EN EMULSION MICROBIOLOGIQUEMENT STABLE

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AG AU BB CA CY GB GD GH IE IL IN KE LK LS MN MW NZ SD SG SZ TT TZ UG ZA ZW)*

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

(71) **HINDUSTAN LEVER LTD.** [IN/IN]; Hindustan Lever House, 165-166 Backbay Reclamation, 400 020 Mumbai (IN).

*(only for / seulement pour IN)*

(72) **GIMELLI, Kenneth**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **BAUER, Roland**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **CARAVETTA, Dominic**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **KOCHAKJI, Daniel**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **LUTHER, Stephanie**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **MCKENNA, Raymond**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US).

(74) **WURFBAIN, Gilles**; Unilever N.V., Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

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

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

---

(51)[7] **A23L 1/39, 1/24**

(11) **WO 00/70970** (13) A1

(21) PCT/EP00/04382

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 60/135,384 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IONIC STABLE EMULSION SAUCE
• SAUCE EN ÉMULSION, IONIQUE ET STABLE

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AG AU BB CA CY GB GD GH IE IL IN KE LK LS MN MW NZ SD SG SZ TT TZ UG ZA ZW)*

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

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

(72) **BAUER, Roland**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **GIMELLI, Kenneth**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US).

(74) **WURFBAIN, Gilles**; Unilever N.V., Patent Department, Olivier Van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A23L 1/39, 1/40, 1/24**

(11) **WO 00/70971** (13) A1

(21) PCT/EP00/04383

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/135,382 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FUNCTIONALLY INTERDEPENDANT TWO COMPONENT COOKING SYSTEMS
• SYSTEME DE CUISSON A DEUX COMPOSANTS INTERDEPENDANTS DU POINT DE VUE FONCTIONNEL

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AG AU BB CA CY GB GD GH IE IL IN KE LK LS MN MW NZ SD SG SZ TT TZ UG ZA ZW)*

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

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

(72) **BAUER, Roland**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **GIMELLI, Kenneth**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **TRAY, Brigitha**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **KUIL, Bert**; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **VERHOEF, Nico**; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **DOAN, Stephanie**; Lipton, 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US).

(74) **WURFBAIN, Gilles**; Unilever N.V., Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A23L 2/52**

(11) **WO 00/70972** (13) A1

(21) PCT/SE00/01024

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9901856-6 **21 May/mai 1999** SE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW COMPOSITION
• NOUVELLE COMPOSITION

(71) **PROBI AB** [SE/SE]; Sölvegatan 41, S-223 70 Lund (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BERGGREN, Anna** [SE/SE]; Tulpanvägen 9, S-240 32 Flyinge (SE). **JOHANSSON, Marie, Louise** [SE/SE]; Flygelvägen 14, S-224 72 Lund (SE). **LARSSON, Kåre** [SE/SE]; Norra Villavägen 7B, S-237 34 Bjärred (SE). **LINDBERG, Anne-Marie** [SE/SE]; Källarekroken 6, S-226 47 Lund (SE). **WIKLANDER, Jörgen** [SE/SE]; Älta Strandväg 31, S-138 33 Älta (SE).

(74) **LARFELDT, Helene** et al. / etc.; Bergenstråhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A23L 3/44, G01N 1/28**

(11) **WO 00/70973** (13) A1

(21) PCT/JP00/03209

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/139197 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR FREEZE DRYING AND FREEZE-DRIED MATTER
• PROCEDE ET DISPOSITIF DE LYOPHILISATION ET MATERIAU LYOPHILISE

(71) **JAPAN as represented by DIRECTOR GENERAL OF NATIONAL AGRICULTURE RESEARCH CENTER, MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES** [JP/JP]; 1-1, Kannondai 3-chome, Tsukuba-shi, Ibaraki 305-8666 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **HORIGANE, Akira** [JP/JP]; 16-520-201, Matsushiro 5-chome, Tsukuba-shi, Ibaraki 305-0035 (JP).

(74) **YANAGIHARA, Shigeru**; Nishishinbashi Chuo Building, Suite 503, 15-8, Nishishinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AU CA CN JP KR US.

(84) EP (DE FR GB).

---

(51)[7] **A41C**

(11) **WO 00/70974** (13) A2

(21) PCT/US00/13518

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,831 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • KNIT CRISS-CROSS BRASSIERE, BLANK AND METHOD FOR MAKING SAME
• SOUTIEN-GORGE CROISE EN TRICOT, FLAN CORRESPONDANT ET PROCEDE DE FABRICATION ASSOCIE

(71) **ALBA-WALDENSIAN, INC.** [US/US]; P.O. Box 100, Valdese, NC 28690 (US).

(72) **MARLEY, Joel, Wayne, Jr.**; 3123 Mill Run Drive, Morganton, NC 28655 (US).

(74) **HILL, Donald, M., Jr.** et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234-4009 (US).

(81) CA JP MX.

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

---

(51)[7] **A41D 31/02, C08J 9/36, D06N 3/12 // C08L 27/18**

(11) **WO 00/70975** (13) A1

(21) PCT/US00/13904

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,226 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COATED MEMBRANE
• MEMBRANE REVETUE

(71) **GORE ENTERPRISE HOLDINGS, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US). **W.L. GORE & ASSOCIATES (UK) LTD.** [GB/GB]; Kirkton South Road, Kirkton Campus Livingston, West Lothian EH54 7BT (GB).

(72) **HALLEY, David**; Westerlie, Main Street, St. Boswells, Roxburghsire, Scottish Borders TD6 0AP (GB). **LEONE, Shawn**; 1551 Elk Forest Road, Elkton, MD 21921 (US). **VAUGHN, Travis**; 700 D-3 Westcreek Village Drive, Elkton, MD 21921 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A41H 1/02, G03B 15/00, G06F 19/00**

(11) **WO 00/70976** (13) A1

(21) PCT/US00/14476

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,166 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REMOTE PRODUCTION OF CUSTOMIZED CLOTHING
• FABRICATION A DISTANCE DE VETEMENTS PERSONNALISES

(71) **LEVI STRAUSS & CO.** [US/US]; 1155 Battery Street, San Francisco, CA 94111 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RAMSEY, Philip, J.** [US/US]; 2 Senter Drive, Brookline, NH 03033 (US). **RUDERMAN, Gerald, S.** [US/US]; 43 Kenilworth Road, Wellesley, MA 02181 (US). **PALMER, Bethe, M.** [US/US]; 159 Elm Street, Marblehead, MA 01945 (US).

(74) **MEDLEN, Virginia, S.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (US).

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

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

---

(51)[7] **A42B 1/04**

(11) **WO 00/70977** (13) A1

(21) PCT/US00/14131

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/320,058 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VISORED CAP
• CASQUE A VISIERE

(71, 72) **WHITE, Diane, H.** [US/US]; 214 Beckwith Hill Drive, Salem, CT 06420 (US).

(74) **NUZZO, Raymond, A.**; P.O. Box 120588, East Haven, CT 06512-0588 (US).

(81) AL AU BA BB BG BR CA CN CR CU CZ EE GE HR HU ID IL IN IS JP KP KR LC LK LR LS LT LV MG MK MN MW MX NZ PL PT RO SG SI SK SL TR TT UA UZ VN YU.

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

---

(51)[7] **A42B 3/22, A61F 9/04**

(11) **WO 00/70978** (13) A1

(21) PCT/SE00/00892

(22) **5 May/mai 2000 (05.05.2000)**

(25) sv (26) en

(30) 9901732-9 **11 May/mai 1999** SE **(11.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SAFETY VISOR
• VISIERE DE SECURITE

(71) **PELTOR AB** [SE/SE]; P.O. Box 2341, S-331 02 Värnamo (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FOLKESSON, Jan** [SE/SE]; N. Övergången 10, S-331 35 Värnamo (SE).

(74) **WALLENGREN, Yngvar** et al. / etc.; Patentbyrån Y Wallengren AB, P.O. Box 116, S-331 21 Värnamo (SE).

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

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

---

(51)[6] **A43B 3/02**

(11) **WO 00/70979** (13) A1

(21) PCT/GB99/01619

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVEMENTS IN BOOTS
• AMELIORATIONS RELATIVES A DES BOTTES

(71) **COUNTY FOOTWEAR (UK) LIMITED** [GB/GB]; Cornwall Road, Kettering, Northamptonshire NN16 8PR (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **MOORE, Ruth, Elizabeth** [AU/GB]; 18 Orton Road, Barton Seagrave, Northamptonshire NN15 6UJ (GB).

(74) **JONES, Stephen, Anthony**; Lewis & Taylor, 144 New Walk, Leicester LE1 7JA (GB).

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

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

---

(51)[7] **A43B 7/32, 13/41, 13/42, A41D 13/06**

(11) **WO 00/70980** (13) A1

(21) PCT/AU00/00483

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0446 **19 May/mai 1999** AU **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ARTICLE OF FOOTWEAR
• ARTICLE CHAUSSANT

(71) **BLUNDSTONE PTY LTD** [AU/AU]; 88 Gormanston Road, Moonah, TAS 7009 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN NIEKERK, Michael, Anthony** [AU/AU]; 12 Suncoast Drive, Blackmans Bay, TAS 7052 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, VIC 3004 (AU).

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

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

---

(51)[7] **A43B 13/18, 13/20**

(11) **WO 00/70981** (13) A1

(21) PCT/US00/14121

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,410 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SHOE SOLE CUSHION
• COUSSINET DE SEMELLE DE CHAUSSURE

(71) **NEW BALANCE ATHLETIC SHOE, INC.** [US/US]; 61 North Beacon Street, Boston, MA 01234 (US).

(72) **HARMON-WEISS, Edith, M.**; 25 Outlook Road, Swampscott, MA 01907 (US). **MAUCERI, David, A.**; 39 Arrowwood Street, Methuen, MA 01844 (US). **VERHOORN, Derek, A.**; 16 Gerry Street, Stoneham, MA 02180 (US).

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

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

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

---

(51)[7] **A43B 13/28, 13/10, 13/38, 13/41, 13/42, A41D 13/06**

(11) **WO 00/70982** (13) A1

(21) PCT/AU00/00484

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0447 **19 May/mai 1999** AU **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FOOTWEAR MANUFACTURING METHOD
• PROCEDE DE FABRICATION D'ARTICLE CHAUSSANT

(71) **BLUNDSTONE PTY LTD** [AU/AU]; 88 Gormanston Road, Moonah, Tasmania 7009 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN NIEKERK, Michael, Anthony** [AU/AU]; 12 Suncoast Drive, Blackmans Bay, Tasmania 7052 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

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

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

---

(51)[7] **A43B 13/38, 7/02**

(11) **WO 00/70983** (13) A1

(21) PCT/US00/14007

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,374 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/148,498 **12 Aug/août 1999** US **(12.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TEMPERATURE-STABILIZED ARTICLES
• ARTICLES A TEMPERATURE STABILISEE

(63) US 60/135,374 (CON)
21 May/mai 1999 (21.05.1999)
US 60/148,498 (CON)
12 Aug/août 1999 (12.08.1999)

(71) **FRISBY TECHNOLOGIES, INC.** [US/US]; Suite 2000, 77 East Main Street, Bay Shore, NY 11706 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MCCROSSON, Douglas, J.** [US/US]; 40 Tucker Drive, Bayport, NY 11705 (US). **BROWNING, Michael, B.** [US/US]; 378 Baxter Road, Winston-Salem, NC 27107 (US). **ROBINSON, Douglas, K.** [US/US]; 481 Fruit Street, Mansfield, MA 02048 (US). **ERICKSON, John, J.** [US/US]; 26 Westwood Avenue, Brockton, MA 02301 (US). **BARANEK, Thomas** [US/US]; 144 Williams Meadow Road, Winston-Salem, NC 27127 (US). **GARDNER, Robert, W.** [US/US]; 59 Mace Road, Hampton, NH 03892 (US). **DALEY, Peter, A.** [US/US]; 26500 Henderson Park Road, Oak Creek, CO 80467 (US). **NAM, Chang, Woo** [KR/KR]; 201-1304 Mol Un Dae App, 1548-11 Da Dae 1st Dong, Saha Ku, Pusan (KR).

(74) **HEIBEL, George, E.**; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).

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

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

---

(51)[7] **A43B 17/02, 7/14**

(11) **WO 00/70984** (13) A1

(21) PCT/US00/14178

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,300 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/159,842 **15 Oct/oct 1999** US **(15.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CUSTOMIZABLE ORTHOTIC WITH RESILIENT, DYNAMIC SUPPORT AND SIMPLIFIED ADJUSTABLE FOOT CUSHIONING AND SUPPORT SHOE INSERT
• ORTHESE PERSONNALISABLE A SUPPORT ELASTIQUE ET DYNAMIQUE ET GARNITURE INTERIEURE DE CHAUSSURE SIMPLIFIEE, MATELASSEE ET AJUSTABLE AU PIED

(71) **KELLERMAN COMPANY, LLC** [US/US]; 9663 Santa Monica Blvd., Suite 830, Beverly Hills, CA 90210 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KELLERMAN, David** [US/US]; 9663 Santa Monica Boulevard, Suite 850, Beverly Hills, CA 90210 (US). **TOLWIN, Hindy, Kellerman** [US/US]; 9663 Santa Monica Boulevard, Suite 830, Beverly Hills, CA 90210 (US).

(74) **STERNFELS, Lewis, B.**; Law Offices of Clark D. Gross, 12304 Santa Monica Blvd.,

Suite 300, Los Angeles, CA 90025-2593 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A43B 17/10, 13/02, 7/06, A61K 7/32**

(11) **WO 00/70985** (13) A1

(21) PCT/GB00/01489

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 9912057.8 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN ARTICLE OF FOOTWEAR
• CHAUSSURE

(71) **INTERNET WORLD SPORT (ISLE OF MAN) LIMITED** [GB/GB]; CFB House, 8-10 Malew Street, Castletown, Isle of Man IM9 1AB (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHOWN, Peter, Arthur, Charles** [GB/GB]; Strawberry House, Foldgate Lane, Magdalen, King's Lynn PE34 3DA (GB).

(74) **HARRISON GODDARD FOOTE**; Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

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

---

(51)[7] **A43B 17/10, 13/02, 7/06, A61K 7/32**

(11) **WO 00/70986** (13) A1

(21) PCT/GB00/01490

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 9912057.8 **24 May/mai 1999** GB **(24.05.1999)**

(30) 9914374.5 **18 Jun/juin 1999** GB **(18.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN ARTICLE OF FOOTWEAR
• CHAUSSURE

(71) **INTERNET WORLD SPORT (ISLE OF MAN) LIMITED** [GB/GB]; CFB House, 8-10 Malew Street, Castletown, Isle of Man IM9 1AB (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHOWN, Peter, Arthur, Charles** [GB/GB]; Strawberry House, Foldgate Lane, Magdalen, King's Lynn PE34 3DA (GB).

(74) **HARRISON GODDARD FOOTE**; Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

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

---

(51)[7] **A44B 11/26, 11/00**

(11) **WO 00/70987** (13) A1

(21) PCT/US00/14470

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,473 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • QUICK RELEASE BUCKLES
• BOUCLES A DECLENCHEMENT RAPIDE

(63) US 09/320,473 (CON) 26 May/mai 1999 (26.05.1999)

(71) **VELCRO INDUSTRIES B.V.** [NL/NL]; Castorweg 22-24, Curacao (AN).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LERRA, Christopher, G.** [US/US]; 235 Knowlton Street, Manchester, NH 03103 (US). **STEWART, Stephen** [US/US]; 360 East 500 South, Farmington, UT 84025 (US). **TAUER, Mark** [US/US]; 9981 Mumford Drive, Sandy, UT 84094 (US).

(74) **WILLIAMS, John, N.** et al. / etc.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

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

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

---

(51)[7] **A44B 13/00, A63B 29/00**

(11) **WO 00/70988** (13) A1

(21) PCT/US00/14416

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,153 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STRAP RETAINER
• DISPOSITIF DE RETENUE DE SANGLE

(71, 72) **GALBREATH, John, A.** [US/US]; 2516 Chestnut Woods Court, Reisterstown, MD 21136 (US).

(81) AU CA CN JP.

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

---

(51)[7] **A44B 21/00, B25B 25/00**

(11) **WO 00/70989** (13) A1

(21) PCT/US00/06455

(22) **10 Mar/mar 2000 (10.03.2000)**

(25) en (26) en

(30) 09/315,319 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/506,167 **17 Feb/fév 2000** US **(17.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BELT SHORTENING DEVICE
• DISPOSITIF DE RACCOURCISSEMENT DE CEINTURE

(71) **BERGER, Constance, F.** [US/US]; 500 l'Ambiance Circle, Unit No. 102, Naples, FL 34108 (US).

(72) **BERGER, Russell**; 147 Tower Avenue, Needham, MA 02494 (US). **BERGER, Stephen, C.**; 500 l'Ambiance Circle, Unit No. 102, Naples, FL 34108 (US).

(74) **JOSEPHS, David, R.** et al. / etc.; Barlow, Josephs & Holmes, Ltd., 5th floor, 101 Dyer Street, Providence, RI 02903 (US).

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

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

---

(51)[7] **A44C 5/20, A61N 1/14, B65D 63/10, F16B 2/08, F16L 3/137**

(11) **WO 00/70990** (13) A1

(21) PCT/US99/23339

(22) **7 Oct/oct 1999 (07.10.1999)**

(25) en (26) en

(30) 09/316,156 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FASTENER
• ATTACHE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **MANLEY, Norman, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **COX,**

**Brian, M.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BATES, Carolyn, A.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

---

(51)[7] **A44C 11/00, 15/00, 17/02, 13/00**

(11) **WO 00/70991** (13) A1

(21) PCT/FR00/01330

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06588 **19 May/mai 1999 (19.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DECORATIVE ELEMENT WITH AT LEAST ONE REMOVABLE DECORATIVE ORNAMENT
• ELEMENT DECORATIF A AU MOINS UN DECOR AMOVIBLE

(71, 72) **JAMMET, Jean** [FR/FR]; Vertougit, F-19130 Voutezac (FR).

(74) **POUCHUCQ, Bernard**; Cabinet Thebault, 111 cours du Médoc, F-33300 Bordeaux (FR).

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

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

---

(51)[7] **A44C 19/00**

(11) **WO 00/70992** (13) A1

(21) PCT/US00/13564

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/317,280 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • JEWELRY RING WITH SECURITY ASPECT (LARGE AND SMALL DISPLAY PORTIONS)
• BIJOU DE TYPE BAGUE PRESENTANT UN ASPECT SECURITE (A PARTIES PRESENTEES DE PETITE ET DE GRANDE DIMENSION)

(71, 72) **MELAS, Yianni** [US/AT]; Riedweg 46, A-6112 Wattens (AT).

(74) **LANGSAM, Andrew, S.** et al. / etc.; Levisohn, Lerner, Berger & Langsam, Suite 2400, 757 Third Avenue, New York, NY 10017 (US).

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

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

---

(51)[7] **A45C**

(11) **WO 00/70993** (13) A2

(21) PCT/FR00/01361

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06601 **20 May/mai 1999 (20.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLEXIBLE CONTAINER WITH A SEALABLE CLOSURE
• CONTENANT SOUPLE A FERMETURE POUVANT ETRE RENDUE ETANCHE

(71, 72) **DENKO, Jacques** [FR/FR]; Résidence les Cigalons, 19, avenue des Coccinelles, F-13012 Marseille (FR).

(74) **CABINET ROMAN**; 35, rue Paradis, Boîte postale 2224, F-13207 Marseille Cedex 01 (FR).

(81) US.

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

---

(51)[7] **A45C 3/00**

(11) **WO 00/70994** (13) A1

(21) PCT/GB00/01774

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 9911515.6 **19 May/mai 1999 (19.05.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTI-COMPARTMENT SPORTS BAG
• SAC DE SPORT A PLUSIEURS COMPARTIMENTS

(71, 72) **MITCHELL, Martin, McKinlay** [GB/TH]; 7/328 Chaiyapruk Village, Soi Wacharaphon, Ram Inthra Road, Bangkok 10220 (TH).

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

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

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

---

(51)[7] **A45D 34/04, 40/26**

(11) **WO 00/70995** (13) A1

(21) PCT/IT99/00366

(22) **12 Nov/nov 1999 (12.11.1999)**

(25) en (26) en

(30) MO99A000109 **19 May/mai 1999 (19.05.1999)** IT

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPLICATOR CAPSULE WITH ROLLER SPREADER FOR FLUID PRODUCTS
• CAPSULE D'APPLICATEUR A BILLE POUR PRODUITS FLUIDES

(71) **BORMIOLI ROCCO & FIGLIO S.P.A.** [IT/IT]; Via San Leonardo, 41, I-43100 Parma (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MORINI, Emilio** [IT/IT]; Via A. Moro, 35, I-43052 Colorno (IT).

(74) **VILLANOVA, Massimo**; Bugnion S.p.A., Via Emilia Est, 25, I-41100 Modena (IT).

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

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

---

(51)[7] **A45F 4/02**

(11) **WO 00/70996** (13) A1

(21) PCT/AT00/00138

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

(25) de (26) de

(30) GM 352/99 **20 May/mai 1999 (20.05.1999)** AT

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BACKPACK
• DISPOSITIF DE PORTAGE SUR LE DOS

(71) **WAGNER & WAGNER OEG** [AT/AT]; Möhringer Strasse 3/4, A-3340 Waidhofen/Ybbs (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WAGNER, Helene** [AT/AT]; Möhringer Strasse 3/4, A-3340 Waidhofen/Ybbs (AT).

(74) **HÜBSCHER, Gerhard** et al. / etc.; Spittelwiese 7, A-4020 Linz (AT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

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

Published / Publiée : *(c)*

---

(51)[7] **A46B 5/00, 5/02**

(11) **WO 00/70997** (13) A1

(21) PCT/EP00/04619

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

(25) en (26) en

(30) 9912044.6 **24 May/mai 1999 (24.05.1999)** GB

(30) 9912050.3 **24 May/mai 1999 (24.05.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TOOTHBRUSH
• BROSSE A DENTS

(71) **SMITHKLINE BEECHAM GMBH & CO. KG** [DE/DE]; Herrmannstrasse 7, D-77815 Buehl (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GEORGI, Matthias** [DE/DE]; SmithKline Beecham GmbH & Co. KG, Herrmannstrasse 7, D-77815 Buehl (DE). **KRÄMER, Hans** [DE/DE]; SmithKline Beecham GmbH & Co. KG, Herrmannstrasse 7, D-77815 Buehl (DE).

(74) **WALKER, Ralph, Francis**; SmithKline Beecham, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A46B 11/00, B65D 55/02**

(11) **WO 00/70998** (13) A1

(21) PCT/US00/13611

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

(25) en (26) en

(30) 09/320,373 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BOTTLE AND CAP
• BOUTEILLE ET SON BOUCHON

(71) **LAST DROP, INC.** [US/US]; 10 Stewart Place, 7GW, White Plains, NY 10607 (US).

(71, 72) **AKYILDIZ, Saban** [TR/US]; Suite 105, 309 Mamaroneck Avenue, White Plains, NY 10606 (US).

(72) **AKYILDIZ, Carmela, Nitti**; Suite 105, 309 Mamaroneck Avenue, White Plains, NY 10606 (US).

(74) **RUBENSTEIN, Allen, I.**; Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, 8th Floor, New York, NY 10016 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK DZ EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MA MD MG MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK TJ TR TT UA UZ VN ZA ZW.

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

---

(51)[7] **A46B 11/02**

(11) **WO 00/70999** (13) A1

(21) PCT/KR99/00254

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PORTABLE TOOTHBRUSH
• BROSSE A DENTS PORTATIVE

(71, 72) **WOO, Leeki** [KR/KR]; Hansin Bilra, 5-202, Choeub-dong, Pusanjin-ku, Pusan 614-080 (KR).

(74) **LEE, Joongseop**; 1 Ga-4, Bumin-dong, Seo-ku, Pusan 602-071 (KR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HR 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 ZW.

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

---

(51)[7] **A47B 5/00, 31/04**

(11) **WO 00/71000** (13) A1

(21) PCT/US00/13873

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,905 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FOLDING TABLE WITH LATCHING LINKAGE
• TABLE PLIANTE POURVUE D'ARTICULATION A VERROUILLAGE

(71) **SICO INCORPORATED** [US/US]; 7525 Cahill Road, P.O. Box 1169, Minneapolis, MN 55440 (US).

(72) **BUE, Richard, C.**; 10820 Kiawah Drive, Eden Prairie, MN 55344 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A47B 9/04, 9/20**

(11) **WO 00/71001** (13) A1

(21) PCT/SE00/01005

(22) **19 May/mai 2000 (19.05.2000)**

(25) sv (26) en

(30) 9901830-1 **20 May/mai 1999 (20.05.1999)** SE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADJUSTABLE LEG DEVICE
• PIED REGLABLE

(71) **SVENSKA KENAB KARLSHAMNS ERGONOMI AB** [SE/SE]; Box 52, S-374 21 Karlshamn (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NILSSON, Kenth** [SE/SE]; Bockaliden 5, S-374 37 Karlshamn (SE).

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

(81) SE US.

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

---

(51)[7] **A47B 21/03**

(11) **WO 00/71002** (13) A1

(21) PCT/ZA00/00097

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

(25) en (26) en

(30) 99/3470 **21 May/mai 1999 (21.05.1999)** ZA

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTER MONITOR STAND; COMPUTER CASING; AND COMPUTER EMBODYING SAME
• SUPPORT DE MONITEUR D'ORDINATEUR, BOITIER D'ORDINATEUR ET ORDINATEUR LES UTILISANT

(71, 72) **SEIDEL, Michael von** [ZA/ZA]; 10 Leccino Terrace, Bakkershoogte, Somerset West, 7130 Western Cape (ZA). **WOODING, Robert, Hugh** [ZA/ZA]; 21 Pearson Road, Everton, 3610 Kwazulu Natal (ZA). **WOODING, Hal** [ZA/ZA]; 21 Pearson Road, Everton, 3610 Kwazulu Natal (ZA).

(74) **JAMES, Peter, Boesley**; John & Kernick, P.O. Box 3511, 1685 Halfway House (ZA).

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

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ

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

Published / Publiée : *(a)*

---

(51)[7] **A47B 31/04, 43/00**

(11) **WO 00/71003** (13) A1

(21) PCT/US00/13729

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,413 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COLLAPSIBLE CART WHITH SHELF
• CHARIOT A PLATEAUX ESCAMOTABLE

(71, 72) **KING, David, L.** [US/US]; 803 West Victoria Lane, Arlington Heights, IL 60005 (US).

(74) **KRISCHKE, Eric, T.** et al. / etc.; Pauley Petersen Kinne & Fejer, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US).

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

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

Published / Publiée : *(b)*

---

(51)[7] **A47B 73/00**

(11) **WO 00/71004** (13) A1

(21) PCT/US00/14305

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,620 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STORAGE AND DISPLAY RACK AND SHELF THEREFOR
• SUPPORT DE RANGEMENT ET DE PRESENTATION ET ETAGERE A CET EFFET

(71) **RTC INDUSTRIES, INC.** [US/US]; 2800 Golf Road, Rolling Meadows, IL 60008 (US).

(72) **SYVUK, Max**; 14582 Concord Trail, Middleburg Heights, OH 44130 (US). **HARDY, Stephen**; 383 Barbara Circle, Wadsworth, OH 44281 (US).

(74) **SILVERMAN, Howard, E.** et al. / etc.; Law Offices of Dick & Harris, Suite 3800, 181 W. 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 HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

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

Published / Publiée : *(c)*

---

(51)[7] **A47C 7/54**

(11) **WO 00/71005** (13) A1

(21) PCT/SE00/00916

(22) **9 May/mai 2000 (09.05.2000)**

(25) sv (26) en

(30) 9901701-4 **9 May/mai 1999** SE **(09.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADJUSTABLE SUPPORT FOR FOREARM AND HAND OF DATA OPERATORS
• SUPPORT REGLABLE DE MAIN ET D'AVANT-BRAS DESTINE AUX OPERATEURS DE DONNEES

(71, 72) **LARSSON, Michael** [SE/SE]; Lövelund, S-573 95 Tranås (SE).

(74) **DROUGGE, Lars**; TMP Trademark & Patent HB, Sätra Ängsgård, S-590 55 Sturefors (SE).

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

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

---

(51)[7] **A47J 31/00**

(11) **WO 00/71006** (13) A1

(21) PCT/CH00/00300

(22) **25 May/mai 2000 (25.05.2000)**

(25) de (26) de

(30) 99810453.3 **25 May/mai 1999** EP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR PREPARING HOT WATER
• APPAREIL POUR PREPARER DES BOISSONS CHAUDES

(71, 72) **WOLF, Roland** [CH/CH]; Wiesentalstrasse 1, CH-9404 Rorschacherberg (CH).

(74) **SCHREIBER, Wolfgang, F.** et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Bahnhofstrasse 10, CH-7310 Bad Ragaz (CH).

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

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

---

(51)[7] **A47J 31/54, 31/10**

(11) **WO 00/71007** (13) A1

(21) PCT/EP99/03557

(22) **25 May/mai 1999 (25.05.1999)**

(25) de (26) de

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR PREPARING HOT BEVERAGES
• DISPOSITIF POUR PREPARER DES BOISSONS CHAUDES

(71) **LACREX SA** [CH/CH]; Via Eco 53, CH-6644 Orselina (CH).

(72) **PASBRIG, Max**; Via Eco 53, CH-6644 Orselina (CH).

(74) **BÜCHEL, Kurt, F.**; Letzanaweg 25, FL-9495 Triesen (LI).

(81) CZ PL RU SK.

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

---

(51)[7] **A47J 37/06, F24C 15/16 // A47J 33/00, 37/07**

(11) **WO 00/71008** (13) A1

(21) PCT/DK00/00274

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) BA 1999 00208 **25 May/mai 1999** DK **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A GRATE FOR COOKING
• GRILLE DE CUISSON

(71, 72) **JUNG, Lars** [DK/DK]; Hessgade 33, DK-5500 Middelfart (DK).

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

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

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

Published / Publiée : *(c)*

---

(51)[7] **A47J 37/08, A21B 1/44**

(11) **WO 00/71009** (13) A1

(21) PCT/CN00/00108

(22) **10 May/mai 2000 (10.05.2000)**

(25) zh (26) zh

(30) 99 1 16188.2 **20 May/mai 1999** CN **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A MULTIFUNCTIONAL AUTOMATIC BREAD TOASTER
• FOUR POUR CUISSON DE PAIN MULTIFONCTIONS AUTOMATIQUE

(71, 72) **HUO, Jingqing** [CN/CN]; Zhao Long Metal Co., Ltd., Dong Sheng Town, Zhongshan, Guangdong 528414 (CN).

(74) **CHINA SCIENCES PATENT AGENT LIMITED**; 16th Floor, Zhongke Building, 80 Haidian Road, Haidian District, Beijing 100080 (CN).

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

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

---

(51)[7] **A47J 37/12**

(11) **WO 00/71010** (13) A1

(21) PCT/CH00/00295

(22) **25 May/mai 2000 (25.05.2000)**

(25) de (26) de

(30) 965/99 **25 May/mai 1999** CH **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR PREPARING FOODSTUFFS BY BAKING INSIDE AN OVEN CAVITY
• PROCEDE ET DISPOSITIF POUR PREPARER DES PRODUITS ALIMENTAIRES PAR CUISSON DANS UNE CELLULE DE FOUR

(71) **FRITSON AG** [CH/CH]; 26, avenue de la Grenade, CH-1207 Genève (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KENK, Ernst** [FR/FR]; 16, rue Boulle, F-75011 Paris (FR).

(74) **LAUER, Joachim**; Hug Interlizenz AG, Nordstrasse 31, CH-8035 Zürich (CH).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A47J 37/12, 27/21**

(11) **WO 00/71011** (13) A1

(21) PCT/GB00/02010

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912186.5 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRICALLY HEATED LIQUID CONTAINER
• CONTENEURS DE LIQUIDES CHAUFFES PAR RESISTANCE

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

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

(74) **MILHENCH, Howard, L.** et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A47K 11/10**

(11) **WO 00/71012** (13) A1

(21) PCT/EP00/04387

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 9911671.7 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A CLEANING TOOL AND CLEANING APPARATUS INCORPORATING A CLEANING TOOL
• OUTIL DE NETTOYAGE ET APPAREIL DE NETTOYAGE COMPORTANT CET OUTIL

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

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

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

(72) **BELT, Marcellinus, Wilhelmus, Johannes**; Unilever Italia S.p.A., Via Nino Bonnet, 10, I-20154 Milan (IT). **BERRY, Adrian**; Factory Design Ltd., 54-55 Slaidburn Street, London, Greater London SW10 0JW (GB). **WILLIAMS, Richard**; Williams, Murray, Banks, The Heals Building, Alfred Mews, London, Greater London W1P 9LB (GB).

(74) **ELLIOTT, Peter, William** et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

---

(51)[7] **A47L 13/12, 13/146**

(11) **WO 00/71013** (13) A1

(21) PCT/EP00/04386

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 9911668.3 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOPS
• BALAIS A LAVER

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

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

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

(72) **BELT, Marcellinus, Wilhelmus, Johannes**; Unilever Italia SPA, Via Nino Bonnet, 10, I-20154 Milan (IT). **BERRY, Adrian**; Factory Design Ltd., 54-55 Slaidburn Street, London, Greater London SW10 0JW (GB). **WILLIAMS, Richard**; Williams, Murray, Banks, The Heals Building, Alfred Mews, London, Greater London W1P 9LB (GB).

(74) **ELLIOTT, Peter, William** et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP

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

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

Published / Publiée : *(c)*

---

(51)[7] **A47L 13/24, 13/12**

(11) **WO 00/71014** (13) A1

(21) PCT/ES00/00167

(22) **11 May/mai 2000 (11.05.2000)**

(25) es (26) es

(30) U 9901239 **25 May/mai 1999 (25.05.1999)** ES

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOP WITH AN ANGLED PART
• LAVE-SOL AVEC UN COIN

(71, 72) **BERNAL SERRADILLA, Mª Dolores** [ES/ES]; Calle Aguaceros, 9, Urb. La Zapateira, E-15008 La Coruña (ES).

(81) BR JP US.

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

---

(51)[7] **A61B**

(11) **WO 00/71015** (13) A2

(21) PCT/US00/14304

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,465 **24 May/mai 1999 (24.05.1999)** US

(30) 60/143,794 **14 Jul/juil 1999 (14.07.1999)** US

(30) 09/576,980 **23 May/mai 2000 (23.05.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUTURE REEL DISPENSER WITH END OF SUTURE INDICATOR
• DISTRIBUTEUR A BOBINE DE FIL DE SUTURE DOTE D'UNE EXTREMITE INDICATRICE

(71, 72) **ROSENFELD, David, M., D.** [US/US]; 11349 Isleta Street, Brentwood, CA 90049 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski, L.L.P., 29th floor, 865 South Figueroa Street, Los Angeles, CA 90017-2576 (US).

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

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

---

(51)[7] **A61B 1/12, A61M 1/00**

(11) **WO 00/71016** (13) A1

(21) PCT/US00/14636

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,007 **26 May/mai 1999 (26.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SUCTION DEVICE FOR AN ENDOSCOPE
• DISPOSITIF D'ASPIRATION DESTINE A UN ENDOSCOPE

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

(72) **SOBLE, Jon**; 9545 Harding Avenue, Evanston, IL 60203 (US). **TREMAGLIO, Anthony**; 2 HcHugh Lane, Hopkington, MA 01748 (US).

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

(81) AU CA IL JP.

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 1/227**

(11) **WO 00/71017** (13) A1

(21) PCT/US00/14562

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,342 **26 May/mai 1999 (26.05.1999)** US

(30) 09/386,050 **30 Aug/août 1999 (30.08.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DISPOSABLE OTOSCOPE TIP SYSTEM
• SYSTEME DE SPECULUM JETABLE POUR OTOSCOPE

(71) **HEALTH & TECHNOLOGY, INC.** [US/US]; 965 Highway 169 North, Minneapolis, MN 55441 (US).

(72) **COOK, Daniel, G.**; 3375 County Road 92, Maple Plain, MN 55359 (US).

(74) **FAIRBAIRN, David, R.** et al. / etc.; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (US).

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

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

---

(51)[7] **A61B 1/267**

(11) **WO 00/71018** (13) A1

(21) PCT/EP00/04514

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

(25) de (26) de

(30) 199 23 334.9 **21 May/mai 1999 (21.05.1999)** DE

(30) 199 55 180.4 **16 Nov/nov 1999 (16.11.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LARYNGOSCOPE
• LARYNGOSCOPE

(71) **KARL STORZ GMBH & CO. KG** [DE/DE]; Mittelstrasse 8, D-78532 Tuttlingen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RUDISCHHAUSER, Jürgen** [DE/DE]; Egerstr. 24, D-78532 Tuttlingen (DE). **RENNER, Martin** [DE/DE]; Schlossbühlstr. 36, D-78576 Liptingen (DE). **IRION, Klaus, M.** [DE/DE]; Heudorfer Str. 38, D-78576 Liptingen (DE). **SCHWARZ, Peter** [DE/DE]; Eugenstrasse 9, D-78532 Tuttlingen (DE). **WEHRSTEIN, Helmut** [DE/DE]; Brucknerweg 8, D-78532 Tuttlingen (DE). **KOCHER, Mark** [DE/DE]; Steinenbronner Str. 11, D-71065 Sindelfingen (DE).

(74) **WELLER, Wolfgang** et al. / etc.; Witte, Weller & Partner, Postfach 105462, D-70047 Stuttgart (DE).

(81) US.

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 3/10, 3/14**

(11) **WO 00/71019** (13) A1

(21) PCT/US00/14176

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,098 **23 May/mai 1999 (23.05.1999)** US

(30) 09/431,680 **1 Nov/nov 1999 (01.11.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SCANNING LASER OPHTHALMOSCOPE FOR SELECTIVE THERAPEUTIC LASER
• OPHTALMOSCOPE LASER A BALAYAGE POUR LASER THERAPEUTIQUE SELECTIF

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

(81) JP.

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

---

(51)[7] **A61B 3/12, 3/14**

(11) **WO 00/71020** (13) A1

(21) PCT/FI00/00449

(22) **19 May/mai 2000 (19.05.2000)**

(25) fi (26) en

(30) 991137 **19 May/mai 1999** FI **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND DEVICE FOR OPHTHALMOSCOPY
• SYSTEME ET DISPOSITIF D'OPHTALMOSCOPIE

(71) **OPTOMED OY** [FI/FI]; -, Lapinkävijäntie 1, FIN-96100 Rovaniemi (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BROAS, Markku** [FI/FI]; -, Ristontie 10 C, FIN-96300 Rovaniemi (FI).

(74) **LAURINOLLI, Tapio**; Patenttitoimisto Tapio Laurinolli, P.O.box 258, FIN-90101 Oulu (FI).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 5/00**

(11) **WO 00/71021** (13) A1

(21) PCT/US00/10606

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) en (26) en

(30) 09/317,291 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NONINVASIVE BLOOD PRESSURE SENSING DEVICE AND METHOD USING TRANSDUCER WITH ASSOCIATE MEMORY
• DISPOSITIF DE PRISE DE TENSION ARTERIELLE NON INVASIF ET PROCEDE UTILISANT UN TRANSDUCTEUR AVEC UNE MEMOIRE ASSOCIEE

(71) **MEDWAVE, INC.** [US/US]; 4382 Round Lake Road West, Arden Hills, MN 55112-3923 (US).

(72) **CURRAN, Timothy, G.**; 17640 Eaton Street Northwest, Ramsey, MN 55303 (US).

(74) **FAIRBAIRN, David, R.** et al. / etc.; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (US).

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

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

---

(51)[7] **A61B 5/00**

(11) **WO 00/71022** (13) A1

(21) PCT/US00/13773

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,402 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RADIATION-SENSITIVE SURGICAL PROBE WITH INTERCHANGEABLE TIPS
• SONDE CHIRURGICALE RADIOSENSIBLE EQUIPEE DE POINTES INTERCHANGEABLES

(71, 72) **RAYLMAN, Raymond, R.** [US/US]; Apartment 1, 1227 Van Voorhis Road, Morgantown, WV 26505 (US). **WAHL, Richard, L.** [US/US]; 3572 Delhi Overlook, Ann Arbor, MI 48103 (US).

(74) **LORENZ, Todd, A.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

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

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

---

(51)[7] **A61B 5/00**

(11) **WO 00/71023** (13) A1

(21) PCT/US00/13865

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

(25) en (26) en

(30) 09/317,935 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS TISSUE IMAGING
• PROCEDE ET APPAREIL D'IMAGERIE TISSULAIRE

(71) **RBP, INC.** [US/US]; Suite 1735, 55 E. Washington Street, Chicago, IL 60602 (US).

(71, 72) **LASKY, Harold, J.** [US/US]; 716 Rosalyn Terrace, Evanston, IL 60201 (US). **PASCH, Kenneth, A.** [US/US]; 75 Ships Lantern Road, P.O. Box 1786, North Eastham, MA 02651 (US).

(74) **ROCHE, David, I.**; Baker & McKenzie, 130 E. Randolph Drive, Chicago, IL 60601 (US).

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

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

---

(51)[7] **A61B 5/0408**

(11) **WO 00/71024** (13) A1

(21) PCT/DK99/00280

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SKIN ELECTRODE
• ELECTRODE CUTANEE

(71) **MEDICOTEST** [DK/DK]; Rugmarken 10, DK-3650 Ølstykke (DK).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **THOMSEN, Steen** [DK/DK]; Vigerslev Allé 174 B, DK-2500 Valby (DK). **NIELSEN, Brian** [DK/DK]; Rudolph Bergs Gade 30, DK-2100 Copenhagen Ø (DK). **GOTHJÆLPSEN, Laila, Busk** [DK/DK]; Dragevej 10, DK-4040 Jyllinge (DK).

(74) **RASMUSSEN, Torben, Ravn** et al. / etc.; Internationalt Patent-Bureau, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).

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

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

---

(51)[7] **A61B 5/103**

(11) **WO 00/71025** (13) A1

(21) PCT/EP00/04643

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 658.5 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR MEASURING THE DEGREE OF ORGANIZATION OF WATER IN HUMAN AND ANIMAL BODIES
• PROCEDE ET DISPOSITIF POUR MESURER LE DEGRE D'ORGANISATION DE L'EAU DANS LE CORPS D'UN HOMME OU D'UN ANIMAL

(71) **INFRALYTIC GMBH** [DE/DE]; Oststrasse 1, D-48341 Altenberge (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FREITAG, Holger** [DE/DE]; Besselweg 232, D-48149 Münster (DE). **HUTH-FEHRE, Thomas** [DE/DE]; Am Eschhuesbach 24, D-48341 Altenberge (DE).

(74) **PFENNING MEINIG & PARTNER**; Kurfürstendamm 170, D-10707 Berlin (DE).

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

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

---

(51)[7] **A61B 5/103**

(11) **WO 00/71026** (13) A1

(21) PCT/US00/14221

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/320,639 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANKLE REHABILITATION SYSTEM
• SYSTEME DE REEDUCATION DE CHEVILLE

(71) **RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY** [US/US]; Office of Corporate Liaison and Technology, 58 Bevier Road, Piscataway, NJ 08854-8010 (US).

(72) **GIRONE, Michael, John**; 916 Blueberry Court, Edison, NJ 08817 (US). **BURDEA, Grigore**; 38 Maple Court, Highland Park, NJ 08904 (US). **BOUZIT, Mourad**; Apartment 1D, 575 Easton Avenue, Somerset, NJ 08873 (US).

(74) **MCKAY, Diane, Dunn**; Mathews, Collins, Shepherd & Gould, P.A., Suite 306, 100 Thanet Circle, Princeton, NJ 08540 (US).

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

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

---

(51)[7] **A61B 5/113**

(11) **WO 00/71027** (13) A1

(21) PCT/GB00/01976

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 9911985.1 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MEDICAL DEVICE FOR MEASUREMENTS OF CARDIAC OR PULMONARY ACTIVITY
• DISPOSITIF MEDICAL PERMETTANT DE MESURER L'ACTIVITE CARDIAQUE OU PULMONAIRE

(71) **UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD.** [GB/GB]; 47 Park Place, Cardiff CF1 3AT (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PHAM, Duc, Truong** [GB/GB]; 61 Bettws-y-Coed Road, Cyncoed, Cardiff CF2 6PJ (GB). **YANG, Ming** [CN/GB]; 11 Lochaber Street, Roath, Cardiff CF2 3LS (GB). **WANG, Zuobin** [CN/GB]; 1 Lochaber Street, Roath, Cardiff CF2 3LS (GB). **PACKIANATHER, Michael, Sylvester** [LK/GB]; 175 Richmond Road, Roath, Cardiff CF2 3BT (GB).

(74) **GIBSON, Stewart, Harry**; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).

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

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

---

(51)[7] **A61B 6/00**

(11) **WO 00/71028** (13) A1

(21) PCT/US00/14169

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,886 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/569,982 **10 May/mai 2000** US **(10.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED METHODS AND APPARATUS FOR MULTI-PHOTON PHOTO-ACTIVATION AND DETECTION OF MOLECULAR AGENTS
• PROCEDES ET APPAREIL AMELIORES POUR LA PHOTO-EXCITATION MULTIPHOTONIQUE ET LA DETECTION D'AGENTS MOLECULAIRES

(71) **PHOTOGEN, INC.** [US/US]; 7327 Oak Ridge Highway, Knoxville, TN 37931 (US).

(72) **FISHER, Walter**; 2009 Still Water Lane, Knoxville, TN 37922 (US). **SMOLIK, John**; 119 Tanasi Court, Loudon, TN 37774 (US). **DEES, H, Craig**; 1006 Wyndham Way, Apt. 1517, Knoxville, TN 37923 (US). **WACHTER, Eric**; 138 Bay Path Drive, Oak Ridge, TN 37830 (US).

(74) **MANZO, Edward** et al. / etc.; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd., 200 W. Adams St., Ste. 2850, Chicago, IL 60606 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 7/02**

(11) **WO 00/71029** (13) A1

(21) PCT/US99/11229

(22) **20 May/mai 1999 (20.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DISPOSABLE STETHOSCOPE ASSEMBLY
• ENSEMBLE STETHOSCOPE JETABLE

(71, 72) **SANCHEZ-ZAMBRANO, Sergio** [MX/US]; Route 5, P.O. Box 35A, Cleburne, TX 76031 (US).

(74) **BRADLEY, James, E.** et al. / etc.; Felsman, Bradley, Vaden, Gunter & Dillon, LLP, Suite 1100, One Riverway, Houston, TX 77056-1920 (US).

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

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

---

(51)[7] **A61B 8/00**

(11) **WO 00/71030** (13) A1

(21) PCT/US00/14177

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,378 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM FOR QUANTIZING BLADDER DISTENSION DUE TO PRESSURE USING NORMALIZED SURFACE AREA OF THE BLADDER
• DISPOSITIF PERMETTANT DE QUANTIFIER LA DISTENSION DE LA VESSIE CAUSEE PAR LA PRESSION, SUR UNE SURFACE NORMALISEE DE LA VESSIE

(71) **DIAGNOSTIC ULTRASOUND CORPORATION** [US/US]; P.O. Box 818, Redmond, WA 98073-0818 (US).

(72) **BARNARD, William, L.**; 19622 65th Avenue Northeast, Seattle, WA 98155 (US).

(74) **PUNTIGAM, Clark, A.**; 2033 6th Avenue #1020, Seattle, WA 98121 (US).

(81) JP.

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

(51)[7] **A61B 17/00**

(11) **WO 00/71031** (13) A1

(21) PCT/CH00/00299

(22) **25 May/mai 2000 (25.05.2000)**

(25) de (26) de

(30) 299 09 025.6 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OSTEOSYNTHETIC BONE PLATE
• PLAQUE POUR OSTEOSYNTHESE

(71) **MEDARTIS AG** [CH/CH]; Steinengraben 22, CH-4051 Basel (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PFEFFERLE, Joachim** [DE/DE]; Krumlinden 20, D-79244 Münstertal (DE). **JOOS, Ulrich** [DE/DE]; Gartenstrasse 21, D-48147 Münster (DE).

(74) **A. BRAUN BRAUN HÉRITIER ESCHMANN AG**; Holbeinstrasse 36-38, CH-4051 Basel (CH).

(81) JP US.

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 17/00**

(11) **WO 00/71032** (13) A2

(21) PCT/US00/12030

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 09/304,254 **3 May/mai 1999** US **(03.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HEMOSTATIC DEVICE FOR ANGIOPLASTY
• DISPOSITIF HEMOSTATIQUE POUR ANGIOPLASTIE

(71, 72) **SAINES, Marius** [US/US]; 4560 Admiralty Way, Suite 356, Marina Del Rey, CA 90292 (US).

(74) **FARBER, Michael, B.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067-3024 (US).

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

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

---

(51)[7] **A61B 17/00, 17/02**

(11) **WO 00/71033** (13) A1

(21) PCT/US00/13828

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/322,766 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REFRACTOR APPARATUS FOR USE IN HARVESTING MAMMARY ARTERIES DURING HEART BY-PASS SURGERY
• APPAREIL ECARTEUR UTILISE POUR PRELEVER DES ARTERES MAMMAIRES DURANT LE PONTAGE CARDIAQUE

(71) **CARDIOTHORACIC SYSTEMS, INC.** [US/US]; 10600 North Tantau Avenue, Cupertino, CA 94014-0739 (US).

(72) **GINN, Richard, S.**; 297 Marti Way, San Jose, CA 95138 (US). **STEWART, Michael, C.**; 456 Don Correlli Court, San Jose, CA 95123 (US). **MOREJOHN, Michael, V.**; 2207 Willester Avenue, San Jose, CA 95124 (US). **LASALLE, Carol, M.**; 25 Elsie Street, San Francisco, CA 94110 (US).

(74) **SMITH, Albert, C.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ 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 ZA ZW.

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 17/12**

(11) **WO 00/71034** (13) A1

(21) PCT/SE00/01072

(22) **25 May/mai 2000 (25.05.2000)**

(25) sv (26) en

(30) 9901870-7 **25 May/mai 1999** SE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SURGICAL FORCEPS
• PINCE CHIRURGICALE

(71) **STILLE SURGICAL AB** [SE/SE]; P.O. Box 49300, S-100 29 Stockholm (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RISBERG, Bo** [SE/SE]; Dr Lindhs gata 4, S-413 25 Göteborg (SE). **WINCRANTZ, Fredrik** [SE/SE]; Kungshöjdsgatan 8, S-411 20 Göteborg (SE). **STENBECK, Arne** [SE/SE]; Hejargatan 8, S-632 29 Eskilstuna (SE).

(74) **AWAPATENT AB**; P.O. Box 53, S-826 22 Söderhamn (SE).

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

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

---

(51)[7] **A61B 17/15**

(11) **WO 00/71035** (13) A1

(21) PCT/GB00/01839

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911731.9 **20 May/mai 1999** GB **(20.05.1999)**

(30) 9912279.8 **27 May/mai 1999** GB **(27.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BONE RESECTION GUIDE
• GUIDE DE RESECTION OSSEUSE

(71) **DEPUY INTERNATIONAL LIMITED** [GB/GB]; St. Anthony's Road, Beeston, Leeds LS11 8DT (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ORTON, Marcus** [GB/GB]; 40 Heath Drive, Boston Spa, West Yorkshire LS23 6PB (GB). **BASSIL, Robert** [GB/GB]; DCA Design Consultants, 19 Church Street, Warwick CV34 4AB (GB).

(74) **BELCHER, Simon, James**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

(81) AU JP US.

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 17/22**

(11) **WO 00/71036** (13) A2

(21) PCT/US00/14315

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,876 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RELEASABLE BASKET AND METHOD OF MAKING THEREOF
• CORBEILLE LIBERABLE ET SON PROCEDE DE FABRICATION

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **QUE, Like** [CN/US]; 570n Mill Creek Lane #306, Santa Clara, CA 95054 (US). **TEAGUE, James, A.** [US/US]; RR5, Box 306, Spencer, IN (US). **BATES, James, S.** [US/US]; 4725 N. Marybelle Way, Bloomington, IN 47404 (US). **GOBRON, Stephane** [FR/US]; 110 Oak Ridge, Hillside, IL 60162 (US). **WARD, Tim, E.** [US/US]; RR 9, Box 526, Bedford, IN 47421 (US).

(74) **MOORE, Ronda, P.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

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

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

---

(51)[6] **A61B 17/36**

(11) **WO 00/71037** (13) A1

(21) PCT/US99/11530

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CRYOSURGICAL PROBE HAVING INSULATING AND HEATED SHEATHS
• CRYOSONDE COMPORTANT UNE GAINE ISOLANTE ET UNE GAINE CHAUFFEE

(71, 72) **CHINN, Douglas, O.** [US/US]; Suite 101, 65 North First Avenue, Arcadia, CA 91006 (US).

(74) **FISCHER, Morland, C.**; 2030 Main Street #1050, Irvine, CA 92614 (US).

(81) AU BR CA JP NZ.

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

---

(51)[7] **A61B 17/39**

(11) **WO 00/71038** (13) A1

(21) PCT/US00/13762

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,827 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MICROFLUIDIC DEVICES AND METHODS FOR PRODUCING PULSED MICROFLUIDIC JETS IN A LIQUID ENVIRONMENT
• DISPOSITIFS MICROFLUIDIQUES ET PROCEDES DE PRODUCTION DE JETS MICROFLUIDIQUES PULSES DANS UN ENVIRONNEMENT LIQUIDE

(71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Suite 350, 900 Welch Road, Palo Alto, CA 94304 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FLETCHER, Daniel, A.** [US/US]; 908 Middle Avenue, Menlo Park, CA 94025 (US). **PALANKER, Daniel, V.** [IL/US]; Apartment W1, 1575 Tenaka Place, Dunnyvale, CA 94087 (US).

(74) **FIELD, Bret, E.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (US).

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

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

---

(51)[6] **A61B 17/42**

(11) **WO 00/71039** (13) A1

(21) PCT/US99/24844

(22) **27 Oct/oct 1999 (27.10.1999)**

(25) en (26) en

(30) 60/135,626 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/349,798 **9 Jul/juil 1999** US **(09.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AMNIOTOMY GLOVE
• GANT D'AMNIOTOMIE

(71, 72) **ZAPATA, Helio** [US/US]; 4142 West Cleveland, Skokie, IL 60076 (US).

(81) BR CN.

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

Published / Publiée : *(a)*

---

(51)[7] **A61B 17/72**

(11) **WO 00/71040** (13) A1

(21) PCT/AT00/00139

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

(25) de (26) de

(30) GM 359/99 **21 May/mai 1999** AT **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INRAMEDULLARY NAIL, IN PARTICULAR, INTRAMEDULLARY NAIL FOR THE TIBIA
• CLOU MEDULLAIRE, NOTAMMENT CLOU MEDULLAIRE POUR TIBIA

(71) **I.T.S. IMPLANTAT-TECHNOLOGIE SYSTEME GMBH** [AT/AT]; Kainbach 186, A-8047 Graz (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HERTZ, Harald** [AT/AT]; Schöffelgasse 11, A-1180 Wien (AT).

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

(81) AU CA US.

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 17/72, 17/17, 17/16**

(11) **WO 00/71041** (13) A1

(21) PCT/MX99/00014

(22) **24 May/mai 1999 (24.05.1999)**

(25) es (26) es

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL INTRAMEDULLARY NAIL FIXED TO THE BONE BY BOLTS WITHOUT REAMING AND MORE RESISTANT NAIL REQUIRING REAMING
• NOUVEAU CLOU INTRAMEDULLAIRE FIXE A L'OS PAR DES BOULONS SANS FRAISAGE ET PLUS RESISTANT ET EGALEMENT AVEC FRAISAGE

(71, 72) **COLCHERO ROZAS, Fernando** [MX/MX]; 10 Sur # 2705, Col. Ladrillera de Benites, Puebla, Puebla 72530 (MX).

(74) **TAMAR RUIZ GARCIA, América**; 5 Poniente No. 1303, 4o Piso, Despacho "A", Puebla, Puebla 72000 (MX).

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

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

---

(51)[7] **A61B 18/12**

(11) **WO 00/71042** (13) A1

(21) PCT/JP00/03197

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

(25) ja (26) ja

(30) 11/139002 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SNARE WITH RECOVERING IMPLEMENT
• ANSE AVEC OUTIL D'EXTRACTION

(71) **SUMITOMO BAKELITE COMPANY LIMITED** [JP/JP]; 5-8, Higashishinagawa 2-chome, Shinagawa-ku, Tokyo 140-0002 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HIGUMA, Masato** [JP/JP]; Akita Sumitomo Bakelite Company Limited, 27-4, Aza Nakajimashita, Tsuchizakiminato Sozenmachi, Akita-shi, Akita 011-0951 (JP). **MASUDA, Haruhiko** [JP/JP]; Akita Sumitomo Bakelite Company Limited, 27-4, Aza Nakajimashita Tsuchizakiminato Sozenmachi, Akita-shi, Akita 011-0951 (JP).

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

(81) AU CA CN ID JP KR MX NO NZ SG US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **A61B 18/14**

(11) **WO 00/71043** (13) A1

(21) PCT/US00/13706

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/316,472 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/204,206 **12 May/mai 2000** US **(12.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEMS AND METHODS FOR ELECTROSURGICAL TREATMENT OF INTERVERTEBRAL DISCS
• SYSTEMES ET PROCEDES DE TRAITEMENT ELECTROCHIRURGICAL DE DISQUES INTERVERTEBRAUX

(71) **ARTHROCARE CORPORATION** [US/US]; 595 North Pastoria Avenue, Sunnyvale, CA 94086 (US).

(72) **HOVDA, David, C.**; 1900 Miramonte Avenue, Mountain View, CA 94040 (US). **ELLSBERRY, Maria, B.**; 43671 Skye Road, Fremont, CA 94539 (US). **THAPLIYAL, Hira, V.**; 1192 Volti Lane, Los Altos, CA 94024 (US). **EGGERS, Philip, E.**; 5366 Reserve Drive, Dublin, OH 43017 (US).

(74) **RAFFLE, John, T.**; ArthroCare Corporation, 595 North Pastoria Avenue, Sunnyvale, CA 94086 (US).

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

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

---

(51)[7] **A61B 18/18**

(11) **WO 00/71044** (13) A1

(21) PCT/US00/14002

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,446 **22 May/mai 1999** US **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR CONTROLLED AND ENHANCED EVAPORATION DURING CRYOGEN SPRAY COOLING
• PROCEDE ET APPAREIL D'EVAPORATION CONTROLEE ET RENFORCEE LORS DU REFROIDISSEMENT PAR VAPORISATION CRYOGENIQUE

(71) **WM. MARSH RICE UNIVERSITY** [US/US]; 6100 Main Street, Houston, TX 77005-1892 (US).

(72) **TORRES, Jorge, H.**; 8282 Cambridge #908, Houston, TX 77054 (US). **ANVARI, Bahman**; 4119 University Blvd., Houston, TX 77005 (US).

(74) **WATKINS, Marcella, D.** et al. / etc.; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).

(81) AU CA CN JP KR NZ.

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

Published / Publiée : *(c)*

---

(51)[7] **A61B 18/20**

(11) **WO 00/71045** (13) A1

(21) PCT/IL99/00279

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LASER FOR SKIN TREATMENT
• LASER DESTINE AU TRAITEMENT CUTANE

(71, 72) **SHARON, Uzi** [IL/IL]; 30a Ugarit Street, Tel-Aviv 69016 (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, Petach Tikva 49002 (IL).

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

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

---

(51)[7] **A61B 19/00, 1/00, G02B 23/24**

(11) **WO 00/71046** (13) A1

(21) PCT/JP00/03304

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/144119 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENDOSCOPE OCULAR WITH MICROSCOPE GRIPPING MECHANISM AND ENDOSCOPE HOLDER AND ENDOSCOPE FIXING METHOD
• OCULAIRE D'ENDOSCOPE DOTE D'UN MECANISME DE PREHENSION DE MICROSCOPE, ET SUPPORT ET PROCEDE DE FIXATION D'ENDOSCOPE

(71) **FUJIKURA LTD.** [JP/JP]; 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 (JP). **M & M CO., LTD.** [JP/JP]; 16-6, Yanagibashi 1-chome, Taito-ku, Tokyo 111-0052 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAKATATE, Ken-ichi** [JP/JP]; Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP). **TSUMANUMA, Takashi** [JP/JP]; Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP). **FUJI, Michiro** [JP/JP]; M & M Co., Ltd., 16-6, Yanagibashi 1-chome, Taito-ku, Tokyo 111-0052 (JP).

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

(81) DE US.

---

(51)[7] **A61B 19/00**

(11) **WO 00/71047** (13) A1

(21) PCT/US00/13209

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/135,233 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOCALIZATION DEVICE WITH ANCHORING BARBS
• DISPOSITIF DE LOCALISATION À ARDILLONS D'ANCRAGE

(71) **COOK UROLOGICAL, INC.** [US/US]; 1100 West Morgan Street, Spencer, IN 47460 (US).

(72) **ANDREWS, Marvin, O.**; 3818 Laura Way, Bloomington, IN 47401 (US). **FISCHER, Frank, J., Jr.**; 4901 South Old State Road 37, Bloomington, IN 47401 (US). **WARD, John, H.**; Route 3, Box 200, Spencer, IN 47460 (US).

(74) **AGNEW, Charles, W.** et al. / etc.; P.O. Box 2269, Bloomington, IN 47402-2269 (US).

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

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

---

(51)[7] **A61B 19/00**

(11) **WO 00/71048** (13) A1

(21) PCT/US00/13802

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/314,989 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REFLEX HAMMER
• MARTEAU A REFLEXES

(71) **HEALTH & TECHNOLOGY, INC.** [US/US]; 965 Highway 169 North, Minneapolis, MN 55441 (US).

(72) **COOK, Daniel, G.**; 3375 County Road 92, Maple Plain, MN 55359 (US).

(74) **FAIRBAIRN, David, R.** et al. / etc.; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (US).

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

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

---

(51)[7] **A61C 1/00**

(11) **WO 00/71049** (13) A1

(21) PCT/HU99/00041

(22) **21 May/mai 1999 (21.05.1999)**

(25) de (26) de

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE USED IN DENTAL MEDICINE TO CARRY OUT A TREATMENT USING A FREE LIQUID JET SPRAY
• PROCEDE ET DISPOSITIF UTILISES EN MEDECINE DENTAIRE POUR REALISER UN TRAITEMENT AU MOYEN D'UN JET DE LIQUIDE LIBRE

(71, 72) **BACSKÓ, László** [HU/HU]; Eszék u. 37, H-7632 Pécs (HU). **VÁRBÍRÓ, Gábor** [HU/HU]; Megyeri tér 10, H-7623 Pécs (HU).

(74) **DANUBIA PATENT & TRADEMARK ATTORNEYS**; P.O. Box 198, H-1368 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 HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU.

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

---

(51)[7] **A61C 17/06, B01D 21/00, 29/58**

(11) **WO 00/71050** (13) A1

(21) PCT/AT00/00140

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 09/315,330 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/408,680 **30 Sep/sep 1999** US **(30.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEPARATOR FOR SEPARATING SOLID MATTER FROM A LIQUID-SOLID MIXTURE, COLLECTED AT A DENTAL TREATMENT CENTRE
• SEPARATEUR POUR SEPARER DES MATIERES SOLIDES PRESENTES DANS UN MELANGE MATIERES SOLIDES/ LIQUIDES PRODUIT DANS UN ESPACE DE SOINS DENTAIRES

(71, 72) **PREGENZER, Bruno** [AT/AT]; Untermieming 45a, A-6414 Mieming (AT). **KONZETT, Alfred** [AT/AT]; Dorfstrasse 21a, A-6082 Patsch (AT). **FORSTER, Michael** [AT/AT]; Bichlweg 5, A-6112 Wattens (AT).

(74) **TORGGLER, Paul** et al. / etc.; Wilhelm-Greilstrasse 16, A-6020 Innsbruck (AT).

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

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

---

(51)[7] **A61D 19/00**

(11) **WO 00/71051** (13) A1

(21) PCT/AU00/00496

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0558 **24 May/mai 1999** AU **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR EXTRACTING OOCYTES FROM OVARIES
• PROCEDE ET APPAREIL D'EXTRACTION D'OVOCYTES DES OVAIRES

(71) **GENETICS AUSTRALIA CO-OPERATIVE LIMITED** [AU/AU]; Parwan Park, Woolpack Road, Bacchus Marsh, VIC 3340 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LYONS, Glenn, Thomas** [AU/AU]; 39 Delmore Crescent, Glen Waverley, VIC 3150 (AU). **HARFORD, Andrew, James** [AU/AU]; 10 Thrice Lane, Melton, VIC 3337 (AU). **COLEMAN, Peter, James** [AU/AU]; 16 Portman Road, The Patch, VIC 3792 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (AU).

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

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

---

(51)[7] **A61F 2/06, A61L 31/00**

(11) **WO 00/71052** (13) A1

(21) PCT/EP00/04297

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 299 08 768.9 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGHLY FLEXIBLE COATING FOR STENTS AND/OR STENT GRAFTS AND/OR VASCULAR STENT PROSTHESES
• GAINE HAUTEMENT FLEXIBLE POUR PROTHESES ENDOVASCULAIRES ET/OU STRUCTURES DE PROTHESE ENDOVASCULAIRE ET/OU PROTHESES ENDOVASCULAIRES

(71, 72) **STARCK, Bernd** [DE/DE]; Hinter den Zäunen 5, D-75443 Ötisheim (DE).

(74) **REINHARDT, Harry** et al. / etc.; Schwarzwaldstrasse 1A, D-75173 Pforzheim (DE).

(81) JP US.

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

---

(51)[7] **A61F 2/06**

(11) **WO 00/71053** (13) A1

(21) PCT/EP00/04658

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 133.8 **20 May/mai 1999** DE **(20.05.1999)**

(30) 199 36 483.4 **3 Aug/août 1999** DE **(03.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RADIALLY EXPANDABLE VESSEL SUPPORT
• TUTEUR INTRAVASCULAIRE S'ELARGISSANT RADIALEMENT

(71, 72) **NEUSS, Malte** [DE/DE]; Röckumstrasse 20, D-53121 Bonn (DE).

(74) **SCHNEIDERS & BEHRENDT**; Huestrasse 23, Postfach 10 23 65, D-44723 Bochum (DE).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61F 2/06**

(11) **WO 00/71054** (13) A1

(21) PCT/US00/13244

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/315,892 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXPANDABLE MEDICAL STENT WITH DUCTILE HINGES
• STENT EXTENSIBLE À ARTICULATIONS DUCTILES

(63) US 09/315,892 (CON)
20 May/mai 1999 (20.05.1999)

(71) **CONOR MEDSYSTEMS, INC.** [US/US]; 401 Camberly Way, Redwood City, CA 94061 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SHANLEY, John, F.** [US/US]; 401 Camberly Way, Redwood City, CA 94061 (US).

(74) **PETERSON, James, W.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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

---

(51)[7] **A61F 2/06**

(11) **WO 00/71055** (13) A1

(21) PCT/US00/13264

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/315,885 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXPANDABLE MEDICAL DEVICE DELIVERY SYSTEM AND METHOD
• SYSTEME ET PROCEDE D'ACHEMINEMENT D'UN DISPOSITIF MEDICAL EXTENSIBLE

(63) US 09/315,885 (CON) 20 May/mai 1999 (20.05.1999)

(71) **CONOR MEDSYSTEMS, INC.** [US/US]; 401 Camberly Way, Redwood City, CA 94061 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHANLEY, John, F.** [US/US]; 401 Camberly Way, Redwood City, CA 94061 (US).

(74) **PETERSON, James, W.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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

---

(51)[7] **A61F 2/06, H04L 27/30**

(11) **WO 00/71056** (13) A1

(21) PCT/US00/13641

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

(25) en (26) en

(30) 09/318,525 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ACCELERATED SELECTION OF A BASE STATION IN A WIRELESS COMMUNICATION SYSTEM
• SELECTION ACCELEREE D'UNE STATION DE BASE DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).

(72) **EDISON, Donald, Brian**; 7150 Shoreline Drive #3201, San Diego, CA 92122 (US).

(74) **HORSTEMEYER, Scott, A.**; Thomas, Kayden, Horstemeyer & Risley, L.L.P., Suite 1750, 100 Galleria Parkway, Atlanta, GA 30339 (US).

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

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

Published / Publiée : *(a)*

---

(51)[7] **A61F 2/06**

(11) **WO 00/71057** (13) A1

(21) PCT/US00/13665

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

(25) en (26) en

(30) 60/135,031 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STENT-GRAFT WITH INCREASED FLEXIBILITY
• STENT/GREFFE PLUS FLEXIBLE

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

(72) **GOLDS, Ellen**; 32 South Drive, Hastings-on-Hudson, NY 10706 (US). **TSENG, David**; P.O. Box 397185, Cambridge, MA 02139 (US). **BOATMAN, Jeff**; 10 Minnehaha Path, Lincoln Park, NJ 07035 (US).

(74) **SCOLA, Daniel, A., Jr.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US) et al. / etc.

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

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

---

(51)[7] **A61F 2/06**

(11) **WO 00/71058** (13) A1

(21) PCT/US00/14038

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,985 **20 May/mai 1999** US **(20.05.1999)**

(30) 60/157,335 **1 Oct/oct 1999** US **(01.10.1999)**

(30) 09/574,418 **19 May/mai 2000** US **(19.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STENT DELIVERY SYSTEM WITH NESTED STABILIZER AND METHOD OF LOADING AND USING SAME
• SYSTEME DE POSE D'ENDOPROTHESE AVEC STABILISATEUR ENCASTRE ET PROCEDE DE CHARGEMENT ET D'UTILISATION

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

(72) **SULLIVAN, Jason, R.**; 111 Deerfield Road, Wayne, NJ 07470 (US). **KELLER, John**; 43 Short Street, Shelton, CT 06484 (US). **KETTERER, Matthew, S.**; 12 Beaver Run Drive, Quakertown, PA 18951 (US). **DiMATTEO, Kristian, J.**; Apartment 3, 50 Carey Avenue, Watertown, MA 02472 (US). **BETTUCHI, Michael, J.**; 36 Cushman Road, Brighton, MA 02135 (US). **GOLDS, Ellen**; 32 South Drive, Hastings-on-Hudson, NY 10706 (US).

(74) **LEWIS, Christopher, R.**; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US) et al. / etc.

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

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

---

(51)[7] **A61F 2/06**

(11) **WO 00/71059** (13) A1

(21) PCT/US00/14039

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,971 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/573,273 **18 May/mai 2000** US **(18.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STENT DELIVERY SYSTEM FOR PREVENTION OF KINKING, AND METHOD OF LOADING AND USING SAME
• SYSTEME DE POSE D'ENDOPROTHESE POUR PREVENIR LA FORMATION D'UN VRILLAGE, ET PROCEDE DE CHARGEMENT ET D'UTILISATION

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55331-1566 (US).

(72) **HIJLKEMA, Lukas, J.**; Ballynahalla, Moycullen, County Galway (IE). **FRIEL, Fionnan**; Cappagh Road, Barna, County Galway (IE). **MCMAHON, Michael**; Ballinagoul, Glin, County Limerick (IE).

(74) **LEWIS, Christopher, R.**; Ratner & Prestia, 301 One Weslakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US) et al. / etc.

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

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

---

(51)[7] **A61F 2/56, 2/72**

(11) **WO 00/71060** (13) A1

(21) PCT/JP00/03219

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/139150 **19 May/mai 1999 (19.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOVABLE FINGER FOR PROSTHESES, UPPER EXTREMITY PROSTHESES USING THIS MOVABLE FINGER, AND MOVABLE FINGER CONTROLLER
• DOIGT MOBILE POUR PROTHESES, PROTHESES DE MEMBRE SUPERIEUR DANS LAQUELLE LEDIT DOIGT MOBILE EST UTILISE ET ORGANE DE COMMANDE DU DOIGT MOBILE

(71) **HARADA ELECTRONICS CO., LTD.** [JP/JP]; 2-1, Ohdori-nishi 15-chome, Chuo-ku, Sapporo-shi, Hokkaido 060-0042 (JP). **JAPAN as represented by DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **HIGUCHI, Tetsuya** [JP/JP]; Electrotechnical Laboratory, Agency of Industrial Science and Technology, 1-4, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP).

(72, 75) **HARADA, Masahide** [JP/JP]; Harada Electronics Co., Ltd., 2-1, Ohdori-nishi 15-chome, Chuo-ku, Sapporo-shi, Hokkaido 060-0042 (JP).

(74) **SUGIMURA, Akihide** et al. / etc.; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CA US.

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

---

(51)[7] **A61F 2/66**

(11) **WO 00/71061** (13) A1

(21) PCT/US00/09823

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,704 **24 May/mai 1999 (24.05.1999)** US

(30) 09/502,455 **11 Feb/fév 2000 (11.02.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROSTHETIC FOOT HAVING SHOCK ABSORPTION
• PROTHESE DE PIED A EFFET D'AMORTISSEUR

(71) **OHIO WILLOW WOOD COMPANY** [US/US]; 15441 Scioto Darby Road, P.O. Box 130, Mount Sterling, OH 43143 (US).

(72) **DODDROE, Jeffrey, L.**; 5107 State, Route 41 North, Washington Court House, OH 43160 (US). **ARBOGAST, Robert, E.**; 12900 State, Route 56 Southeast, Mount Sterling, OH 43143 (US). **COLVIN, James, M.**; 3454 Anchorage Lane, Hilliard, OH 43026 (US). **CAPPER, James, W.**; 12350 Kiousville-Palestin Road, Mount Sterling, OH 43143 (US). **SRINIVASAN, Sujatha**; 5576 Ranchwood Drive, Columbus, OH 43228 (US).

(74) **POUS, Robert, T.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Crystal Square Five, 4th floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

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

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

---

(51)[7] **A61F 9/007**

(11) **WO 00/71062** (13) A1

(21) PCT/FR99/01213

(22) **21 May/mai 1999 (21.05.1999)**

(25) fr (26) fr

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BI-CANALICULAR PROBE FOR THE TREATMENT OF LACRIMATION OF THE EYE
• SONDE BICANALICULAIRE POUR LE TRAITEMENT DU LARMOIEMENT DE L'OEIL

(71, 72) **BIGE, Pierre, André, Jacques** [FR/FR]; 441, chemin de Paramido, Port d'Alon, F-83270 Saint-Cyr-sur-Mer (FR).

(74) **BERGER, Helmut**; Cabinet Weinstein, 56A, rue du Faubourg Saint Honoré, F-75008 Paris (FR).

(81) CA CN JP.

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

---

(51)[6] **A61F 11/04, A61N 1/375, A61M 25/01**

(11) **WO 00/71063** (13) A1

(21) PCT/AU99/00391

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A COCHLEAR IMPLANT ELECTRODE ARRAY
• RESEAU D'ELECTRODES POUR IMPLANT COCHLEAIRE

(71) **COCHLEAR LIMITED** [AU/AU]; 14 Mars Road, Lane Cove, NSW 2066 (AU).

(72) **TREABA, Claudiu-Gheorghe**; 4/39 Belmont Avenue, Wollstonecraft, NSW 2065 (AU). **DADD, Fysh**; 19 Loftus Street, Leichhardt, NSW 2040 (AU). **DARLY, Ian**; 18 Northcott Road, Cromer Heights, NSW 2099 (AU). **PARKER, John**; 19 Moore Street, Roseville, NSW 2069 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; Unit 1, The Village, 39-117 Delhi Road, Riverside Corporate Park, North Ryde, NSW 2113 (AU).

(81) AU CA CN JP.

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

---

(51)[7] **A61F 13/00, C08J 3/00, A61K 9/10, A61M 31/00**

(11) **WO 00/71064** (13) A1

(21) PCT/US00/13719

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,222 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR DELIVERING IN VIVO UNIFORM DISPERSED EMBOLIC COMPOSITIONS OF HIGH VISCOSITY
• METHODES D'ADMINISTRATION *IN VIVO* DE COMPOSITIONS D'EMBOLISATION DE GRANDE VISCOSITE DISPERSEES DE MANIERE UNIFORME

(63) US 60/135,222 (CIP)
21 May/mai 1999 (21.05.1999)

(71) **MICRO THERAPEUTICS, INC.** [US/US]; 2 Goodyear, Irvine, CA 92618 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TRAN, Chinh, Ngoc** [US/US]; 21741 Alvarez, Mission Viejo, CA 92691 (US). **HAYMAN, Douglas, Ray** [US/US]; 26928 Begonia Place, Mission Viejo, CA 92692 (US). **WHALEN, Tom, II** [US/US]; 958 Capri Road, Encinitas, CA 92024 (US).

(74) **KREBS, Robert, E.** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR

GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **A61F 13/04, A61L 15/07**

(11) **WO 00/71065** (13) A1

(21) PCT/US00/13874

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,524 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ORTHOPEDIC SPLINTING ARTICLE
• ATTELLE ORTHOPEDIQUE

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **NOVICH, Walter, J.**; 1035 Highmont Road, Pittsburgh, PA 15232 (US). **ROBERTSON, Walter, J.**; 28 Shannopin Drive, Pittsburgh, PA 15202 (US).

(74) **SIMINERIO, Andrew, C.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61F 13/06, 13/10**

(11) **WO 00/71066** (13) A1

(21) PCT/FR00/01359

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06828 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELASTIC SLEEVE WITH A VISCOELASTIC LINING FOR THE PROTECTION OR CARE OF FINGERS OR TOES
• MANCHON ELASTIQUE A GARNITURE VISCOELASTIQUE POUR LA PROTECTION OU LE SOIN DE DOIGTS OU D'ORTEILS

(71) **EPITACT** [FR/FR]; Sortie A7, F-26270 Loriol sur Drome (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARTIN, Jean-Luc** [FR/FR]; 50, Lot. Les Loriots, Rue Jean Bart, F-26270 Loriol (FR).

(74) **MARCHAND, André**; OMNIPAT, 24, place des Martyrs de la Résistance, F-13100 Aix en Provence (FR).

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

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

---

(51)[7] **A61F 13/15**

(11) **WO 00/71067** (13) A1

(21) PCT/KR00/00507

(22) **20 May/mai 2000 (20.05.2000)**

(25) en (26) en

(30) 1999/18375 **21 May/mai 1999** KR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUID INTAKE INTENSIFIER
• INTENSIFICATEUR D'ABSORPTION DE LIQUIDES

(71) **YUHAN-KIMBERLY LTD.** [KR/KR]; 942 Daechi 3-dong, Kangnam-ku, Seoul 135-725 (KR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KIM, Doo-Hong** [KR/KR]; LG Apartment #1127-1303, Sanbon-dong, Kunpo-shi, Kyunggi-do 435-040 (KR). **KIM, Hyeong-Beom** [KR/KR]; 278-4 Bisan-dong, Dongan-ku, Anyang-shi, Kyunggi-do 431-050 (KR). **HWANG, Eo-Yeon** [KR/KR]; 652-9 Naeson-dong, Uwang-shi, Kyunggi-do 437-080 (KR). **KANG, Eun-Jung** [KR/KR]; 441-85, Bon-dong, Dongjack-ku, Seoul 156-060 (KR).

(74) **LEE, Kuiy, Dong**; Seoul Building, 114-31, Uni-dong, Chongro-ku, Seoul 110-350 (KR).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61F 13/15**

(11) **WO 00/71068** (13) A1

(21) PCT/KR00/00508

(22) **20 May/mai 2000 (20.05.2000)**

(25) en (26) en

(30) 1999/18358 **20 May/mai 1999** KR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ABSORBENT PAD WITH OPTIMUM SHAPED CORE
• TAMPON ABSORBANT A NOYAU DE FORME OPTIMALE

(71) **YUHAN-KIMBERLY LTD.** [KR/KR]; 942 Daechi 3-dong, Kangnam-ku, Seoul 135-725 (KR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KIM, Doo-Hong** [KR/KR]; LG Apartment #1127-1303, Sanbon-dong, Kunpo-shi, Kyunggi-do 435-040 (KR). **KIM, Hyeong-Beom** [KR/KR]; 278-4 Bisan-dong, Dongan-ku, Anyang-shi, Kyunggi-do 431-050 (KR). **HWANG, Eo-Yeon** [KR/KR]; 652-9 Naeson-dong, Uwang-shi, Kyunggi-do 437-080 (KR). **KANG, Eun-Jung** [KR/KR]; 441-85, Bon-dong, Dongjack-ku, Seoul 156-060 (KR).

(74) **LEE, Kuiy, Dong**; Seoul Building, 114-31, Uni-dong, Chongro-ku, Seoul 110-350 (KR).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61G 5/10, A63B 71/00**

(11) **WO 00/71069** (13) A1

(21) PCT/ES00/00047

(22) **11 Feb/fév 2000 (11.02.2000)**

(25) es (26) es

(30) P 9901111 **24 May/mai 1999** ES **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR PLAYING WHEELCHAIR FOOTBALL
• DISPOSITIF POUR JOUER AU FOOTBALL EN CHAISE ROULANTE

(71, 72) **SAN MIGUEL GOMEZ, José Raúl** [ES/ES]; Augusto G. Linares, 14-6°D, E-39006 Santander (ES). **SAN MIGUEL GOMEZ, Manuel** [ES/ES]; Calle Industria 14, 2°A, E-39610 Maliaño (ES).

(81) AU BR CA CN IN JP NO RU US.

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

---

(51)[7] **A61G 7/10**

(11) **WO 00/71070** (13) A1

(21) PCT/GB00/01850

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 9911627.9 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR RAISING LOADS
• PROCEDE ET DISPOSITIF DE LEVAGE DE CHARGES

(71) **STAFFORD RUBBER COMPANY LIMITED** [GB/GB]; Bellsize Close, Norton Canes, Cannock, Staffs WS11 3TQ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CAVENEY, Thomas, Matthew** [GB/GB]; Tintern, Green Road, Weston, Staffs ST18 0JQ (GB).

(74) **PARR, Ronald, Edward**; R.E. Parr & Co., Colman House, Station Road, Knowle, Solihull B93 0HL (GB).

(81) BR CA JP MX US.

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

---

(51)[7] **A61G 15/14, A61C 17/06**

(11) **WO 00/71071** (13) A1

(21) PCT/EP00/04653

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 564.3 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DENTAL TREATMENT AREA
• INSTALLATION DE DENTISTE

(71, 72) **FRANETZKI, Manfred** [DE/DE]; Nussallee 9, D-64625 Bensheim (DE).

(74) **ZINNGREBE, H.**; Saalbaustrasse 11, D-64283 Darmstadt (DE).

(81) AU JP US.

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

Published / Publiée : *(c)*

---

(51)[7] **A61H 1/00, 1/02, 5/00, A61M 1/00, 1/14, 1/34, 1/36, 1/37**

(11) **WO 00/71072** (13) A1

(21) PCT/US00/14442

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,420 **25 May/mai 1999** US **(25.05.1999)**

(30) 60/180,563 **4 Feb/fév 2000** US **(04.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYPERTHERMIA METHOD AND APPARATUS
• PROCÉDÉ ET APPAREIL D'HYPERTHERMIE

(71) **VIACIRQ, INC.** [US/US]; The Bourse, Building 2500, 2275 Swallow Hill Road, Pittsburgh, PA 15220 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FAUSSET, Michael** [US/US]; 50 Merlin Court, Lafayette, IN 47905 (US). **KEELING, Glenn** [US/US]; 200 Julrich Drive, McMurray, PA 15317 (US). **CLUPPER, G., Marc** [US/US]; 143 Great Oak Drive, Hampstead, NC 28443 (US). **RAINIER, Brad** [US/US]; 506 Currant Drive, Noblesville, IN 46060 (US).

(74) **BYRNE, Richard, L.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

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

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

---

(51)[7] **A61H 13/00, 23/02**

(11) **WO 00/71073** (13) A1

(21) PCT/US00/14352

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/316,990 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR TREATMENT OF XEROSTOMIA
• APPAREIL ET PROCEDE POUR TRAITER LA XEROSTOMIE

(71) **OPTIVA CORPORATION** [US/US]; 35301 Southeast Center Street, Snoqualmie, WA 98065 (US).

(72) **MEGINNISS, Stephen, M., III**; 3434 Kent Avenue West, Seattle, WA 98119 (US). **UNDERWOOD, Kevin, T.**; 5565 Konigs Court Northwest, Issaquah, WA 98027 (US).

(74) **PUNTIGAM, Clark, A.**; 2033 Sixth Avenue #1020, Seattle, WA 98121 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61H 15/00**

(11) **WO 00/71074** (13) A1

(21) PCT/NO00/00162

(22) **19 May/mai 2000 (19.05.2000)**

(25) no (26) en

(30) 19992440 **20 May/mai 1999** NO **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MASSAGE APPARATUS AND METHODS OF CONSTRUCTING SAME
• APPAREIL DE MASSAGE ET PROCEDE ASSOCIE

(71, 72) **KAALE, Bertel, Rune** [NO/NO]; N-6880, Sandane (NO).

(74) **AS BERGEN PATENTKONTOR**; C. Sundtsgt. 36, N-5004 Bergen (NO).

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

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

---

(51)[7] **A61H 23/02, A61N 1/32, 1/36, H04R 1/10**

(11) **WO 00/71075** (13) A1

(21) PCT/GB00/01841

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911614.7 **20 May/mai 1999** GB **(20.05.1999)**

(30) 9926049.9 **4 Nov/nov 1999** GB **(04.11.1999)**

(30) 0003189.8 **12 Feb/fév 2000** GB **(12.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BODY TREATMENT PRODUCT
• ARTICLE DE TRAITEMENT CORPOREL

(71, 72) **MAHER, Caroline** [GB/GB]; 19 Pheasant Walk, High Legh, Knutsford, Cheshire WA16 6LU (GB). **JOHNSON, Anthony** [GB/GB]; 8 Summerfield Village Court, Ringstead Drive, Dean Row, Wilmslow, Cheshire (GB).

(74) **GRAVES, Ronald**; 24 Fitzwilliam Avenue, Sutton, Macclesfield, Cheshire SK11 0EJ (GB).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61H 33/00, F24H 9/20**

(11) **WO 00/71076** (13) A1

(21) PCT/US00/14450

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,658 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SPA HEATER TEMPERATURE CONTROL CIRCUIT
• CIRCUIT DE REGULATION THERMIQUE D'UN ENSEMBLE DE CHAUFFAGE POUR CUVE THERMALE

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; 10 Mountain View, Upper Saddle River, NJ 07458 (US).

(72) **MCDONOUGH, William, B.**; 7876 Orchid Drive, Huntington Beach, CA 92648 (US).

(74) **SIMPSON, Andrew, H.**; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K**

(11) **WO 00/71077** (13) A2

(21) PCT/EP00/04644

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 256.3 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADJUVANT WHICH IS OPTIMIZED WITH REGARD TO STABILITY AND BIOCOMPATIBILITY (SBA) AND WHICH IS PROVIDED FOR INCREASING THE HUMORAL AND CELLULAR IMMUNE RESPONSE
• ADJUVANT A STABILITE ET BIOCOMPATIBILITE OPTIMISEES (SBA) POUR ACCROITRE LA REPONSE IMMUNITAIRE HUMORALE ET CELLULAIRE

(71) **PHARMASOL GMBH** [DE/DE]; Blohmstrasse 66A, D-12307 Berlin (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÜLLER, Rainer, Helmut** [DE/DE]; Stubenrauchstrasse 66, D-12161 Berlin (DE). **GRUBHOFER, Nikolaus** [DE/DE]; Am Kirchwald 6, D-69251 Gaiberg (DE). **OLBRICH, Carsten** [DE/DE]; Hasenheide 63, D-10967 Berlin (DE).

(74) **MANITZ, FINSTERWALD & PARTNER GBR**; Postfach 22 16 11, D-80506 München (DE).

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

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

---

(51)[7] **A61K**

(11) **WO 00/71078** (13) A2

(21) PCT/FR00/01422

(22) **25 May/mai 2000 (25.05.2000)**

(25) fr (26) fr

(30) 99/06892 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITION DESIGNED FOR IMPLEMENTING AN ANTITUMORAL OR ANTIVIRAL TREATMENT IN A MAMMAL
• COMPOSITION DESTINEE A LA MISE EN OEUVRE D'UN TRAITEMENT ANTITUMORAL OU ANTIVIRAL CHEZ UN MAMMIFERE

(71) **TRANSGENE** [FR/FR]; 11, rue de Mosheim, F-67000 Strasbourg (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ERBS, Philippe** [FR/FR]; 3, rue Kirschleger, F-67000 Strasbourg (FR). **JUND, Richard** [FR/FR]; 42, rue de Soultz, F-67100 Strasbourg (FR).

(74) **CABINET GERMAIN ET MAUREAU**; Boîte postale 6153, F-69466 Lyon Cedex 06 (FR).

(81) AU CA JP US.

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

---

(51)[7] **A61K**

(11) **WO 00/71079** (13) A2

(21) PCT/US00/13954

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,642 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROTEIN STABILIZED PHARMACOLOGICALLY ACTIVE AGENTS, METHODS FOR THE PREPARATION THEREOF AND METHODS FOR THE USE THEREOF
• AGENTS A STABILISATION PROTEINIQUE ACTIFS PHARMACOLOGIQUEMENT; PROCEDES DE FABRICATION ET METHODES D'UTILISATION

(63) US 09/316,642 (CIP) 21 May/mai 1999 (21.05.1999)

(71) **AMERICAN BIOSCIENCE, INC.** [US/US]; Suite 110, 2730 Wilshire Boulevard, Santa Monica, CA 90403 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DESAI, Neil, P.** [IN/US]; 3633 Purdue Avenue, Los Angeles, CA 90066 (US). **TAO, Chunlin** [CN/US]; 221 South Doheny Drive #206, Beverly Hills, CA 90211 (US). **YANG, Andrew** [US/US]; 4309 Rio Hondo Avenue, Rosemead, CA 91770 (US). **LOUIE, Leslie** [US/US]; 1608 Via Palermo, Montebello, CA 90640 (US). **YAO, Zhiwen** [CN/US]; 11121 Garfield Avenue, Culver City, CA 90230 (US). **SOON-SHIONG, Patrick** [US/US]; 12307 Dorothy Street, Los Angeles, CA 90049 (US). **MAGDASSI, Shlomo** [IL/IL]; Hanerd Street 36, Jerusalem (IL).

(74) **REITER, Stephen, E.**; Gray Cary Ware & Freidenrich, LLP, Suite 1600, 4365 Executive Drive, San Diego, CA 92121 (US).

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

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

---

(51)[7] **A61K**

(11) **WO 00/71080** (13) A2

(21) PCT/US00/13961

(22) **20 May/mai 2000 (20.05.2000)**

(25) en (26) en

(30) 60/135,035 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERACTION OF THE CYCLIC-AMP-SPECIFIC PHOSPHODIESTERASE PDE4D5 WITH RACK1
• INTERACTION DE LA PHOSPHODIESTERASE CYCLIQUE SPECIFIQUE DE AMP, DITE PDE4D5, AVEC RACK1

(71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; 210 Park Building, Salt Lake City, UT 84112 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOLGER, Graeme, B.** [CA/US]; 1397 East Arlington Drive, Salt Lake City, UT 84103 (US). **HOUSLAY, Miles, D.** [GB/GB]; Pharmacology Group, Dvn. of Biochemistry & Molecular Biology, Davidson & Wolfson Buildings, University of Glasgow, University Avenue, Glasgow G128QQ (GB). **STEELE, Michael, R.** [US/US]; 1258 Harrison Avenue, Salt Lake City, UT 84105 (US). **YARWOOD, Stephen, J.** [GB/CA]; Ontario Cancer Institute, Research Department, 8th Floor, Room 208, 610 University Avenue, Toronto, Ontario (CA).

(74) **HOWARTH, Alan, J.** et al. / etc.; Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, UT 84091-1909 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI

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

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

---

(51)[7] **A61K**

(11) **WO 00/71081** (13) A2

(21) PCT/US00/14619

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,008 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS OF DIAGNOSIS AND TREATMENT OF MENIERE DISEASE
• METHODES DE DIAGNOSTIC ET DE TRAITEMENT DE LA MALADIE DE MENIERE

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

(72) **ROBERTSON, Nahid**; Wellesley, MA (US). **MORTON, Cynthia**; Newton Center, MA (US). **VAN CAMP, Guy**; Antwerp, B-(BE). **FRANSEN, Erik**; Antwerp, B- (BE). **VAN DE HEYNING, Paul**; Antwerp, B-(BE).

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

(81) CA JP.

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

---

(51)[7] **A61K 6/02, 6/06, A61L 24/02, C04B 35/22**

(11) **WO 00/71082** (13) A1

(21) PCT/EP00/04532

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 956.8 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CERAMIC MATERIAL TO BE UTILIZED IN THE FIELD OF MEDICINE, USE OF THE SAME, AND METHOD FOR THE PRODUCTION THEREOF
• MATIERE CERAMIQUE POUR LA MEDECINE, SON UTILISATION ET SON PROCEDE DE PRODUCTION

(71) **ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG** [DE/DE]; Fahnenbergplatz, D-79098 Freiburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SALK, Manfred** [DE/DE]; Kolpingstr. 12, D-79115 Freiburg (DE). **FISCHER, Jens** [DE/CH]; Mühleweg 40, CH-3280 Murten (CH).

(74) **SEEHOF, M.**; Ammann Patentanwälte AG Bern, Schwarztorstrasse 31, CH-3001 Bern (CH).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 6/033, A61L 27/42**

(11) **WO 00/71083** (13) A1

(21) PCT/US00/13607

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

(25) en (26) en

(30) 60/135,009 **20 May/mai 1999** US **(20.05.1999)**

(30) 60/182,825 **16 Feb/fév 2000** US **(16.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYMER RE-INFORCED ANATOMICALLY ACCURATE BIOACTIVE PROSTHESES
• PROTHESES BIOACTIVES RENFORCEES PAR DES POLYMERES ET A PRECISION D'ADAPTATION ANATOMIQUE

(71) **BOSTON UNIVERSITY** [US/US]; 108 Bay State Road, Boston, MA 02215 (US).

(72) **GIORDANO, Russell, A.**; 172 Robert Road, Marlborough, MA 01752 (US). **WU, Benjamin, M.**; 5 Fernwood Road, West Roxbury, MA 02132 (US).

(74) **STEVENS, Richard, L.** et al. / etc.; Samuels, Gauthier & Stevens, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

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

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

---

(51)[7] **A61K 7/00, 7/42**

(11) **WO 00/71084** (13) A1

(21) PCT/IL00/00293

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/136,030 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD FOR OBTAINING PHOTOSTABLE SUNSCREEN COMPOSITIONS
• PROCEDE POUR OBTENIR DES COMPOSITIONS DE PROTECTION SOLAIRE PHOTOSTABLES

(71) **SOL-GEL TECHNOLOGIES LTD** [IL/IL]; Beit Hillel 5, 67017 Tel Aviv (IL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPIDOT, Noa** [IL/IL]; Hakramim 4 st., 90805 Mevasseret Zion (IL). **MAGDASSI, Shlomo** [IL/IL]; Hanerd st. 36, 96626 Jerusalem (IL). **AVNIR, David** [IL/IL]; Novomieski st. 2, 96908 Jerusalem (IL). **ROTTMAN, Claudio** [IL/IL]; Netiv Hamazalot 41/5, 97830 Jerusalem (IL). **GANS, Orit** [IL/IL]; Elkana, 44814 M.P. Efraim (IL). **SERI-LEVY, Alon** [IL/IL]; Paldi st. 6/11, 76248 Rehovot (IL).

(74) **NOAM, Meir**; P.O. Box 34335, 91342 Jerusalem (IL).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 7/00**

(11) **WO 00/71085** (13) A2

(21) PCT/US00/14141

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/320,153 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COSMETIC COMPOSITIONS CONTAINING OPTICAL BRIGHTENERS
• COMPOSITIONS COSMETIQUES RENFERMANT DES AZUREURS OPTIQUES

(71) **COLOR ACCESS, INC.** [US/US]; 7 Corporate Center Drive, Melville, NY 11747 (US).

(72) **COHEN, Isaac, D.**; 1939 East 9th Street, Brooklyn, NY 11223 (US).

(74) **TSEVDOS, Estelle, J.**; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

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

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

(51)[7] **A61K 7/06**

(11) **WO 00/71086** (13) A1

(21) PCT/EP00/04420

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 9912085.9 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF THE COMBINATION OF AMINO ACIDS HAVING AN ALIPHATIC SIDE CHAIN AND HAVING A BASIC SIDE CHAIN IN TOPICAL HAIR TREATMENT
• UTILISATION D'UNE COMBINAISON D'ACIDES AMINES A CHAINE LATERALE ALIPHATIQUE ET A CHAINE LATERALE BASIQUE DANS LE TRAITEMENT LOCAL DES CHEVEUX

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

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

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

(72) **TUCCORI, Sonia, Regina, Mangiavacchi**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **GRIFFITHS, Helen, Sarah**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 7/06, 7/09**

(11) **WO 00/71087** (13) A1

(21) PCT/JP00/03262

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/143229 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HAIR-TREATMENT COMPOSITION
• COMPOSITION DE TRAITEMENT CAPILLAIRE

(71) **TOYO HAKKO CO., LTD.** [JP/JP]; 89, Oiwake-cho 3-chome, Obu-shi, Aichi 474-0027 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KIMURA, Akihiko** [JP/JP]; Tokyo Hakko Co., Ltd., 89, Oiwake-cho 3-chome, Obu-shi, Aichi 474-0027 (JP). **OKADA, Toshitaka** [JP/JP]; Tokyo Hakko Co., Ltd., 89, Oiwake-cho 3-chome, Obu-shi, Aichi 474-0027 (JP). **TAKADA, Atsushi** [JP/JP]; Tokyo Hakko Co., Ltd., 89, Oiwake-cho 3-chome, Obu-shi, Aichi 474-0027 (JP).

(74) **KOJIMA, Seiji**; Atsuta Daidoseimei-Building 2F, 7-26, Jingu 3-chome, Atsuta-ku, Nagoya-shi, Aichi 456-0031 (JP).

(81) AU CN ID KR SG US.

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

---

(51)[7] **A61K 7/15, 7/48**

(11) **WO 00/71088** (13) A1

(21) PCT/US00/14091

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/317,525 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AFTER SHAVE COMPOSITION CONTAINING ALUMINUM CHLOROHYDRATE
• COMPOSITION APRES-RASAGE CONTENANT DU CHLORHYDRATE D'ALUMINIUM

(63) US 09/317,525 (CON) 24 May/mai 1999 (24.05.1999)

(71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MORRISSEY, Maureen, Sullivan** [US/US]; 57 Grove Street #1, Belmont, MA 02478 (US). **STAFFORD, Richard, E.** [US/US]; 1001 Wilson Boulevard #601, Arlington, VA 22209 (US).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 7/155, A45D 26/00, A01K 14/00, A61D 7/00**

(11) **WO 00/71089** (13) A1

(21) PCT/AU00/00487

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0444 **19 May/mai 1999** AU **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTROL OF WOOL GROWTH IN SHEEP AND RELATED ANIMALS
• REGULATION DE LA CROISSANCE DE LAINE CHEZ LE MOUTON ET LES ANIMAUX ASSIMILES

(71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2601 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BROWNLEE, Alan, George** [AU/AU]; 4 Dellwood Avenue, Earlwood, NSW 2206 (AU).

(74) **FB RICE & CO**; 139 Rathdowne Street, Carlton, VIC 3053 (AU).

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

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

---

(51)[7] **A61K 7/16**

(11) **WO 00/71090** (13) A1

(21) PCT/US00/14100

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/136,070 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ORAL COMPOSITIONS FOR CONTROLLING MOUTH AND BREATH ODORS CONTAINING A ZINC SALT
• COMPOSITIONS ORALES A BASE DE SEL DE ZINC PERMETTANT DE CONTROLER LES ODEURS BUCCO-RESPIRATOIRES

(71) **DENTSPLY INTERNATIONAL INC.** [US/US]; 570 West College Avenue, P.O. Box 872, York, PA 17405-0872 (US).

(72) **SMUCKER, Lisa**; 1920 Clybourne Ave., Chicago, IL 60614 (US). **CHILCOT, Connie**; 1301 Smile Way, York, PA 17404 (US).

(74) **HURA, Douglas, J.** et al. / etc.; Dentsply International Inc., 570 West College Avenue, P.O. Box 872, York, PA 17404-0872 (US).

(81) CA.

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 7/38, C01F 7/48, 7/56, 7/64**

(11) **WO 00/71091** (13) A1

(21) PCT/EP00/04207

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 9912167.5 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTIPERSPIRANT ALUMINUM COMPOUNDS, AND METHOD OF THEIR PREPARATION
• COMPOSES D'ALUMINIUM ANTISUDORIFIQUES ET LEUR PROCEDE DE PREPARATION

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

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

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

(72) **ASHCROFT, Alexander, Thomas**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **SMITH, Philippa, Margaret**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **PEARCE, Timothy** et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

---

(51)[7] **A61K 7/48, 7/00**

(11) **WO 00/71092** (13) A1

(21) PCT/KR99/00255

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SKIN WHITENER
• DECOLORANT POUR LA PEAU

(71) **LG CHEMICAL LTD.** [KR/KR]; LG Twin Towers, 20, Youido-dong, Youngdungpo-ku, Seoul 150-721 (KR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KIM, Cheong-Taek** [KR/KR]; LG Apt. 2-404, 386-4, Doryong-dong, Yuseong-ku, Daejeon-city 305-340 (KR). **KIM, Ho-Jeong** [KR/KR]; LG Apt. 1-404, 386-4, Doryong-dong, Yuseong-ku, Daejeon-city 305-340 (KR). **JUNG, Min-Hwan** [KR/KR]; LG Chemical Analysis Center, 104-1, Moonji-dong, Yuseong-ku, Daejeon-city 305-380 (KR). **JIN, Mu-Hyun** [KR/KR]; Saemmeori Apt. 206-2004, Doonsan-dong, Seo-ku, Daejeon-city 302-120 (KR).

(74) **KIM, Won-Ho**; 702, Teheran Bd., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

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

---

(51)[7] **A61K 7/48**

(11) **WO 00/71093** (13) A1

(21) PCT/US00/13376

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 9912093.3 **25 May/mai 1999** GB **(25.05.1999)**

(30) 9917013.6 **20 Jul/juil 1999** GB **(20.07.1999)**

(30) 0001234.4 **19 Jan/jan 2000** GB **(19.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NIACINAMIDE COMPOSITIONS WITH REDUCED TACK
• COMPOSITIONS A BASE DE NIACINAMIDE ET A POUVOIR POISSEUX REDUIT

(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) **CROOK, Teresa, Barbara** [—/GB]; 65 Bloomsbury Way, Hawley Hill, Camberley, Surrey GU17 9LY (GB). **MANN, Paul, Elliott** [GB/GB]; 13 Topstreet Way, Harpenden, Herts AL5 5TU (GB). **O'PREY, Conor, James** [GB/GB]; Top Floor Flat, 21 Sheen Park, Richmond, Surrey TW9 1UN (GB).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 7/48**

(11) **WO 00/71094** (13) A1

(21) PCT/US00/13860

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,161 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ASCORBIC ACID DERIVATIVE COMPOSITION FOR INCREASING CELL RENEWAL RATE
• COMPOSITION A BASE DE DERIVES D'ACIDE ASCORBIQUE DESTINEE A ACCELERER LE RENOUVELLEMENT CELLULAIRE

(63) US 09/316,161 (CON) 21 May/mai 1999 (21.05.1999)

(71) **AMWAY CORPORATION** [US/US]; 7575 Fulton Street, East, Ada, MI 49335 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHNEIDER, Louise, M.** [—/US]; 8555 Algoma Avenue, N.E., Rockford, MI 49341 (US).

(74) **NICHOLS, G., Peter**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 9/00**

(11) **WO 00/71095** (13) A2

(21) PCT/GB00/01856

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

(25) en (26) en

(30) 9911546.1 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RELEASE OF POORLY SOLUBLE AGENTS
• LIBERATION D'AGENTS FAIBLEMENT SOLUBLES

(71) **CENES DRUG DELIVERY LIMITED** [GB/GB]; Riverside Way, Riverside Business Park, Irvine KA11 5DJ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ADESUYI, Charles, Tokunbo** [NG/GB]; Flat 3/4, 341 Victoria Road, Glasgow G72 7SA (GB). **LIVINGSTONE, Mark, Alexander** [GB/GB]; Phoqus Ltd., 10 Kingshill Avenue, Kingshill, West Morling, Kent ME19 4PQ (GB). **MONTIETH, David** [GB/GB]; Brookside, Failford, S. Ayrshire KA5 5TF (GB). **DAWSON, Gordon, Findlay** [GB/GB]; Flat 3, 26 Spiers Wharf, Glasgow G4 9TB (GB).

(74) **MCCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

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

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

---

(51)[7] **A61K 9/00**

(11) **WO 00/71096** (13) A2

(21) PCT/US00/14350

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,818 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND COMPOSITIONS FOR NON-VIRAL GENE THERAPY FOR TREATMENT OF HYPERPROLIFERATIVE DISEASES
• METHODES ET COMPOSITIONS DE THÉRAPIE GÉNIQUE NON-VIRALE POUR LE TRAITEMENT DES MALADIES HYPERPROLIFÉRATIVES

(63) US 60/135,818 (CON) 24 May/mai 1999 (24.05.1999)

(71) **INTROGEN THERAPEUTICS, INC.** [US/US]; Suite 1850, 301 Congress Avenue, Austin, TX 78701 (US). **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th St., Austin, TX 78701 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RAMESH, Rajagopal** [—/US]; 5400 Braesvalley No. 96, Houston, TX 77096 (US). **ROTH, Jack, A.** [US/US]; 6516 Bromptom, Houston, TX 77005 (US). **SAEKI, Tomoyuki** [—/US]; 8181 Fannin, Houston, TX 77054 (US). **WILSON, Deborah** [US/US]; 11022 Silkwood, Houston, TX 77031 (US).

(74) **SHISHIMA, Gina, N.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).

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

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

---

(51)[7] **A61K 9/20, 9/16, 31/375, 33/00, 33/10, A61P 3/02**

(11) **WO 00/71097** (13) A1

(21) PCT/JP00/03220

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/139842 **20 May/mai 1999** JP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITION CONTAINING ASCORBIC ACID SALT
• COMPOSITION CONTENANT DU SEL D'ACIDE ASCORBIQUE

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MATOBA, Hiroshi** [JP/JP]; 5-6, Higashinakahama 5-chome, Joto-ku, Osaka-shi, Osaka 536-0023 (JP). **HAYANO, Atsuko** [JP/JP]; 490-1002, Kuji, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0032 (JP). **MAKINO, Tadashi** [JP/JP]; 5-23, Mishimaoka 2-chome, Ibaraki-shi, Osaka 567-0021 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX MZ NO NZ PL RO RU SG SI SK TJ TM TR TT UA US UZ VN YU ZA.

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

---

(51)[7] **A61K 9/20, 9/14, 9/16, 9/50**

(11) **WO 00/71098** (13) A1

(21) PCT/US00/14049

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,448 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A PHARMACEUTICAL COMPOSITION CONTAINING AN ACTIVE AGENT THAT IS MAINTAINED IN SOLID AMORPHOUS FORM AND METHOD OF MAKING THE SAME
• COMPOSITION PHARMACEUTIQUE CONTENANT UN AGENT ACTIF MAINTENU SOUS UNE FORME AMORPHE SOLIDE ET SON PROCEDE DE FABRICATION

(71) **PUREPAC PHARMACEUTICAL CO.** [US/US]; 200 Elmora Avenue, Elizabeth, NJ 07207 (US).

(72) **CHEN, Jinling**; 10 Childester Road, Randolph, NJ 07869 (US). **VILKOV, Zalman**; Rt. 1 Box 139, Dingman's Ferry, PA 18328 (US).

(74) **MUKAI, Robert, G.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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

---

(51)[7] **A61K 9/50, 31/137, A61P 25/24**

(11) **WO 00/71099** (13) A1

(21) PCT/IE00/00060

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 990406 **20 May/mai 1999** IE **(20.05.1999)**

(30) 60/135,028 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIPARTICULATE CONTROLLED RELEASE SELECTIVE SEROTONIN REUPTAKE INHIBITOR FORMULATIONS
• PREPARATIONS D'INHIBITEURS SPECIFIQUES DU RECAPTAGE DE LA SEROTONINE A LIBERATION MULTIPARTICULAIRE REGULEE

(71) **ELAN CORPORATION, PLC** [IE/IE]; Lincoln House, Lincoln Place, Dublin 2 (IE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JEARY, Theresa, Ann** [IE/IE]; The Cottage, Rooskey, Bealnamulla, Athlone, County Roscommon (IE). **MORRISSEY, Catherine, Ann** [IE/IE]; 17 Caisleán Riada, Coosan, County Westmeath (IE). **STARK, Paul** [IE/GB]; 37 Auburn Heights, Athlone, County Westmeath (IE).

(74) **ANNE RYAN & CO.**; 60 Northumberland Road, Ballsbridge, Dublin 4 (IE).

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

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ

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

---

(51)[7] **A61K 9/70**

(11) **WO 00/71100** (13) A1

(21) PCT/EP00/04460

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 23 427.2 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE AND METHOD FOR INCREASING THE TRANSDERMAL PERMEATION OF MEDICAMENTS
• DISPOSITIF ET PROCEDE POUR AUGMENTER LA PERMEATION TRANSDERMIQUE DE MEDICAMENTS

(71) **LTS LOHMANN THERAPIE-SYSTEME AG** [DE/DE]; Lohmannstrasse 2, D-56626 Andernach (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOCH, Andreas** [DE/DE]; Grabenstrasse 1, D-56581 Melsbach (DE). **VON FALKENHAUSEN, Christian** [DE/DE]; Merler Ring 7, D-53340 Meckenheim (DE). **MATUSCH, Rudolf** [DE/DE]; Am Hasenküppel 18A, D-35041 Marburg (DE). **ADAM, Bernd** [DE/DE]; Marktplatz 11, D-34613 Treysa (DE).

(74) **SCHMIDT, Werner**; LTS Lohmann Therapie-Systeme AG, Postfach 1525, D-56605 Andernach (DE).

(81) AU BR CA CN CZ HU IL IN JP KR MX NZ PL RU TR US ZA.

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/00**

(11) **WO 00/71101** (13) A2

(21) PCT/CA00/00607

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,545 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/143,123 **9 Jul/juil 1999** US **(09.07.1999)**

(30) 09/576,677 **23 May/mai 2000** US **(23.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND COMPOUNDS FOR INHIBITING AMYLOID DEPOSITS
• PROCEDES ET COMPOSES PERMETTANT D'INHIBER LES DEPOTS AMYLOIDES

(71) **QUEEN'S UNIVERSITY AT KINGSTON** [CA/CA]; Kingston, Ontario K7L 3N6 (CA). **NEUROCHEM, INC.** [CA/CA]; 7220 Frederick-Banting, Suite 100, Ville St-Laurent, Québec H4S 2A1 (CA).

(72) **SZAREK, Walter, A.**; 165 Ontario Street, Suite 301, Kingston, Ontario K7L 2Y6 (CA). **WEAVER, Donald, E.**; 27 College View Crescent, Kingston, Ontario K7M 7J8 (CA). **KONG, Xianqi**; 130 Place Angora, Dollard-des-Ormeaux, Québec H9B 2G8 (CA). **GUPTA, Ajay**; 255 St-Louis, Pointe-Claire, Québec H9R 5L6 (CA). **MIGNEAULT, David**; 750 Chabrier, Apt. 7, Laval, Québec H7S 2L2 (CA).

(74) **COTE, France** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

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

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

---

(51)[7] **A61K 31/00**

(11) **WO 00/71102** (13) A2

(21) PCT/DK00/00257

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PA 1999 00695 **19 May/mai 1999** DK **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF PROTON-GATED CATION CHANNELS AND THEIR USE IN THE TREATMENT OF ISCHAEMIC DISORDERS
• INHIBITEURS DE CANAUX CATIONIQUES A PORTE PROTONIQUE ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES ISCHEMIQUES

(71) **NEUROSEARCH A/S** [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VARMING, Thomas** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **WÄTJEN, Frank** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) **NEUROSEARCH A/S**; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).

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

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

---

(51)[7] **A61K 31/00**

(11) **WO 00/71103** (13) A2

(21) PCT/EP00/03430

(22) **14 Apr/avr 2000 (14.04.2000)**

(25) en (26) en

(30) 199 23 961.4 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF 15-DEOXYSPERGUALIN FOR THE TREATMENT OF HYPERREACTIVE INFLAMMATORY DISEASES AND AUTOIMMUNE DISEASES
• UTILISATION DE 15-DESOXYSPERGUALINE POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES HYPERREACTIVES ET DE MALADIES AUTO-IMMUNES

(71) **EURO NIPPON KAYAKU GMBH** [DE/DE]; Staufenstrasse 4, D-60323 Frankfurt/Main (DE). **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) **BIRCK, Rainer** [DE/DE]; V. Medizinische Universitätsklinik, Theodor-Kutzer-Ufer 1-3, D-68135 Mannheim (DE). **DREXLER, Johannes** [DE/DE]; Euro Nippon Kayaku GmbH, Staufenstrasse 4, D-60323 Frankfurt/Main (DE). **HOTTA, Osamu** [JP/JP]; 17-30, Tsubamezawa 2-chome, Miyagino-ku, Sendai-shi, Miyagi-ken (JP). **NOWACK, Rainer** [DE/DE]; Inselgraben 6, D-88131 Lindau (DE). **VAN DER WOUDE, Fokku, Johannes** [NL/DE]; V. Medizinische Universitätsklinik, Theodor-Kutzer-Ufer 1-3, D-68135 Mannheim (DE).

(74) **SPLANEMANN, Rainer** et al. / etc.; Rumfordstrasse 7, D-80469 München (DE).

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

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

---

(51)[7] **A61K 31/00**

(11) **WO 00/71104** (13) A2

(21) PCT/EP00/04562

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911926.5 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9925131.6 **22 Oct/oct 1999** GB **(22.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHARMACEUTICAL COMPOSITIONS AND USES
• COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS

(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 MBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT). *(only for / seulement pour AT)*

(72, 75) **OKUNO, Tetsuji** [JP/JP]; 1259-1, Kaminara, Kumagaya, Saitama Prefecture 360-0805 (JP). **GREEN, Jonathan** [GB/CH]; Waldstrasse 12, CH-4144 Arlesheim (CH). **WOOD, Jeanette, Marjorie** [NZ/CH]; In den Kleematten 18, CH-4105 Biel-Benken (CH).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Dept., CH-4002 Basel (CH).

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

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

---

(51)[7] **A61K 31/00**

(11) **WO 00/71105** (13) A2

(21) PCT/EP00/04680

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) MI99A001144 **24 May/mai 1999 (24.05.1999)** IT

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRICLOROACETIC ACID FOR THE PREPARATION OF SOLUTIONS AND/OR COMPOSITIONS FOR THE TREATMENT OF EROSIVE AND/OR ULCERATIVE LESIONS
• ACIDE TRICHLORACETIQUE UTILISE DANS LA PREPARATION DE SOLUTIONS ET/OU DE COMPOSITIONS POUR LE TRAITEMENT DE LESIONS EROSIVES ET/OU ULCEREUSES

(71, 72) **MEZZOLI, Giorgio** [IT/IT]; Via Ricci Curbastro, 56/1, I-48022 Lugo (IT).

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

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

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

---

(51)[7] **A61K 31/00**

(11) **WO 00/71106** (13) A2

(21) PCT/GB00/01875

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 9911499.3 **19 May/mai 1999 (19.05.1999)** GB

(30) 0002762.3 **8 Feb/fév 2000 (08.02.2000)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF TREATMENT
• METHODE DE TRAITEMENT

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

(72, 75) **REINSTEIN, Michael, J.** [US/US]; Forest Hospital/Rush Pres. Hospital, 4735 North Kenmore Street, Chicago, IL 60640 (US). **JONES, Andrew, Martin** [GB/GB]; Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(74) **ASTRAZENECA**; Global Intellectual Property, Patents., P.O. Box 272, Mereside, Alderley Park, Cheshire SK10 4TG (GB).

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

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

---

(51)[7] **A61K 31/00**

(11) **WO 00/71107** (13) A2

(21) PCT/IB00/00295

(22) **16 Mar/mar 2000 (16.03.2000)**

(25) en (26) en

(30) 60/135,520 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW PHARMACEUTICAL COMBINATIONS FOR NOS INHIBITORS
• NOUVELLES COMBINAISONS PHARMACEUTIQUES POUR LES INHIBITEURS DE NOS

(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) **SALTARELLI, Mario, David** [US/US]; Pfizer Central Research, Eastern Point Road, Groton, CT 06340 (US). **LOWE, John, Adams, III** [US/US]; Pfizer Central Research, Eastern Point Road, Groton, CT 06340 (US).

(74) **SPIEGEL, Allen, J.** et al. / etc.; Pfizer Inc., Patent Department, 235 East 42nd Street, New York, NY 10017 (US).

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

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

---

(51)[7] **A61K 31/00**

(11) **WO 00/71108** (13) A2

(21) PCT/US00/13341

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/135,069 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR TREATMENT OF ASTHMA USING S-OXYBUTYNIN
• PROCEDES DE TRAITEMENT DE L'ASTHME A L'AIDE DE S-OXYBUTYNINE

(71) **SEPRACOR INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JERUSSI, Thomas, P.** [US/US]; 19 Garvey Road, Framingham, MA 01701 (US).

(74) **GIOENI, Mary, Louise** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203 (US).

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

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

---

(51)[7] **A61K 31/00**

(11) **WO 00/71109** (13) A2

(21) PCT/US00/13701

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,840 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • S-(+)-DESMETHYLSELEGILINE AND ITS USE IN THERAPEUTIC METHODS AND PHARMACEUTICAL COMPOSITIONS
• S-(+)-DESMETHYLSELEGILINE ET SON UTILISATION THERAPEUTIQUE

(71) **SOMERSET PHARMACEUTICALS, INC.** [US/US]; 5215 West Laurel Street, Tampa, FL 33607-1729 (US).

(72) **DISANTO, Anthony, R.**; 40035-24th Avenue, Gobles, MI 49055 (US).

(74) **DAVIES, Tracey, B.**; Vinson & Elkins LLP, 2300 First City Tower, 1001 Fannin, Houston, TX 77202-6760 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI

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

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

---

(51)[7] **A61K 31/05, 9/00**

(11) **WO 00/71110** (13) A1

(21) PCT/FR00/01365

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06325 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHARMACEUTICAL COMPOSITIONS FOR ORAL ADMINISTRATION OF PHLOROGLUCINOL AND PREPARATION THEREOF
• COMPOSITIONS PHARMACEUTIQUES, DESTINEES A L'ADMINISTRATION PAR VOIE ORALE DE PHLOROGLUCINOL ET LEUR PREPARATION

(71) **PROMINDUS (ACTIONS PROMOTIONNELLES DANS L'INDUSTRIE ET LE COMMERCE)** [MA/MA]; 82 rue Ibn Batouta, 21000 Casablanca (MA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BENNIS, Abderrahim** [MA/MA]; 26 Rampe d'Anfa, Villa Antigua, 21000 Casablanca (MA). **SERRANO, Jean-Jacques** [FR/FR]; 999, avenue d'Occitanie, F-34090 Montpellier (FR). **BENNIS, Farid** [MA/MA]; 74 rue du Corail Paranfa, 21000 Casablanca (MA).

(74) **LE ROUX, Martine** et al. / etc.; Cabinet Beau de Lomenie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

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

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

---

(51)[7] **A61K 31/075**

(11) **WO 00/71111** (13) A1

(21) PCT/US00/13872

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,008 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STIMULATING TRANSPORT OF GLUCOSE INTO ANIMAL TISSUE BY THE ADMINISTRATION OF PINITOL
• STIMULATION DU TRANSPORT DE GLUCOSE DANS UN TISSU ANIMAL PAR ADMINISTRATION DU PINITOL

(71) **HUMANETICS CORPORATION** [US/US]; 18894 Lake Drive East, Chanhassen, MN 55317 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WEEKS, Charles, E.** [US/US]; 72 East Territorial, Battle Creek, MI 49015 (US).

(74) **SHERRILL, Michael, S.** et al. / etc.; Sherrill Law Offices, 4756 Banning Avenue, Suite 200, White Bear Lake, MN 55110-3205 (US).

(81) AU CA JP US.

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

---

(51)[7] **A61K 31/131, 31/155, 31/198, 31/223, A61P 7/00**

(11) **WO 00/71112** (13) A1

(21) PCT/US00/13685

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

(25) en (26) en

(30) 09/315,929 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THERAPEUTIC USES FOR NITRIC OXIDE INHIBITORS
• UTILISATIONS THERAPEUTIQUES D'INHIBITEURS D'OXYDE NITRIQUE

(63) US 09/315,929 (CIP) 20 May/mai 1999 (20.05.1999)
US 08/969,475 (CIP) 13 Nov/nov 1997 (13.11.1997)

(71) **COLD SPRING HARBOR LABORATORY** [US/US]; Nichols Building, One Bungtown Road, Cold Spring Harbor, NY 11724 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ENIKOLOPOV, Grigori** [RU/US]; 42 Pine Drive, Cold Spring Harbor, NY 11724 (US). **PEUNOVA, Natalia, I.** [RU/US]; 42 Pine Drive, Cold Spring Harbor, NY 11724 (US). **KUZIN, Boris, A.** [RU/RU]; 11 Ramenki Street, Building 1, Apt. 136, Moscow 117607 (RU). **CLINE, Hollis** [US/US]; Tiffany House, One Bungtown Road, Cold Spring Harbor, NY 11724 (US). **MICHURINA, Tatyana** [RU/RU]; First Kololovsky Drive, Building 16, Apt. 10, Moscow 117808 (RU).

(74) **COLLINS, Anne, J.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/275**

(11) **WO 00/71113** (13) A1

(21) PCT/US00/14228

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,995 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS OF TREATING PROLIFERATIVE DISORDERS
• METHODES DE TRAITEMENT DE TROUBLES PROLIFERANTS

(63) US 60/135,995 (CON) 25 May/mai 1999 (25.05.1999)

(71) **BIOMEDICINES, INC.** [US/US]; 1301 Marina Village Parkway, Suite 200, Alameda, CA 94501 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MORAN, Stanford, Mark** [US/US]; 55 Orinda View Road, Orinda, CA 94563 (US).

(74) **SWISS, Gerald, F.** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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

---

(51)[7] **A61K 31/275, C07C 255/50**

(11) **WO 00/71114** (13) A1

(21) PCT/US00/14855

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,732 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SALTS OF *CIS*-¢4-CYANO-4-(3-CYCLOPENTY-LOXY-4-METHOXYPHENYL) CYCLOHEXAN-1-CARBOXYLATE!
• SELS DE CIS-¢4-CYANO-4-(3-CYCLOPENTYLOXY-4-METHOXYPHENYLE) CYCLOHEXANE-1-CARBOXYLATE!

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUANG, Guisha, Kris** [US/US]; 1718 Osprey Drive, Audubon, PA 19403 (US).

(74) **KANAGY, James, M.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland

Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/352, C07D 311/02**

(11) **WO 00/71115** (13) A1

(21) PCT/US00/13880

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,416 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTIHYPERTENSIVE COMPOUND FROM CAESALPINIA BRASILIENSIS
• COMPOSE ANTHYPERTENSIF PRODUIT A PARTIR DE *CAESALPINIA BRASILIENSIS*

(71) **BRIGHAM YOUNG UNIVERSITY** [US/US]; A-285 ASB, P.O. Box 21231, Provo, UT 84602-1231 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OWEN, Noel, L.** [US/US]; Brigham Young University, C-104B BNSN, Provo, UT 84602 (US). **WOOD, Steven, Glen** [US/US]; Brigham Young University, C-214 BNSN, Provo, UT 84602 (US).

(74) **CLAYTON, Grant, R.** et al. / etc.; Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, UT 84091-1909 (US).

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

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

---

(51)[7] **A61K 31/40, C07D 207/34**

(11) **WO 00/71116** (13) A1

(21) PCT/IB00/00014

(22) **6 Jan/jan 2000 (06.01.2000)**

(25) en (26) en

(30) 775/DEL/99 **25 May/mai 1999** IN **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR THE PRODUCTION OF AMORPHOUS ATORVASTATIN CALCIUM
• PROCEDE RELATIF A LA PRODUCTION DE CALCIUM D'ATORVASTATINE AMORPHE

(71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19 Nehru Place, New Delhi 110 019, Maharashtra (IN).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KUMAR, Yatendra** [IN/IN]; U-26/5, DLF Qutab Enclave, Phase - III, Gurgaon 122 001, Haryana (IN). **THAPER, Rajesh, Kumar** [IN/IN]; B-26, Sunshine Apartments, Block "C", Sushant Lok - I, Gurgaon 122 002, Haryana (IN). **KUMAR, S., M., Dileep** [IN/IN]; Vaishali Apartments, Pocket A-12, 3C, Kalkaji Extension, New Delhi 110 019, Maharashtra (IN).

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

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

---

(51)[6] **A61K 31/40, 9/20 // C07D 209/44**

(11) **WO 00/71117** (13) A1

(21) PCT/JP99/02669

(22) **21 May/mai 1999 (21.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMMEDIATE RELEASE MEDICINAL COMPOSITIONS FOR ORAL USE
• COMPOSITIONS MEDICINALES A LIBERATION IMMEDIATE POUR ADMINISTRATION ORALE

(71) **KISSEI PHARMACEUTICAL CO., LTD.** [JP/JP]; 19-48, Yoshino, Matsumoto-shi, Nagano 399-8710 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OUCHI, Kiyohisa** [JP/JP]; 13-8, Takamiyakita, Matsumoto-shi, Nagano 390-0836 (JP). **KANEKO, Kaoru** [JP/JP]; Shimazakibiru 402, 3-2-15, Higashiohizumi, Nerima-ku, Tokyo 178-0063 (JP). **KANADA, Ken** [JP/JP]; 3-6-10, Sasabe, Matsumoto-shi, Nagano 390-0847 (JP).

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

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

---

(51)[7] **A61K 31/41, 31/433, 31/4245, A61P 29/00, C07D 271/07, 291/04, 285/08, 413/12**

(11) **WO 00/71118** (13) A1

(21) PCT/FR00/01386

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06366 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHOSPHOLIPASE $A_2$-SPECIFIC INHIBITING COMPOUNDS
• COMPOSES INHIBITEURS SPECIFIQUES DE LA PHOSPHOLIPASE $A_2$

(71) **UNIVERSITE PARIS 7 - DENIS DIDEROT** [FR/FR]; 2, place Jussieu, F-75005 Paris (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ASSOGBA, Léon** [BJ/FR]; 7, rue André Lenotre, F-77950 Maincy (FR). **HEYMANS, Françoise** [FR/FR]; 50, avenue Jean Jaurès, F-75019 Paris (FR). **DONG, Chang-Zhi** [CN/FR]; 1, allée Réjane, F-92000 Nanterre (FR). **GODFROID, Jean-Jacques** [FR/FR]; 20, rue de la Chine, F-75020 Paris (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/4164, A61P 25/28 // C07D 233/60, 401/06**

(11) **WO 00/71119** (13) A1

(21) PCT/JP00/03373

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/144336 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAG EXPRESSION PROMOTERS
• PROMOTEURS DE L'EXPRESSION DE LA GLYCOPROTEINE ASSOCIEE A LA MYELINE (MAG)

(71) **WELFIDE CORPORATION** [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) **KAWASAKI, Masakazu** [JP/JP]; 55-10, Heian-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0031 (JP). **GOTOH, Nobuharu** [JP/JP]; Welfide Corporation, Research Laboratories, 25-1, Shodaiohtani 2-chome, Hirakata-shi, Osaka 573-1153 (JP). **HAYASHI, Yoshiharu** [JP/JP]; Welfide Corporation, Research Laboratories, 25-1, Shodaiohtani 2-chome, Hirakata-shi, Osaka 573-1153 (JP). **KAWASAKI, Kazuyuki** [JP/JP]; Welfide Corporation, Development Laboratories, 955, Oaza-koiwai, Yoshitomi-machi, Chikujo-gun, Fukuoka 871-8550 (JP).

(74) **TAKASHIMA, Hajime**; Yuki Bldg., 3-9, Hiranomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/4164, 31/4174, 31/4178, C07D 233/56, 233/64, 405/06, 409/06**

(11) **WO 00/71120** (13) A1

(21) PCT/US00/14330

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,948 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTIBACTERIAL COMPOUNDS
• COMPOSES ANTIBACTERIENS

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEERDING, Dirk** [NL/US]; 1 Mill Creek Lane, Malvern, PA 19355 (US). **NEWLANDER, Kenneth, A.** [US/US]; 911 Sage Road, West Chester, PA 19382 (US).

(74) **MCCARTHY, Mary, E.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

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

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

---

(51)[7] **A61K 31/44, 9/50**

(11) **WO 00/71121** (13) A1

(21) PCT/FR00/01367

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06479 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MICROGRANULES INSOLUBLE IN GASTRIC FLUID, METHOD FOR OBTAINING SAME AND PHARMACEUTICAL PREPARATIONS
• MICROGRANULES GASTROPROTEGES, PROCEDE D'OBTENTION ET PREPARATIONS PHARMACEUTIQUES

(71) **LABORATOIRES DES PRODUITS ETHIQUES ETHYPHARM** [FR/FR]; 21, rue Saint-Mathieu, F-78550 Houdan (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CRIERE, Bruno** [FR/FR]; 12, rue Claude Debussy, F-27930 Gravigny (FR). **SUPLIE, Pascal** [FR/FR]; 11, rue du 8 Mai 1945, F-27400 Montaure (FR). **OURY, Pascal** [FR/FR]; 91, rue de Versailles, F-78150 Le Chesnay (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

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

---

(51)[7] **A61K 31/44, A61P 1/04**

(11) **WO 00/71122** (13) A1

(21) PCT/US99/11389

(22) **20 May/mai 1999 (20.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STABILIZED COMPOSITION BASED ON PYRIDINYL-SULFINYL-BENZIMIDAZOLES AND PROCESS
• COMPOSITION STABILISEE A BASE DE PYRIDINYL-SULFINYL-BENZIMIDAZOLE ET PROCEDE ASSOCIE

(71) **PAR PHARMACEUTICAL, INC.** [US/US]; One Ram Ridge Road, Spring Valley, NY 10577 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MALCOLM, S., F., Ross** [IL/IL]; 4 Peke'in Street, 62286 Tel Aviv (IL).

(74) **WITTEKIND, Raymond, R.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

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

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

Published / Publiée : *(a)*

---

(51)[7] **A61K 31/44, 31/47, C07D 221/18, 471/00, 217/00, 211/92**

(11) **WO 00/71123** (13) A1

(21) PCT/US00/12664

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/318,162 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW ANTI-SICKLING AGENTS: SELECTION METHODS AND EFFECTIVE COMPOUNDS
• NOUVEAUX AGENTS AGISSANT CONTRE LA FALCIFORMATION, METHODES DE SELECTION ET COMPOSES ACTIFS

(71) **SCRIPTGEN PHARMACEUTICALS, INC.** [US/US]; 610 Lincoln Street, Waltham, MA 02451 (US).

(72) **CORIN, Alan, F.**; 64 Brewster Road, Sudbury, MA 01776 (US). **PAKULA, Andrew, A.**; 7 Lexington Avenue, Lexington, MA 02421 (US). **BRYAN, Julianne**; 38 Wedgemere Road, Medford, MA 02155 (US).

(74) **MARTIN, Timothy, J.** et al. / etc.; Suite 200, 9250 W. 5th Avenue, Lakewood, CO 80226 (US).

(81) CA MX.

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

Published / Publiée : *(a)*

---

(51)[7] **A61K 31/445, C07D 211/22, 211/34**

(11) **WO 00/71124** (13) A1

(21) PCT/IB00/00708

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 776/DEL/99 **25 May/mai 1999** IN **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AMORPHOUS FORM OF FEXOFENADINE HYDROCHLORIDE
• FORME AMORPHE DE CHLORYDRATE DE FEXOFENADINE

(71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19, Nehru Place, New Delhi 110 019 (IN).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KUMAR, Naresh** [IN/IN]; U-27/7, Phase-III, DLF Qutab Enclave, Gurgaon 122 001, Haryana (IN). **KHANDURI, Chandras, Has** [IN/IN]; House No. 1952, Block - D, Palam Vihar, Gurgaon 122 001, Haryana (IN). **SHARMA, Mukesh** [IN/IN]; House No. 1952, Block - D, Palam Vihar, Gurgaon 122 001, Haryana (IN).

(74) **RANBAXY LABORATORIES LIMITED**; Jayadeep R. Deshmukh, Suite 2100, 600 College Road East, Princeton, NJ 08540 (US).

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

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/485, 9/70, A61P 25/04, 25/36**

(11) **WO 00/71125** (13) A2

(21) PCT/EP00/04458

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 23 551.1 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHARMACEUTICAL PREPARATION CONTAINING THE ACTIVE SUBSTANCE DIAMORPHINE AND ITS UTILIZATION IN A METHOD FOR TREATING OPIATE ADDICTION

• PREPARATION PHARMACEUTIQUE RENFERMANT DE LA DIAMORPHINE COMME PRINCIPE ACTIF, ET SON UTILISATION DANS UN PROCEDE DE TRAITEMENT D'OPIOMANIE

(71) **LTS LOHMANN THERAPIE-SYSTEME AG** [DE/DE]; Lohmannstrasse 2, D-56626 Andernach (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MATUSCH, Rudolf** [DE/DE]; Am Hasenküppel 18 A, D-35041 Marburg (DE). **ADAM, Bernd** [DE/DE]; Marktplatz 11, D--34613 Treysa (DE). **KOCH, Andreas** [DE/DE]; Grabenstrasse 1, D-56581 Melsbach (DE). **HOFFMANN, Hans-Rainer** [DE/DE]; Burghfstrasse 123, D-56566 Neuwied (DE). **ASMUSSEN, Bodo** [—/DE]; Schlossgarten 10, D-56170 Bendorf (DE).

(74) **SCHMIDT, Werner**; LTS Lohmann Therapie-Systeme AG, Postfach 1525, D-56605 Andernach (DE).

(81) AU BR CA CN CZ HU IL IN JP KR MX NZ PL RU TR US ZA.

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

---

(51)[7] **A61K 31/495, 45/06, A61P 31/18**

(11) **WO 00/71126** (13) A1

(21) PCT/EP00/04646

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911887.9 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • QUINOXALINE CONTAINING MEDICAMENTS FOR POST EXPOSURE PROPHYLAXIS OF AN HIV INFECTION

• MEDICAMENTS CONTENANT DE LA QUINOXALINE DESTINES A LA PROPHYLAXIE D'UNE INFECTION A VIH APRES EXPOSITION

(71) **THE JAPANESE NATIONAL INSTITUTE OF INFECTIOUS DISEASES** [JP/JP]; 1 Hachimandai, Tsukuba, Ibaraki 305-8043 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **MORI, Kazuyasu** [JP/JP]; 1-803-603 Takezone, Tsukuba 306-0032 (JP). **YASUTOMI, Yasuhiro** [JP/JP]; 511-B-42 Kannonji-cho, Tsu, Mie 514-0062 (JP). **SUGAMA, Kazushige** [JP/JP]; 2-2-227-14-103 Sakyo, Nara 631-0801 (JP). **SAWADA, Shuzo** [JP/JP]; 6-19-6 Kanokodai-kitamachi, Kita-ku, Kobe 651-1513 (JP). **RÜBSAMEN-WAIGMANN, Helga** [DE/DE]; Königssteiner Strasse 113, D-65812 Bad Soden/Taunus (DE).

(74) **BAUSCH, Thorsten** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 Münich (DE).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/52, 31/7076, A61P 29/00, A61K 31/00, A61P 17/02**

(11) **WO 00/71127** (13) A1

(21) PCT/US00/13987

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/317,678 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF ADENOSINE DEAMINASE INHIBITORS TO TREAT SYSTEMIC INFLAMMATORY RESPONSE SYNDROME

• UTILISATION DES INHIBITEURS DE L'ADENOSINE DEAMINASE POUR LE TRAITEMENT DU SYNDROME DE REPONSE INFLAMMATOIRE SYSTEMIQUE

(63) US 09/317,678 (CON) 24 May/mai 1999 (24.05.1999)

(71) **BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; Henry Administration Building, Suite 258, 506 South Wright Street, Urbana, IL 61801 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAW, William, R.** [US/US]; 4236 Elm Avenue, Brookfield, IL 60513 (US).

(74) **MARTIN, Alice, O.** et al. / etc.; Barnes & Thornburg, 2600 Chase Plaza, 10 S. LaSalle, Chicago, IL 60603 (US).

(81) AU CA US.

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/52**

(11) **WO 00/71128** (13) A1

(21) PCT/US00/06548

(22) **14 Mar/mar 2000 (14.03.2000)**

(25) en (26) en

(30) 60/128,005 **6 Apr/avr 1999** US **(06.04.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITIONS AND METHOD FOR DECREASING NEUROPATHIC PAIN

• COMPOSITIONS ET PROCEDES PERMETTANT DE REDUIRE LA DOULEUR NEUROPATHIQUE

(63) US 60/128,005 (CIP) 6 Apr/avr 1999 (06.04.1999)

(71) **TRUSTEES OF DARTMOUTH COLLEGE** [US/US]; Technology Transfer Office, 11 Rope Ferry Road #6210, Hanover, NH 03755-1404 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DELEO, Joyce, A.** [US/US]; 38 Wellington Circle, Lebanon, NH 03766 (US). **SCHUBERT, Peter** [DE/DE]; Floesserstrasse 4, 86974 Apfeldorf (DE).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (US).

(81) CA JP US.

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

---

(51)[7] **A61K 31/53, C07D 487/04**

(11) **WO 00/71129** (13) A1

(21) PCT/US00/13420

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/135,265 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/193,727 **31 Mar/mar 2000** US **(31.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PYRROLOTRIAZINE INHIBITORS OF KINASES

• PYRROLOTRIAZINES INHIBITEURS DE KINASES

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) **HUNT, John, T.**; 7 Skyfield Drive, Princeton, NJ 08540 (US). **BHIDE, Rajeev, S.**; 156 Barnsbury Road, Langhorne, PA 19047 (US). **BORZILLERI, Robert, M.**; 222 Riverwoods Drive, New Hope, PA 18938 (US). **QIAN, Ligang**; 11 Coventry Lane, Hopewell, NJ 08525 (US).

(74) **BABCOCK, Timothy, J.** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

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

---

(51)[7] **A61K 31/53, A61P 31/00, C07D 251/72**

(11) **WO 00/71130** (13) A1

(21) PCT/US00/14856

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/136,045 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HEXACYCLIC G-CSF MIMETICS
• MIMETIQUES HEXACYCLIQUES DE G-CSF

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUFFY, Kevin, J.** [GB/US]; 712 Mill Grove Drive, Norristown, PA 19403 (US). **LUENGO, Juan, I.** [ES/US]; 701 Pondview Drive, Audubon, PA 19403 (US).

(74) **DUSTMAN, Wayne, J.** 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) AU CA JP US.

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

---

(51)[7] **A61K 31/53, A61P 31/00, C07D 251/72**

(11) **WO 00/71131** (13) A1

(21) PCT/US00/14857

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/136,046 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HEXACYCLIC G-CSF MIMETICS
• MIMETIQUES HEXACYCLIQUES DE G-CSF

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUFFY, Kevin, J.** [GB/US]; 712 Mill Grove Drive, Norristown, PA 19403 (US). **LUENGO, Juan, I.** [ES/US]; 701 Pondview Drive, Audubon, PA 19403 (US).

(74) **DUSTMAN, Wayne, J.** 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) AU CA JP US.

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

---

(51)[7] **A61K 31/554, A61P 35/00, 43/00 // C07D 417/06, 417/14**

(11) **WO 00/71132** (13) A1

(21) PCT/JP00/03216

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/139196 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF 1,4-BENZOTHIAZEPINE DERIVATIVES AS DRUGS OVERCOMING CARCINOSTATIC TOLERANCE
• UTILISATION DE DERIVES 1,4-BENZOTHIAZEPINE EN TANT QUE MEDICAMENTS CONTRE LA TOLERANCE CANCEROSTATIQUE

(71) **JAPAN TOBACCO INC.** [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **KANEKO, Noboru** [JP/JP]; 2-23-12-403, Kasuga, Bunkyo-ku, Tokyo 112-0003 (JP).

(72, 75) **NISHIO, Kazuhito** [JP/JP]; 1-2-4-303, Nishinohara, Inzai-shi, Chiba 270-1334 (JP). **NAKAMURA, Takashi** [JP/JP]; B-102, 1605-1, Ohama-cho, Nagasaki-shi, Nagasaki 850-0066 (JP).

(74) **TAKASHIMA, Hajime**; Yuki Bldg., 3-9, Hiranomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

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

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

---

(51)[7] **A61K 31/565, 9/70**

(11) **WO 00/71133** (13) A1

(21) PCT/FR00/01345

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

(25) fr (26) fr

(30) 99/06367 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSDERMAL DEVICE FOR THE APPLICATION OF TESTOSTERONE OR ONE OF THE DERIVATIVES THEREOF
• DISPOSITIF TRANSDERMIQUE POUR L'ADMINISTRATION DE TESTOSTERONE OU D'UN DE SES DERIVES

(71) **PIERRE FABRE MEDICAMENT** [FR/FR]; 45, place Abel-Gance, F-92100 Boulogne-Billancourt (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SOURNAC, Michel** [FR/FR]; 15, rue Ournac, F-31400 Toulouse (FR). **LIORZOU, Laurent** [FR/FR]; 56, chemin de Malbou, F-31240 L'Union (FR). **BOUGARET, Joël** [FR/FR]; Rue de la Mairie, F-31570 Lanta (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

(81) AU BR CA CN JP MX US ZA.

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

---

(51)[7] **A61K 31/661, C07F 9/22**

(11) **WO 00/71134** (13) A1

(21) PCT/US00/14275

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,830 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ISOPHOSPHORAMIDE MUSTARD ANALOGS AND USE THEREOF
• ANALOGUES D'YPERITE D'ISOPHOSPHORAMIDE ET UTILISATION DE CEUX-CI

(71) **SOUTHERN RESEARCH INSTITUTE** [US/US]; 2000 Ninth Avenue South, Birmingham, AL 35205 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STRUCK, Robert, F.** [US/US]; 3533 Laurel View Lane, Birmingham, AL 35216 (US).

(74) **AMERNICK, Burton, A.** et al. / etc.; Pollock, Vande Sande & Amernick, P.O. Box 19088, Washington, DC 20036 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 31/69, A61P 35/00, A61K 45/06**

(11) **WO 00/71135** (13) A1

(21) PCT/US00/14505

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,861 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTI-TUMOR COMPRISING BOROPROLINE COMPOUNDS

- AGENTS ANTI-TUMORALES CONTENANT DES COMPOSES DE BOROPROLINE

(71) **POINT THERAPEUTICS, INC.** [US/US]; 75 Kneeland Street, Boston, MA 02111 (US).

(72) **WALLNER, Barbara, P.**; 64 Arrowhead Road, Weston, MA 02193 (US). **MILLER, Glenn**; 112 Montclair Road, Haverhill, MA 01830 (US).

(74) **GATES, Edward, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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

---

(51)[7] **A61K 31/715, C12P 1/00**

(11) **WO 00/71136** (13) A1

(21) PCT/US00/13693

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

(25) en (26) en

(30) 09/315,480 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADHESIVE N,O-CARBOXYMETHYLCHITOSAN COATINGS WHICH INHIBIT ATTACHMENT OF SUBSTRATE-DEPENDENT CELLS AND PROTEINS

- REVETEMENTS N,O-CARBOXYMETHYLCHITOSANE ADHESIFS INHIBANT LA FIXATION DE CELLULES ET DE PROTEINES A DES SUBSTRATS

(71) **CHITOGENICS, INC.** [US/US]; 55 Madison Avenue, 4th Floor, Morristown, NJ 07960 (US).

(72) **ELSON, Clive, M.**; 84 Anchor Drive, Halifax, Nova Scotia B3N 3E1 (CA). **LEE, Timothy, D., G.**; 6895 Churchill Drive, Halifax, Nova Scotia B3H 1E8 (CA).

(74) **LOREN, Ralph, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) CA JP MX.

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

---

(51)[7] **A61K 33/14, A23L 2/38**

(11) **WO 00/71137** (13) A1

(21) PCT/US99/15862

(22) **13 Jul/juil 1999 (13.07.1999)**

(25) en (26) en

(30) 09/316,500 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTROLYTE GELS FOR MAINTAINING HYDRATION AND REHYDRATION

- GELS D'ELECTROLYTES DESTINES A MAINTENIR L'HYDRATATION OU LA REHYDRATATION

(71) **PTS LABS** [US/US]; 28161 North Keith Drive, Lake Forest, IL 60045 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NELSON, Robert** [US/US]; 802 Wild Ginger Road, Sugar Grove, IL 60554 (US). **GLOWACKI, Mark** [US/US]; 1230 Yorkshire Woods Court, Wheaton, IL 60187 (US).

(74) **NOE, Jeremy**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).

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

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

---

(51)[7] **A61K 35/00**

(11) **WO 00/71138** (13) A2

(21) PCT/CA00/00610

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,955 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ORAL ADMINISTRATION OF LACTOBACILLUS FOR THE MAINTENANCE OF HEALTH IN WOMEN

- ADMINISTRATION ORALE DE LACTOBACILLUS POUR LA CONSERVATION D'UN BON ETAT DE SANTE CHEZ LA FEMME

(71, 72) **REID, Gregor** [CA/CA]; 71 Chesham Avenue, London, Ontario N6G 3V1 (CA). **BRUCE, Andrew, W.** [CA/CA]; Apartment 507, 235 St. Claire Avenue, West, Toronto, Ontario M4V 1R4 (CA).

(74) **ZAHL, Adrian** et al. / etc.; McFadden, Fincham, 225 Metcalfe Street, Suite 606, Ottawa, Ontario K2P 1P9 (CA).

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

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

---

(51)[7] **A61K 35/00**

(11) **WO 00/71139** (13) A2

(21) PCT/CA00/00611

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,954 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LACTOBACILLUS COMPOSITIONS AND METHODS FOR PREVENTING WOUND INFECTIONS AND BIOFILM FORMATION ON IMPLANTABLE SURGICAL DEVICES

- COMPOSITIONS DE LACTOBACILLUS ET PROCEDES POUR PREVENIR LES INFECTIONS DE PLAIES ET LA FORMATION D'UN FILM BIOLOGIQUE SUR DES DISPOSITIFS CHIRURGICAUX IMPLANTABLES

(71, 72) **REID, Gregor** [CA/CA]; 71 Chesham Avenue, London, Ontario N6G 3V1 (CA). **BRUCE, Andrew, W.** [CA/CA]; Apt. 507, 235 St. Claire Avenue, West, Toronto, Ontario M4V 1R4 (CA).

(74) **ZAHL, Adrian** et al. / etc.; McFadden, Fincham, 225 Metcalfe Street, Suite 606, Ottawa, Ontario K2P 1P9 (CA).

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

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

---

(51)[7] **A61K 35/00**

(11) **WO 00/71140** (13) A2

(21) PCT/US00/13513

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

(25) en (26) en

(30) 09/316,001 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND COMPOSITIONS FOR MODULATING IMMUNE RESPONSE AND FOR THE TREATMENT OF INFLAMMATORY DISEASE

- PROCEDES ET COMPOSITIONS DE MODULATION DE LA REPONSE IMMUNITAIRE ET DE TRAITEMENT DES MALADIES INFLAMMATOIRES

(63) US 09/316,001 (CON) 21 May/mai 1999 (21.05.1999)

(71) **FOODSCIENCE CORPORATION** [US/US]; 20 New England Drive, Essex Junction, VT 05453 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KENDALL, Roger, V.** [US/US]; 190 Huntley Road, Westford, VT 05494 (US). **LAWSON, John** [US/US]; 222 Kings Way, Clemson, SC 29631 (US).

(74) **JOYCE, Catherine, M.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza 1, 2200 Clarendon Boulevard, Suite 1400, Arlington, VA 22201 (US).

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

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

---

(51)[7] **A61K 35/14, C07H 21/04, C12P 21/04, 21/06**

(11) **WO 00/71141** (13) A1

(21) PCT/US00/13541

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/315,179 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MODIFIED FACTOR VIII
• FACTEUR VIII MODIFIE

(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, GA 30322 (US).

(72) **LOLLAR, John, S.**; 2568 Oak Crossing Drive, Decatur, GA 80033 (US).

(74) **GREENLEE, Lorance, L.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

(81) AU CA JP.

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

---

(51)[7] **A61K 35/16**

(11) **WO 00/71142** (13) A1

(21) PCT/US00/08222

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/316,117 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PREPARING DUAL VIRALLY INACTIVATED IMMUNE GLOBULIN FOR INTRAVENOUS ADMINISTRATION
• PROCEDE DE PREPARATION DE GAMMA-GLOBULINE AYANT SUBI UNE INACTIVATION VIRALE, DESTINEE A ETRE ADMINISTREE PAR VOIE INTRAVEINEUSE

(71) **ALPHA THERAPEUTIC CORPORATION** [US/US]; 5555 Valley Boulevard, Los Angeles, CA 90032 (US).

(72) **MAMIDI, Raja, R.**; 73 Rolling Ridge Drive, Pomona, CA 91766 (US). **BAGDASARIAN, Andranik**; 1227 Calle Estrella, San Dimas, CA 91773 (US). **CANAVERAL, Gorgonio**; 608 Silver Valley Trail, Walnut, CA 91789 (US). **TAKECHI, Kazuo**; 25-1, Shodai-Ohtani 2-chome, Hirakata-City, Tokyo 573-1153 (JP).

(74) **GUBINSKY, Louis** et al. / etc.; Sughrue Mion Zinn MacPeak & Seas, PLLC, 2100 Pennsylvania Avenue, N.W., Suite 800, Washington, DC 20037-3213 (US).

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

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

---

(51)[7] **A61K 35/78, 7/48**

(11) **WO 00/71143** (13) A1

(21) PCT/FR00/01346

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

(25) fr (26) fr

(30) 99/06404 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CAKILE MARITIMA EXTRACT AND COSMETIC COMPOSITION CONTAINING SAID EXTRACT
• EXTRAIT DE CAKILE MARITIMA ET COMPOSITION COSMETIQUE LE CONTENANT

(71) **PIERRE FABRE DERMO-COSMETIQUE** [FR/FR]; 45, place Abel Gance, F-92100 Boulogne-Billancourt (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FABRE, Bernard** [FR/FR]; Lieu dit Ensemy, F-31450 Belberaud (FR). **DUSSERT, Anne-Sophie** [FR/FR]; 76, avenue Jean Rieux, F-31500 Toulouse (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

(81) CA JP US.

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

---

(51)[7] **A61K 35/78, 31/121, A61P 25/28, 43/00, A23L 1/30, C07C 49/203, 45/78 // 69/003, 69/587, 67/48**

(11) **WO 00/71144** (13) A1

(21) PCT/JP00/03135

(22) **16 May/mai 2000 (16.05.2000)**

(25) ja (26) ja

(30) 11/138791 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROLYL ENDOPEPTIDASE INHIBITOR
• INHIBITEUR DE LA PROLYL ENDOPEPTIDASE

(71) **DOMER, INC.** [JP/JP]; 3507, Oaza-koaso, Ueda-shi, Nagano 386-1213 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAYAHARA, Hiroshi** [JP/JP]; 3900-448, Nishi-minowa, Ina-shi, Nagano 399-4501 (JP). **TSUKAHARA, Kikuichi** [JP/JP]; 938, Oaza-nakano, Ueda-shi, Nagano 386-1325 (JP). **INAGAKI, Takeshi** [JP/JP]; Leopalace-minamizao 204, 1-8-33, Minamizao-cho, Fukuyama-shi, Hiroshima 721-0973 (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) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

---

(51)[7] **A61K 35/78, 31/198, A23L 2/00**

(11) **WO 00/71145** (13) A1

(21) PCT/KR99/00316

(22) **19 Jun/juin 1999 (19.06.1999)**

(25) en (26) en

(30) 09/317,590 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITION FOR RECOVERING FROM A HANGOVER AND FOR PREVENTING BRAIN CELL DAMAGE
• COMPOSITION PERMETTANT DE SOULAGER LES SYMPTOMES LIES A LA "GUEULE DE BOIS" ET D'EVITER LA DESTRUCTION DE CELLULES CEREBRALES

(71, 72) **KIM, Hee, Jung** [KR/KR]; 7-305 Asia Seonsuchon Apt., 86, Chamsil-dong, Songpa-gu, Seoul 138-220 (KR).

(72) **PARK, Yeong, Chul**; 106-1312 Woosung Apt., 365, Sinkil 3-dong, Youngdeungpo-ku, Seoul 150-053 (KR).

(74) **LEE, Hoo, Dong**; 7th-11th floors, Hankook Tire Building, 647-15, Yoksam-dong, Kangnam-ku, Seoul 135-723 (KR).

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

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

---

(51)[7] **A61K 38/00**

(11) **WO 00/71146** (13) A2

(21) PCT/EP00/02703

(22) **28 Mar/mar 2000 (28.03.2000)**

(25) en (26) en

(30) MI99A001122 **21 May/mai 1999** IT **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THE USE OF GSSG REDUCTASE FOR THE THERAPY AND PROPHYLAXIS OF HIV INFECTED PATIENTS
• UTILISATION DE GSSG REDUCTASE POUR UN TRAITEMENT THERAPEUTIQUE ET PROPHYLACTIQUE DE PATIENTS INFECTES PAR LE VIH

(71, 72) **ANSOVINI, Raffaele** [IT/IT]; Via dei Narcisi, 61/Q, I-06100 Perugia (IT).

(74) **MINOJA, Fabrizio** et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).

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

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

---

(51)[7] **A61K 38/00, 38/16**

(11) **WO 00/71147** (13) A1

(21) PCT/US00/14203

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/136,134 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL THERAPEUTIC USE OF VIRAL INFLAMMATION MODULATORY PROTEIN IN BLOCKING XENOGRAFT REJECTION
• NOUVELLE UTILISATION THERAPEUTHIQUE DE LA PROTEINE MODULATRICE DE L'INFLAMMATION VIRALE POUR BLOQUER LE REJET D'UNE XENOGREFFE

(71) **KING FAISAL SPECIALIST HOSPITAL AND RESEARCH CENTRE** [SA/SA]; P.O. Box 3354 - MBC 03, 11211 Riyadh (SA). **UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.** [US/US]; Office of Vice President for Research, Jouett Hall, Belknap Campus, University of Louisville, Louisville, KY 40292 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOTWAL, Girish, J.** [US/US]; 4664 Shenandoah Drive, Louisville, KY 40241 (US). **AL-MOHANNA, Futwan** [SA/SA]; Villa 81 DQ, KFSH & RC, 11211 Riyadh (SA). **PARHAR, Ranjit** [IN/SA]; KAC, Unit 229, KFSH & RC, P.O. Box 3354, 11211 Riyadh (SA).

(74) **REA, Teresa, Stanek** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 38/00**

(11) **WO 00/71148** (13) A2

(21) PCT/US00/14311

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,235 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THERAPEUTIC USES OF AGENTS THAT MODULATE THE ACTIVITY OF ALPHA-SMOOTH MUSCLE ACTIN
• UTILISATIONS THERAPEUTIQUES D'AGENTS MODULANT L'ACTIVITE DE L'ACTINE ALPHA DE MUSCLE LISSE

(71, 72) **SPECTOR, Myron** [US/US]; 91 Seaver Street, Brookline, MA 02445 (US).

(74) **SANZO, Michael, A.** et al. / etc.; Pillsbury Madison & Sutro, LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) CA JP.

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

---

(51)[7] **A61K 38/00**

(11) **WO 00/71149** (13) A2

(21) PCT/US00/14496

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/136,148 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THERAPEUTIC USES OF BPI PROTEIN PRODUCTS IN HUMANS WITH OTITIS MEDIA WITH EFFUSION
• UTILISATIONS THERAPEUTIQUES DE PRODUITS PROTEIQUES BPI SUR DES HUMAINS SOUFFRANT D'OTITE MOYENNE AVEC EPANCHEMENT

(71) **XOMA (US) LLC** [US/US]; 2910 Seventh Street, Berkeley, CA 94710 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GROTE, Jan, J.** [NL/NL]; Department of Otolaryngology, Leiden University - Medical Center, P.O. Box 9600, NL-2300 RC Leiden (NL). **NELL, Maartje, J.** [NL/NL]; Department of Otolaryngology, P.O. Box 9600, NL-2300 RC Leiden (NL).

(74) **RIN-LAURES, Li-Hsien**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (US).

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

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

---

(51)[7] **A61K 38/16, 39/395**

(11) **WO 00/71150** (13) A1

(21) PCT/US00/13515

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

(25) en (26) en

(30) 60/135,164 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TUMOR NECROSIS FACTOR RECEPTOR 5
• RECEPTEUR 5 DU FACTEUR DE NECROSE TUMORALE

(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) **WEI, Ying-Fei** [CN/US]; 242 Gravatt Drive, Berkeley, CA 94705 (US). **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). **GENTZ, Reiner, L.** [DE/US]; 13608 Mount Prospect Drive, Rockville, MD 20850 (US). **NI, Jian** [CN/US]; 5502 Manorfield Road, Rockville, MD 20853 (US).

(74) **STEFFE, Eric, K.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, DC 20005-3934 (US).

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

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

Published / Publiée : *(m)*

---

(51)[7] **A61K 38/17, 31/711, 48/00, A61P 1/16, C12N 15/12, C12Q 1/68, C07K 14/47, C12N 1/19, 1/15, 1/21, 5/10, C07K 16/18**

(11) **WO 00/71151** (13) A1

(21) PCT/JP00/03222

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/141106 **21 May/mai 1999** JP **(21.05.1999)**

(30) 2000/14044 **19 Jan/jan 2000** JP **(19.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIVER FUNCTION CONTROLLING AGENTS
• REGULATEURS DES FONCTIONS HEPATIQUES

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MATSUI, Hideki** [JP/JP]; Garden Hills Namiki 708, 16-1, Namiki 4-chome, Tsukuba-shi, Ibaraki 305-0044 (JP). **SHINTANI, Ysushi** [JP/JP]; Takeda Kasuga Haitsu 703, 7-9, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). **HIKICHI, Yukiko** [JP/JP]; Shareru Tsukuba Matsuhiro 1-504, 21-2, Matsushiro 4-chome, Tsukuba-shi, Ibaraki 305-0035 (JP).

(74) **TAKAHASHI, Shuichi** et al. / etc.; Osaka Plant of Takeda Chemical Industries, LTD., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

(81) AE AG AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX MZ NO NZ PL RO RU SG SI SK TJ TM TR TT UA US UZ VN YU ZA.

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

---

(51)[7] **A61K 38/18, 48/00, C07H 21/04, C07K 14/50, 16/22, C12N 15/00, 15/63, 15/85, C12Q 1/68, G01N 33/53**

(11) **WO 00/71152** (13) A1

(21) PCT/US00/13573

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

(25) en (26) en

(30) 60/135,523 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FIBROBLAST GROWTH FACTOR 10
• FACTEUR 10 DE CROISSANCE DES FIBROBLASTES

(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) **ROSEN, Craig, A.** [US/US]; 22400 Rolling Hill Road, Laytonsville, MD 20882 (US). **ALDERSON, Ralph** [US/US]; 12125 Orchard View Road, Gaithersburg, MD 20878 (US). **MELDER, Robert** [US/US]; 14407 Saturn Way, Boyds, MD 20841 (US). **DUAN, D., Roxanne** [US/US]; 5515 Northfield Road, Bethesda, MD 20817 (US). **HU, Jing-Shan** [CN/US]; 1247 Lake Side Drive, No. 3034, Sunnyvale, CA 94086 (US). **GOCAYNE, Jeannine, D.** [US/US]; 30 Eldwick Court, Potomac, MD 20854 (US).

(74) **WALES, Michele, M.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 38/57, 38/48, 38/45, 38/36**

(11) **WO 00/71153** (13) A2

(21) PCT/AT00/00141

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) A 895/99 **19 May/mai 1999** AT **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MEDICAMENT FOR LOCALISED APPLICATION, CONTAINING FIBRINOGEN, THROMBIN, TRANSGLUTAMINASES AND PROTEINASE INHIBITORS
• MEDICAMENT POUR APPLICATION LOCALE, CONTENANT DU FIBRINOGENE, DE LA THROMBINE, DES TRANSGLUTAMINASES ET DES INHIBITEURS DE PROTEASE

(71) **BIO-PRODUCTS & BIO-ENGINEERING AKTIENGESELLSCHAFT** [AT/AT]; Schottenring 10, A-1010 Wien (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EIBL, Johann** [AT/AT]; Gustav-Tschermakgasse 2, A-1180 Wien (AT).

(74) **SCHWARZ, Albin** et al. / etc.; Wipplingerstrasse 32/22, A-1010 Wien (AT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 39/00**

(11) **WO 00/71154** (13) A2

(21) PCT/EP00/04565

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 256.3 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STABILITY, BIOCOMPATIBILITY OPTIMIZED ADJUVANT (SBA) FOR ENHANCING HUMORAL AND CELLULAR IMMUNE RESPONSE
• ADJUVANT A STABILITE ET BIOCOMPATIBILITE OPTIMISEES POUR L'AUGMENTATION DE LA REPONSE IMMUNITAIRE HUMORALE ET CELLULAIRE

(71) **PHARMASOL GMBH** [DE/DE]; Blohmstrasse 66A, D-12307 Berlin (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÜLLER, Rainer, Helmut** [DE/DE]; Stubenrauchstrasse 66, D-12161 Berlin (DE). **GRUBHOFER, Nikolaus** [DE/DE]; Am Kirchwald 6, D-69251 Gaiberg (DE). **OLBRICH, Carsten** [DE/DE]; Hasenheide 63, D-10967 Berlin (DE).

(74) **MANITZ, FINSTERWALD & PARTNER GBR**; Postfach 22 16 11, D-80506 München (DE).

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

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

---

(51)[7] **A61K 39/00**

(11) **WO 00/71155** (13) A2

(21) PCT/GB00/01918

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911823.1 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9911824.2 **21 May/mai 1999** GB **(21.05.1999)**

(30) 0008029.1 **1 Apr/avr 2000** GB **(01.04.2000)**

(30) 0008032.5 **1 Apr/avr 2000** GB **(01.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW VACCINE FORMULATIONS - 2
• NOUVELLES FORMULATIONS VACCINALES -2

(71) **ONYVAX LIMITED** [GB/GB]; St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **SUTTON, Andrew** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB).

*(only for / seulement pour US)*

(72, 75) **SMITH, Peter** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **STEVENSON, Darren** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **CHANA, Haj** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **THRAVES, Peter** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB).

(74) **DAVIES, Jonathan, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

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

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

---

(51)[7] **A61K 39/00**

(11) **WO 00/71156** (13) A2

(21) PCT/GB00/01921

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911823.4 **21 May/mai 1999 (21.05.1999)** GB

(30) 9911824.2 **21 May/mai 1999 (21.05.1999)** GB

(30) 9911825.9 **21 May/mai 1999 (21.05.1999)** GB

(30) 0008029.1 **1 Apr/avr 2000 (01.04.2000)** GB

(30) 0008032.5 **1 Apr/avr 2000 (01.04.2000)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW VACCINE FORMULATIONS-3
• NOUVELLES FORMULATIONS VACCINALES-3

(71) **ONYVAX LIMITED** [GB/GB]; St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SUTTON, Andrew** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **SMITH, Peter** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **STEVENSON, Darren** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **CHANA, Haj** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **THRAVES, Peter** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB).

(74) **DAVIES, Jonathan, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

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

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

---

(51)[7] **A61K 39/00**

(11) **WO 00/71157** (13) A2

(21) PCT/GB00/01938

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911823.4 **21 May/mai 1999 (21.05.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW VACCINE FORMULATIONS - 1
• NOUVELLES PREPARATIONS VACCINALES - 1

(71) **ONYVAX LIMITED** [GB/GB]; St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SUTTON, Andrew** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **SMITH, Peter** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **STEVENSON, Darren** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB). **CHANA, Haj** [GB/GB]; Onyvax Limited, St. Georges Hospital Medical School, Cranmer Terrace, P.O. Box 17717, London SW17 0WG (GB).

(74) **DAVIES, Jonathan, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

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

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

---

(51)[6] **A61K 39/04, 39/112, 39/12, 39/02**

(11) **WO 00/71158** (13) A1

(21) PCT/US00/14687

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,210 **26 May/mai 1999 (26.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TAGGED EPITOPE PROTEIN TRANSPOSABLE ELEMENT
• ELEMENT TRANSPOSABLE PROTEIQUE A EPITOPE MARQUE

(71) **OREGON HEALTH SCIENCES UNIVERSITY** [US/US]; Office of Technology Management, L335, 3181 S.W. Sam Jackson Park Road, Portland, OR 97201-3098 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEFFRON, Fred, L.** [US/US]; 17887 Hillside Drive, West Linn, OR 97068 (US). **PARKER, David, C.** [US/US]; 1953 S.E. 20th Avenue, Portland, Or 97214 (US). **ELLEFSON, Dolph, D.** [US/US]; 3327A S.W. 12th Avenue, Portland, OR 97201 (US).

(74) **POLLEY, Richard, J.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 39/395, A61P 31/18**

(11) **WO 00/71159** (13) A1

(21) PCT/FR00/01399

(22) **22 May/mai 2000 (22.05.2000)**

(25) fr (26) fr

(30) 99/06528 **21 May/mai 1999 (21.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF ANTIBODIES IDENTIFYING THE INTERLEUKIN-2 RECEPTOR

FOR PREVENTING AND/OR TREATING HIV INFECTIONS

- UTILISATION D'ANTICORPS RECONNAISSANT LE RECEPTEUR DE L'INTERLEUKINE-2 DANS LA PREVENTION ET/OU LE TRAITEMENT DES INFECTIONS PAR LES VIRUS DU SIDA.

(71) **HIPPOCAMPE** [FR/FR]; 50/52, avenue du Chanoine Cartellier, F-69230 Saint Genis Laval (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SERRES, Pierre-François** [FR/FR]; 4, rue du Dr. Reur, F-69350 Saint Genis Laval (FR).

(74) **TONNELLIER, Jean-Claude**; Nony & Associés, 29, rue Cambacérès, F-75008 Paris (FR).

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

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

---

(51)[7] **A61K 39/395, 45/00, 31/519, 31/506, 31/517, 31/505, 31/5415, 31/155, A61P 37/06, 29/00, 19/02 // C07D 475/08, 403/10, 471/04, 239/95, 487/04, 239/48, C07C 279/26**

(11) **WO 00/71160** (13) A1

(21) PCT/JP00/03324

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143033 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MEDICINAL COMPOSITIONS CONTAINING ANTI-Fas ANTIBODY
• COMPOSITIONS MEDICINALES CONTENANT UN ANTICORPS ANTI-FAS

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

(72, 75) **SERIZAWA, Nobufusa** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **ICHIKAWA, Kimihisa** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **YOSHIDA, Hiroko** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(74) **OHNO, Akio** et al. / etc.; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(81) AU BR CA CN CZ HU ID IL IN KR MX NO NZ PL RU TR US ZA.

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

---

(51)[7] **A61K 39/395, 48/00, C07H 21/04, C07K 14/00, C12Q 1/68, C12N 1/19, 15/00, G01N 33/536, 33/543**

(11) **WO 00/71161** (13) A1

(21) PCT/US00/13017

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/315,794 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/389,341 **2 Sep/sep 1999** US **(02.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ESSENTIAL GENES OF YEAST AS TARGETS FOR ANTIFUNGAL AGENTS, HERBICIDES, INSECTICIDES AND ANTI-PROLIFERATIVE DRUGS
• GENES ESSENTIELS DE LEVURE EN TANT QUE CIBLES D'AGENTS ANTIFONGIQUES, D'HERBICIDES, INSECTICIDES ET MEDICAMENTS ANTIPROLIFERANTS

(71) **ROSETTA INPHARMATICS, INC.** [US/US]; 12040 115th Avenue, N.E., Kirkland, WA 98034 (US).

(72) **ROBERTS, Christopher, J.**; 7019 Brooklyn Avenue N.E., Seattle, WA 98115 (US).

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

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 41/00**

(11) **WO 00/71162** (13) A2

(21) PCT/US00/11060

(22) **26 Apr/avr 2000 (26.04.2000)**

(25) en (26) en

(30) 60/135,060 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/325,769 **4 Jun/juin 1999** US **(04.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL CYANINE AND INDOCYANINE DYE BIOCONJUGATES FOR BIOMEDICAL APPLICATIONS
• NOUVEAUX BIOCONJUGUES CYANINE ET INDOCYANINE POUR APPLICATION MEDICALE

(71) **MALLINCKRODT INC.** [US/US]; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

(72) **ACHILEFU, Samuel**; 3424 San Sevilla Court, Bridgeton, MO 63044 (US). **DORSHOW, Richard, Bradley**; 11977 Niehaus Lane, St. Louis, MO 63146 (US). **BUGAJ, Joseph, Edward**; 2916 Kettering Drive, St. Charles, MO 63303 (US). **RAJAGOPALAN, Raghavan**; 13031 Vinson Court, Maryland Heights, MO 63043 (US).

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

(81) AU CA JP.

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

---

(51)[7] **A61K 47/22, 9/107**

(11) **WO 00/71163** (13) A1

(21) PCT/US00/13572

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/317,495 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/317,499 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/156,128 **27 Sep/sep 1999** US **(27.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EMULSION VEHICLE FOR POORLY SOLUBLE DRUGS
• EXCIPIENT EN EMULSION POUR MEDICAMENTS FAIBLEMENT SOLUBLES

(71) **SONUS PHARMACEUTICALS, INC.** [US/US]; Suite 102, 22026 20th Avenue, S.E., Bothell, WA 98021 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAMBERT, Karel, J.** [US/US]; P.O. Box 971, Woodinville, WA 98071 (US). **CONSTANTINIDES, Panayiotis, P.** [US/US]; 1630 228th S.E., #202, Bothell, WA 98021 (US). **QUAY, Steven, C.** [US/US]; Suite F-454, 23632 Highway 99, Edmonds, WA 98026 (US). **TUSTIAN, Alexander, K.** [US/US]; 3927 243rd Place S.E., Bothell, WA 98021 (US).

(74) **ACKERMAN, Joel, G.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4207 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 48/00, A61P 1/04, C12N 15/11**

(11) **WO 00/71164** (13) A1

(21) PCT/AU00/00498

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0510 **24 May/mai 1999** AU **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITION OF GASTRIC ACID PRODUCTION AND/OR SECRETION
• INHIBITION DE LA PRODUCTION ET/OU SECRETION DE L'ACIDE GASTRIQUE

(71, 72) **TACHAS, George** [AU/AU]; 2 Clunes Street, Kingsbury, VIC 3083 (AU).

(74) **F B RICE & CO**; 139 Rathdowne Street, Carlton, VIC 3053 (AU).

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

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

---

(51)[7] **A61K 48/00**

(11) **WO 00/71165** (13) A2

(21) PCT/US00/13769

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,139 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/174,388 **3 Jan/jan 2000** US **(03.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF CHIMERIC MUTATIONAL VECTORS TO CHANGE ENDOGENOUS NUCLEOTIDE SEQUENCES IN SOLID TISSUES
• UTILISATION DE VECTEURS MUTATIONNELS CHIMERES POUR MODIFIER DES SEQUENCES ENDOGENES DANS DES TISSUS SOLIDES

(63) US 60/135,139 (CON) 21 May/mai 1999 (21.05.1999)

(71, 72) **BARTLETT, Richard, J.** [US/US]; 1645 Neil Avenue, Columbus, OH 43210 (US). **RANDO, Thomas, A.** [US/US]; 3801 Miranda Avenue, Palo Alto, CA 94304 (US).

(74) **KOKULIS, Paul, N.** et al. / etc.; Pillsbury Madison & Sutro LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

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

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

---

(51)[7] **A61K 49/00, G01R 33/28**

(11) **WO 00/71166** (13) A2

(21) PCT/GB00/01897

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911681.6 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS
• PROCÉDÉ

(63) US 60/139,259 (CIP) 15 Jun/juin 1999 (15.06.1999)

(71) **NYCOMED IMAGING AS** [NO/NO]; P.O. Box 4220, N-0401 Oslo (NO).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **MOY, David** [GB/GB]; Frank B Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
*(only for / seulement pour GB)*

(72, 75) **AXELSSON, Oskar** [SE/SE]; Nycomed Innovation AB, Medeon Malmo, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). **OLOFSSON, Charlotte** [SE/SE]; Nycomed Innovation AB, Medeon Malmo, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). **MORGENSTJERNE, Axel** [DK/DK]; Dangaardsvej 6, 1th, DK-2800 Lyngby (DK). **HANSSON, Georg** [SE/SE]; Nycomed Innovation AB, Medeon Malmo, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). **JOHANNESSON, Haukur** [IS/SE]; Nycomed Innovation AB, Medeon Malmo, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). **ARDENKJAER-LARSEN, Jan, Henrik** [DK/SE]; Nycomed Innovation AB, Medeon Malmo, Per Albin Hanssons vag 41, S-205 12 Malmo (SE).

(74) **MOY, David** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

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

---

(51)[7] **A61K 49/00, C12Q 1/37**

(11) **WO 00/71167** (13) A1

(21) PCT/JP00/03270

(22) **23 May/mai 2000 (23.05.2000)**

(25) ja (26) ja

(30) 11/143308 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/212145 **27 Jul/juil 1999** JP **(27.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR EVALUATING MATRIX METALLOPROTEASE INHIBITORY ACTIVITY
• METHODE D'EVALUATION DE L'ACTIVITE INHIBITRICE DE LA METALLOPROTEASE MATRICIELLE

(71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP). **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210, Nakanuma, Minamiashigara-shi, Kanagawa 250-0123 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAEKAWA, Ryuji** [JP/JP]; Shionogi & Co., Ltd., 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP). **YOSHIOKA, Takayuki** [JP/JP]; Shionogi & Co., Ltd., 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP). **NEMORI, Ryoichi** [JP/JP]; Fuji Photo Film Co., Ltd., 210, Nakanuma, Minamiashigara-shi, Kanagawa 250-0123 (JP). **TAMURA, Yutaka** [JP/JP]; Fuji Photo Film Co., Ltd., 210, Nakanuma, Minamiashigara-shi, Kanagawa 250-0123 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

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

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

---

(51)[6] **A61K 49/00, 9/127, 39/12, G01N 31/00, 33/48, 33/53, 33/571, 33/542, 33/543, C12Q 1/70**

(11) **WO 00/71168** (13) A1

(21) PCT/US99/11488

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIPOSOME IMMUNOASSAY
• IMMUNOESSAI LIPOSOMIQUE

(71) **BLOOM, Leonard** [US/US]; 401 Washington Avenue, Suite 905, Towson, MD 21204 (US).

(71, 72) **TAUSK, Francisco, A.** [US/US]; 100 Harborview Drive #1409, Baltimore, MD 21230 (US). **ROBINSON, Howard, N.** [US/US]; 18 Hickory Knoll Court, Lutherville, MD 21093 (US).

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

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

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

---

(51)[7] **A61K 49/00**

(11) **WO 00/71169** (13) A2

(21) PCT/US00/13826

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,428 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAGNETIC RESONANCE TRACKING OF MAGNETICALLY LABELED CELLS
• RESONANCE MAGNETIQUE DE TRACAGE DE CELLULES MARQUEES MAGNETIQUEMENT

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY OF HEALTH AND HUMAN SERVICES** [US/US]; Office of Technology Transfer, National Institute of Health, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BULTE, Jeff, W.** [NL/US]; 6554 Autumn Circle, Clarksville, MD 21029 (US). **DUNCAN, Ian, D.** [US/US]; 137 Nautilus Drive, Madison, WI 53705 (US). **FRANK, Joseph, A.** [US/US]; 11819 Rosalinda Drive, Potomac, MD 20854 (US).

(74) **SCHNELLER, Marina, V.**; Venable, P.O. Box 34385, Washington, DC 20043-9998 (US).

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

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

---

(51)[7] **A61K 49/04**

(11) **WO 00/71170** (13) A1

(21) PCT/US00/13761

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,288 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL HIGH VISCOSITY EMBOLIZING COMPOSITIONS
• NOUVELLES COMPOSITIONS D'EMBOLISATION DE GRANDE VISCOSITE

(71) **MICRO THERAPEUTICS, INC.** [US/US]; 2 Goodyear, Irvine, CA 92618 (US). **GREFF, Richard, J.** [US/US]; 2891 Alton Drive, St. Pete Beach, FL 33706 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WHALEN, Thomas, J.** [US/US]; 720 Fieldstone Lane, Encinitas, CA 92024 (US). **TRAN, Chinh, N.** [US/US]; 21741 Alvarez, Mission Viejo, CA 92691 (US). **ROTH, Noah, M.** [US/US]; 203 Espanade, Irvine, CA 92612 (US).

(74) **KREBS, Robert, E.** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61K 51/00**

(11) **WO 00/71171** (13) A2

(21) PCT/US00/13834

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,274 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SIGMA-1 LIGANDS USEFUL FOR DETERMINING THE PROLIFERATIVE STATUS OF CANCER CELLS
• LIGANDS SIGMA-1 UTILES POUR DETERMINER L'ETAT DE PROLIFERATION DE CELLULES CANCEREUSES

(71) **WAKE FOREST UNIVERSITY** [US/US]; Medical Center Boulevard, Winston-Salem, NC 27157-1023 (US).

(72) **MACH, Robert, H.**; 1225 Willow Lake Court, Winston-Salem, NC 27106 (US).

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

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

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

---

(51)[6] **A61K 51/12, 51/10, C07F 5/00**

(11) **WO 00/71172** (13) A1

(21) PCT/US99/11491

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SITE SPECIFIC BINDING SYSTEM, NUCLEAR IMAGING COMPOSITIONS AND METHODS
• SYSTÈME DE LIAISON SPÉCIFIQUE DE SITE, COMPOSITIONS D'IMAGERIE NUCLÉAIRE ET MÉTHODES Y RELATIVES

(71) **BARNES-JEWISH HOSPITAL** [US/US]; 1 Barnes-Jewish Plaza, St. Louis, MO 63110 (US).

(72) **LANZA, Gregory, M.**; 216 South Kingshighway, P.O. Box 14109, St. Louis, MO 63178 (US). **WICKLINE, Samuel, A.**; 216 South Kingshighway, P.O. Box 14109, St. Louis, MO 63178 (US).

(74) **LEAVITT, Donald, G.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AU BR CA JP NO.

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

---

(51)[7] **A61L 2/00**

(11) **WO 00/71173** (13) A2

(21) PCT/US00/12593

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 60/135,279 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/556,227 **24 Apr/avr 2000** US **(24.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE AND METHOD FOR CIRCUIT PROTECTION DURING RADIATION STERILIZATION
• DISPOSITIF DE PROTECTION DE CIRCUIT DURANT UNE STERILISATION PAR RAYONNEMENT ET PROCEDE CORRESPONDANT

(71) **MINIMED INC.** [US/US]; 12744 San Fernando Road, Sylmar, CA 91342 (US).

(72) **VAN ANTWERP, William, P.**; 26833 Pinehurst Drive, Valencia, CA 91355 (US). **KARRE, Sheana**; 5006 Goldenrod Lane, Lincoln, NE 68512 (US). **PROKOP, Adrian**; 12840 197th Place NE, Woodinville, WA 98072 (US). **STINSON, Sara, Akiko**; 9 Dresden Bay, Alameda, CA 94502 (US). **FONG, Jason**; 984 Ruth Drive, Pleasant Hill, CA 94523 (US). **ROSENBERG, James, J.**; 179 N. Melrose Avenue, Monrovia, CA 91016 (US).

(74) **KOVELMAN, Paul, H.**; MiniMed, Inc., 12744 San Fernando Road, Sylmar, CA 91342 (US).

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

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR

GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **A61L 9/14**

(11) **WO 00/71174** (13) A1

(21) PCT/CH00/00238

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) de (26) de

(30) 978/99 **25 May/mai 1999** CH **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PERFUME DISPENSER
• DIFFUSEUR DE PARFUM

(71) **MASANI'S ART, FOOD & FASHION LTD.** [CH/CH]; Hubenstrasse 19, CH-8057 Zürich (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DROZ, Christian** [CH/CH]; Bölli 19, CH-5600 Lenzburg (CH).

(74) **FELDMANN AG**; Kanalstrasse 17, CH-8152 Glattbrugg (CH).

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

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

---

(51)[7] **A61L 12/14**

(11) **WO 00/71175** (13) A1

(21) PCT/US00/14608

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,195 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPHTHALMIC SOLUTIONS INCORPORATING AN ANTIMICROBIAL POLYPEPTIDE
• SOLUTIONS OPHTALMIQUES CONTENANT UN POLYPEPTIDE ANTIMICROBIEN

(71) **LARGE SCALE BIOLOGY CORPORATION** [US/US]; Suite 1000, 3333 Vaca Valley Parkway, Vacaville, CA 95688 (US). **SRI INTERNATIONAL** [US/US]; 333 Ravenswood Avenue, Menlo Park, CA 94025 (US). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US). **WESLEY-JESSEN CORPORATION** [US/US]; 333 East Howard Avenue, Des Plaines, IL 60018-5903 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **TUSE, Daniel** [US/US]; 104 Elm Street, Menlo Park, CA 94025 (US). **MORTELMANS, Kristien** [US/US]; 12388 Priscilla Lane, Los Altos Hills, CA 94022 (US). **HOKAMA, Leslie, A.** [US/US]; 126 Higgins Avenue, Los Altos, CA 94022 (US). **SELSTED, Michael, E.** [US/US]; 16 Young Court, Irvine, CA 92612 (US). **CHAPOY, Lawrence, L.** [US/US]; 348 Ridge Road, Barrington, IL 60010 (US). **QUINN, Michael, H.** [US/US]; 4302 Walden Lane, Valparaiso, IN 46383 (US).

(74) **LOCKYER, Jean, M.** et al. / etc.; Townsend and Townsend and Crew LLP, Eight Floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61L 15/00**

(11) **WO 00/71176** (13) A1

(21) PCT/KR00/00430

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 1999/18637 **24 May/mai 1999** KR **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WATER-ABSORBENT RESIN COMPOUND AND PROCESSING
• COMPOSE A BASE DE RESINE HYDROPHILE ET PROCEDE

(71) **KOLON CHEMICAL CO., LTD.** [KR/KR]; Kolon Tower, 1-23, Bylyang-dong, Kwacheon-city, Kyunggi-do 427-040 (KR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHUN, Bo, Kyung** [KR/KR]; Gong jac Apt. 207-909, 1587-5, Ganyand-dong, Dongan-gu, Anyang-city, Kyunggi-do 431-060 (KR). **KANG, Bong, Seo** [KR/KR]; Hana Apt. 101-704, 341-5, Kajung 2-dong, Suh-gu, Inchon-city 404-753 (KR). **KANG, Myung, Koo** [KR/KR]; 189-54, Wonmi-dong, Wonmi-gu, Buchon-city, Kyunggi-do 420-110 (KR).

(74) **CHO, Hwal, Rai**; Suite 1507, Yoksam Heights, 642-19, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) BR CA CN IN JP MX RU SG TR US.

(84) EP (BE DE DK ES FR GB IT).

---

(51)[7] **A61L 15/34, 15/18, 15/26, 15/48**

(11) **WO 00/71177** (13) A1

(21) PCT/US00/13849

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,691 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/563,638 **2 May/mai 2000** US **(02.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ABSORBENT ARTICLE HAVING A SKIN CARE COMPOSITION
• ARTICLE ABSORBENT INTEGRANT UNE COMPOSITION DE SOIN DE LA PEAU

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

(72) **GATTO, Joseph, Anthony**; 9119 Willow Creek Drive, Loveland, OH 45140 (US). **HANSER, Thomas, Robert**; 769 Lakewood Drive, TaylorMill, KY 41015 (US). **STAUDIGEL, James, Anthony**; 5599 Hickory Ridge Lane, Cincinnati, OH 45239 (US). **KLOFTA, Thomas, James**; 10404 Hopewell Hills, Cincinnati, OH 45249 (US). **CRAMER, Ronald, Dean**; 86 Oliver Road, Cincinnati, OH 45215 (US). **ROE, Donald, Carroll**; 6324 Emberwood Court, West Chester, OH 45069 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

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

---

(51)[7] **A61L 27/12, A61F 2/28**

(11) **WO 00/71178** (13) A1

(21) PCT/CH00/00275

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 935/99 **19 May/mai 1999** CH **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CALCIUM PHOSPHATE BONE SUBSTITUTE
• SUBSTITUT OSSEUX DE TYPE PHOSPHATE DE CALCIUM

(71) **ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)** [CH/CH]; Service des Relations Industrielles, CH-1015 Lausanne (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEMAITRE, Jacques** [CH/CH]; EPFL, MX-Ecublens, CH-1015 Lausanne (CH). **TERRAZZONI, Stéphane** [FR/CH]; EPFL, MX-Ecublens, CH-1015 Lausanne (CH).

(74) **ROLAND, André**; P.O. Box 1259, 38, rue du Petit-Chêne, CH-1001 Lausanne (CH).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61L 27/16, 27/56**

(11) **WO 00/71179** (13) A1

(21) PCT/US00/14453

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,383 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXPANDED POLYTETRAFLUOROETHYLENE VASCULAR GRAFT WITH INCREASED HEALING RESPONSE

• GREFFON VASCULAIRE EN POLYTETRAFLUORETHYLENE EXPANSE A REACTION DE CICATRISATION AMELIOREE

(71) **IMPRA, INC.** [US/US]; 1625 West 3rd Street, P.O. Box 1740, Tempe, AZ 85280-1740 (US).

(72) **EDWIN, Tarun, J.**; P.O. Box 25118, Tempe, AZ 85282 (US). **BANAS, Christopher, E.**; 102 Rock Squirrel Road, San Antonio, TX 78231 (US).

(74) **WIGHT, Todd, W.** et al. / etc.; Morrison & Foerster, LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

(81) CA JP MX.

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

Published / Publiée : *(c)*

---

(51)[7] **A61L 27/58, 27/52, 24/00**

(11) **WO 00/71180** (13) A1

(21) PCT/US00/11265

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/316,688 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BIOADHESIVE HYDROGELS WITH FUNCTIONALIZED DEGRADABLE CROSSLINKS

• HYDROGELS BIOADHESIFS A RETICULATIONS DEGRADABLE FONCTIONNALISEES

(71) **THE B.F.GOODRICH COMPANY** [US/US]; 3 Coliseum Centre, 2550 W. Tyvola Road, Charlotte, NC 28217-4543 (US).

(72) **MARCHANT, Nancy, S.**; 3362 Foskett Road, Medina, OH 44256 (US).

(74) **KOLKOWSKI, Brian, M.** et al. / etc.; The B.F.Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61L 29/08, 29/14**

(11) **WO 00/71181** (13) A1

(21) PCT/US00/03431

(22) **9 Feb/fév 2000 (09.02.2000)**

(25) en (26) en

(30) 09/316,502 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LUBRICIOUS COATING FOR MEDICAL DEVICES

• REVETEMENT LUBRIFIANT POUR INSTRUMENTS MEDICAUX

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

(72) **YANG, Dachuan**; 11274 - 49th Avenue North, Plymouth, MN 55442 (US). **WANG, Lixiao**; 12822 - 86th Place North, Maple Grove, MN 55369 (US). **STANSLASKI, Joel**; 4016 Ensign Avenue North, New Hope, MN 55427 (US). **TANG, Liguang**; 11274 - 49th Avenue North, Plymouth, MN 55442 (US).

(74) **RYAN, Lisa, L.**; Vidas, Arrett & Steinkraus, Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131 (US).

(81) CA JP.

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

Published / Publiée : *(a)*

---

(51)[7] **A61L 29/18, 31/18**

(11) **WO 00/71182** (13) A1

(21) PCT/US00/13401

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/135,032 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RADIOPAQUE COMPOSITIONS

• COMPOSITIONS OPAQUES AUX RAYONS X

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

(72) **MORONI, Antonio**; 43 Burham Road, Morris Plains, NJ 07950 (US).

(74) **SCOLA, Daniel, A., Jr.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US) et al. / etc.

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61L 31/08**

(11) **WO 00/71183** (13) A1

(21) PCT/US00/13974

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,271 **21 May/mai 1999** US **(21.05.1999)**

(30) Not furnished / non communiqué **17 May/mai 2000** US **(17.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTIMICROBIAL ARTICLES

• ARTICLES ANTIMICROBIENS

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **ANDREWS, Jeffrey, F.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHOLZ, Matt, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **TUCKER, Joseph, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **POURNOOR, Kaveh**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **ROGERS, James, A.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61M 1/10**

(11) **WO 00/71184** (13) A1

(21) PCT/US00/13543

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/315,482 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTRA-AORTIC BALLOON APPARATUS
• APPAREIL A BALLONNET INTRA-AORTIQUE

(71) **DATASCOPE INVESTMENT CORP.** [US/US]; 14 Philips Parkway, Montvale, NJ 07645 (US).

(72) **NIGRONI, Paul**; 29 Borman Drive, Wanaque, NJ 07465 (US). **SARRAF, Lara**; 54 Waldwick Avenue, Waldwick, NJ 07463 (US).

(74) **RONAI, Abraham**; Datascope Corp., 14 Philips Parkway, Montvale, NJ 07645 (US).

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

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

---

(51)[7] **A61M 5/00**

(11) **WO 00/71185** (13) A2

(21) PCT/GB00/01922

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911663.4 **19 May/mai 1999** GB **(19.05.1999)**

(30) 9924533.4 **15 Oct/oct 1999** GB **(15.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEEDLELESS INJECTOR DRUG CAPSULE
• CAPSULE DE MEDICAMENT POUR INJECTEUR SANS AIGUILLE

(71) **WESTON MEDICAL LTD** [GB/GB]; New Street, Stradbroke, Eye, Suffolk IP21 5JG (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WESTON, Terence, Edward** [GB/GB]; Thornlea, Pixey Green, Stradbroke, Eye, Suffolk IP21 5NG (GB).

(74) **KYLE, Diana**; Elkington and Fife, Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (GB).

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

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

---

(51)[7] **A61M 5/00**

(11) **WO 00/71186** (13) A1

(21) PCT/US00/14172

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,598 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/407,242 **28 Sep/sep 1999** US **(28.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYRINGE NEEDLE GUARD
• GAINE D'AIGUILLE DE SERINGUE

(71, 72) **RUMINSON, Wallace, E.** [US/US]; 444 West Putnam, Porterville, CA 93257 (US).

(74) **LOWRY, Stuart, O.**; Kelly Bauersfeld Lowry & Kelley, LLP, Suite 1650, 6320 Canoga Ave., Woodland Hills, CA 91367 (US).

(81) AU CA JP.

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

Published / Publiée : *(a)*

---

(51)[7] **A61M 5/00, 25/00**

(11) **WO 00/71187** (13) A1

(21) PCT/US00/14238

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,419 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBCUTANEOUS ACCESS NEEDLE AND METHOD
• AIGUILLE PERMETTANT L'ACCES SOUS-CUTANE ET PROCEDE

(71) **DSU MEDICAL CORPORATION** [US/US]; 101 Convention Center Drive, Suite 850, Las Vegas, NV 89109 (US).

(72) **UTTERBERG, David, S.**; 2033 First Avenue #3, Seattle, WA 98121 (US).

(74) **GARRETTSON, Ellis**; Seyfarth, Shaw, Fairweather & Geraldson, 55 East Monroe Street, Suite 4200, Chicago, IL 60603-5803 (US).

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

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

---

(51)[7] **A61M 5/145, A61K 38/28**

(11) **WO 00/71188** (13) A1

(21) PCT/US00/12744

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 60/135,278 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/566,877 **8 May/mai 2000** US **(08.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE AND METHOD FOR INFUSION OF SMALL MOLECULE INSULIN MIMETIC MATERIALS
• DISPOSITIF ET PROCEDE POUR L'INFUSION DE PRODUITS INSULINOMIMETIQUES A PETITES MOLECULES

(71) **MINIMED INC.** [US/US]; 12744 San Fernando Road, Sylmar, CA 91342 (US).

(72) **VAN ANTWERP, William, P.**; 26833 Pinehurst Drive, Valencia, CA 91355 (US).

(74) **KOVELMAN, Paul, H.**; MiniMed, Inc., 12744 San Fernando Road, Sylmar, CA 91342 (US).

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

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

---

(51)[7] **A61M 5/145, 5/00, 5/14**

(11) **WO 00/71189** (13) A1

(21) PCT/US00/13905

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,315 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/513,087 **25 Feb/fév 2000** US **(25.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTRAST MEDIA RESUSPENSION DEVICE AND METHOD
• DISPOSITIF ET PROCEDE DE RESUSPENSION D'UN AGENT DE CONTRASTE

(71) **MALLINCKRODT INC.** [US/US]; 675 McDonnell Boulevard, St. Louis, MO 63134 (US).

(72) **HUGHES, Michael, Scott**; 1632 Ridge Bend Drive, Glencoe, MO 63038 (US). **HAGEN, William**; 1233 Clinton Hill Court, O'Fallon, MO 63303 (US). **BOYCE, Mark**; 1123 Sherbrooke Drive, St. Charles, MO 63303 (US). **FAGO, Frank, M.**; 4508 Estate Court, Mason, OH 45040 (US).

(74) **LYMAN, Beverly, A.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

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

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

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

Published / Publiée : *(c)*

---

(51)[6] **A61M 5/152**

(11) **WO 00/71190** (13) A1

(21) PCT/JP99/02699

(22) **24 May/mai 1999 (24.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PORTABLE PAIN RELIEVING DEVICE
• DISPOSITIF PORTATIF DE SOULAGEMENT DE LA DOULEUR

(71) **TSUKADA MEDICAL RESEARCH CO., LTD.** [JP/JP]; 8-12-501, Kitashinjuku 4-chome, Shinjuku-ku, Tokyo 169-0074 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TSUKADA, Osamu** [JP/JP]; 318-1, Ohaza Sumiyoshi, Ueda-shi, Nagano 386-0002 (JP). **NAKAJIMA, Yasuhiko** [JP/JP]; 5854-4, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP).

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

(81) CA JP US.

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

---

(51)[7] **A61M 5/32**

(11) **WO 00/71191** (13) A2

(21) PCT/US00/11230

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/302,742 **30 Apr/avr 1999** US **(30.04.1999)**

(30) Not furnished / non communiqué **18 Apr/avr 2000** US **(18.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CARTRIDGE ASSEMBLY FOR MEDICAMENT SUSPENSIONS
• ENSEMBLE CARTOUCHE POUR SUSPENSIONS MEDICAMENTEUSES

(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) **DeFELIPPIS, Michael, Rosario** [US/US]; 10906 Santa Anita Court, Indianapolis, IN 46280 (US). **DiMARCHI, Richard, Dennis** [US/US]; 10890 Wilmington Drive, Carmel, IN 46033 (US). **FRANK, Bruce, Hill** [US/US]; 9377 Spring Forest Drive, Indianapolis, IN 46260 (US). **HINES, Paul, Arthur** [US/US]; 3748 The Courts, Greenwood, IN 46143 (US). **LENTS, Mary, Patricia** [US/US]; 5406 East 20th Place, Indianapolis, IN 46218 (US).

(74) **STEWARD, Lawrence, A.**; Brinks Hofer Gilson & Lione, Suite 2425, One Indiana Square, Indianapolis, IN 46204 (US).

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

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

---

(51)[7] **A61M 15/00, B05B 1/34**

(11) **WO 00/71192** (13) A1

(21) PCT/US00/13026

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/135,056 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOW SPRAY FORCE, LOW RETENTION ATOMIZATION SYSTEM
• SYSTEME D'ATOMISATION A FAIBLE FORCE DE PULVERISATION ET FAIBLE FAIBLE RETENTION DE PARTICULES DE MEDICAMENT

(71) **IEP PHARMACEUTICAL DEVICES INC.** [US/US]; 6320 Angus Drive, Raleigh, NC 27613 (US).

(72) **GENOVA, Perry, A.**; P.O. Box 160363, Chapel Hill, NC 27516 (US). **WILLIAMS, Robert, C., III**; 11309 Derby Lane, Raleigh, NC 27613 (US). **JEWETT, Warren**; 125 Palace Green, Cary, NC 27511 (US).

(74) **SANTUCCI, Ronald, R.** et al. / etc.; Pitney, Hardin, Kipp & Szuch LLP, 711 Third Avenue, 20th floor, New York, NY 10017 (US).

(81) AU CA JP.

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

Published / Publiée : *(c)*

---

(51)[7] **A61M 16/10, G05D 16/06**

(11) **WO 00/71193** (13) A1

(21) PCT/US00/14566

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,125 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MANIFOLD AND REGULATOR APPARATUS
• COLLECTEUR ET APPAREIL DE REGULATION

(71) **HILL-ROM, INC.** [US/US]; 1069 State Route 46 East, Batesville, IN 47006-9167 (US).

(72) **GALLANT, Dennis, J.**; 10208 Cartha Lane, Harrison, OH 45030 (US). **RUEHL, John, W.**; 2236 South Graham Drive, Shelbyville, IN 46176 (US). **GRAY, John, C.**; 118 Riverwind Drive, Huntsville, AL 35811 (US). **CATTON, Edward, W.**; 6671 West 100 South, New Palestine, IN 46163 (US). **BATTA, Jerome, B.**; 5329 Lutz Road, Guilford, IN 47022 (US).

(74) **CONARD, Richard, D.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61M 25/00**

(11) **WO 00/71194** (13) A1

(21) PCT/US00/13601

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/315,618 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR TREATING A PATIENT
• PROCEDE ET APPAREIL PERMETTANT DE TRAITER UN PATIENT

(71) **CARDIAC ASSIST TECHNOLOGIES, INC.** [US/US]; 240 Alpha Drive, Pittsburgh, PA 15238 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FONGER, James** [US/US]; Suite 440, 7610 Carroll Avenue, Tacoma Park, MD 20912 (US). **MAGOVERN, James, A.** [US/US]; 603 Twin Pine Road, Pittsburgh, PA 15215 (US). **GRIFFIN, Wayne, P.** [US/US]; 206 Lakevue Drive, Cranberry, PA 16066 (US). **DAVID, Richard, E.** [US/US]; 3282 Hidden Hills Road, Grand Rapids, MI 49546 (US).

(74) **SCHWARTZ, Ansel, M.**; Suite 304, 201 N. Craig Street, Pittsburgh, PA 15213 (US).

(81) AU CA JP US.

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

---

(51)[7] **A61M 25/01**

(11) **WO 00/71195** (13) A1

(21) PCT/US99/20483

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/150,181 **10 Sep/sep 1998** US **(10.09.1998)**

(30) 09/368,868 **4 Aug/août 1999** US **(04.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TUNNELING CATHETER SYSTEM FOR ARTIFICIAL VENTRICULAR WALL CONDUIT
• SYSTEME DE CATHETER TUNNEL POUR CONDUIT ARTIFICIEL DE PAROI VENTRICULAIRE

(63) US 09/368,868 (CIP)
4 Aug/août 1999 (04.08.1999)

(71) **PERCARDIA, INC.** [US/US]; 20 Trafalgar Square, Suite 434, Nashua, NH 03063 (US).

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

(72, 75) **HALL, Todd, A.** [US/US]; 1111 Crestview Way, Goshen, KY 40026 (US). **FURNISH, Greg, R.** [US/US]; 2614 Top Hill Road, Louisville, KY 40206 (US). **FURNISH, Simon, M.** [US/US]; 2429 Longest Avenue, Louisville, KY 40204 (US). **WOLF, Scott, J.** [US/US]; 2501 Irvine Avenue South, Minneapolis, MN 55405 (US). **WILK, Peter, J.** [US/US]; 185 West End Avenue, New York, NY 10023 (US). **PHELPS, David, Y.** [US/US]; 904 Shady Lane, Louisville, KY 40223 (US). **POMPILI, Vincent** [US/US]; 14360 Quail Pointe Drive, Carmel, IN 46032 (US).

(74) **BOOKOFF, Leslie, I.**; Finnegan, Henderson, Farabow, Garrett & Dunner LLP, 1300 I Street, N.W., Washington, DC 20005-3315 (US).

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

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

---

(51)[7] **A61M 25/16**

(11) **WO 00/71196** (13) A1

(21) PCT/US00/13760

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,286 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERFACE NEEDLE AND METHOD FOR CREATING A BLUNT INTERFACE BETWEEN DELIVERED LIQUIDS
• AIGUILLE INTERFACIELLE ET METHODE POUR CREER UNE INTERFACE ARRONDIE ENTRE DES LIQUIDES DISTRIBUES

(63) US 60/135,286 (CIP) 21 May/mai 1999 (21.05.1999)

(71) **MICRO THERAPEUTICS, INC.** [US/US]; 2 Goodyear, Irvine, CA 92618 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAYMAN, Douglas, R.** [US/US]; 26928 Begonia Place, Mission Viejo, CA 92692 (US). **OLSEN, Ed** [US/US]; 25662 Orchard Rim Lane, Lake Forest, CA 92630 (US). **ROTH, Noah, M.** [US/US]; 232 Raritan Avenue, Apt# 2, Highland Park, NJ 08904 (US). **CURRI, Gary** [US/US]; 2582 Havencrest Drive, Fallbrook, CA 92028 (US). **WHALEN, Tom** [US/US]; 720 Fieldstone Lane, Encinitas, CA 92024 (US).

(74) **KREBS, Robert, E.** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O Box 1404, Alexandria, VA 22313 (US).

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

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

---

(51)[7] **A61M 31/00**

(11) **WO 00/71197** (13) A1

(21) PCT/US00/13768

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,222 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR EMBOLIZING VASCULAR SITES WITH AN EMBOLIZING COMPOSITION
• METHODES D'EMBOLISATION DE SITES VASCULAIRES AU MOYEN D'UNE COMPOSITION D'EMBOLISATION

(71) **MICRO THERAPEUTICS, INC.** [US/US]; 2 Goodyear, Irvine, CA 92618 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WHALEN, Thomas, J., II** [US/US]; 720 Fieldstone Lane, Encinitas, CA 92024 (US). **TRAN, Chinh, Ngoc** [US/US]; 21741 Alvarez, Mission Viejo, CA 92691 (US). **HAYMAN, Douglas, Ray** [US/US]; 26928 Begonia Place, Mission Viejo, CA 92692 (US). **ROTH, Noah, Michael** [US/US]; 203 Esplanade, Irvine, CA 92612 (US). **GREFF, Richard, J.** [US/US]; 2891 Alton Drive, St. Pete Beach, FL 33706 (US). **MORET, Jaques** [—/FR]; 46 Rue Des Briéres, F-45460 Les Bordes (FR).

(74) **KREBS, Robert, E.** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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

---

(51)[7] **A61M 35/00, B65D 47/42**

(11) **WO 00/71198** (13) A1

(21) PCT/FR00/01298

(22) **12 May/mai 2000 (12.05.2000)**

(25) fr (26) fr

(30) 99/06519 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CUTANEOUS APPLICATOR WITH A LIQUID STORAGE CARTRIDGE
• APPLICATEUR CUTANE A CARTOUCHE DE STOCKAGE DE LIQUIDE

(71) **ASPIR** [FR/FR]; 21, rue d'Argenteuil, ZAC Les Cloviers, F-95110 Sannois (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EMERIT, Michel** [FR/FR]; 33, rue d'Alsace, F-95110 Sannois (FR). **PATERNOTTE, Yanick** [FR/FR]; 10, avenue Rozée, F-95110 Sannois (FR).

(74) **JACOBSON, Claude**; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

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

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

---

(51)[7] **A61N 1/05**

(11) **WO 00/71199** (13) A1

(21) PCT/IL00/00301

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,864 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/384,834 **27 Aug/août 1999** US **(27.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH CAPACITANCE MYOCARDIAL ELECTRODES
• ELECTRODES EPICARDO-MYOCARDIQUES A FORTE CAPACITE

(71) **IMPULSE DYNAMICS NV** [NL/NL]; 3 L.B. Smithplein, P.O. Box 4, Curacao (AN).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MALONEK, Dov** [IL/IL]; 24 Hadganit Street, 36054 Kiryat Tivon (IL). **DARVISH, Nissim** [IL/IL]; 22A Hantke Street, 34606 Haifa (IL).

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

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

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

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

Published / Publiée : *(c)*

---

(51)[7] **A61N 1/362**

(11) **WO 00/71200** (13) A1

(21) PCT/US00/13835

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,515 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,588 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,682 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,741 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TREATMENT OF IRREGULAR VENTRICULAR CONTRACTIONS
• TRAITEMENT DES CONTRACTIONS VENTRICULAIRES IRREGULIERES

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) **KRIG, David, B.**; 3025 - 83rd Lane North, Brooklyn Park, MN 55444 (US). **HARTLEY, Jesse, W.**; 339 Linda Court, Lino Lakes, MN 55014 (US). **STAHL, Wyatt**; 376 E. County Road F, Vadnais Heights, MN 55127 (US). **STAHMANN, Jeffrey, E.**; 4850-154th Lane N.W., Ramsey, MN 55303 (US).

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

(81) AU CA JP.

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

Published / Publiée : *(c)*

---

(51)[7] **A61N 1/362**

(11) **WO 00/71201** (13) A1

(21) PCT/US00/13863

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,682 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,515 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,588 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,741 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM PROMOTING ATRIAL PACING
• SYSTEME PERMETTANT DE FAVORISER L'ENTRAINEMENT AURICULAIRE

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, Saint Paul, MN 55112 (US).

(72) **HARTLEY, Jesse, W.**; 339 Linda Court, Lino Lakes, MN 55014 (US). **KRAMER, Andrew, P.**; 418 South Sixth Street, Stillwater, MN 55082 (US). **STAHMANN, Jeffrey, E.**; 4850 154th Lane NW, Ramsey, MN 55303 (US). **KRIG, David, B.**; 3025 - 83rd Lane North, Brooklyn Park, MN 55444 (US).

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

(81) AU CA JP.

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

Published / Publiée : *(c)*

---

(51)[7] **A61N 1/362**

(11) **WO 00/71202** (13) A1

(21) PCT/US00/13877

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,588 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,741 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,682 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,515 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM PROVIDING VENTRICULAR PACING AND BIVENTRICULAR COORDINATION
• SYSTEME FOURNISSANT L'ENTRAINEMENT VENTRICULAIRE ET LA COORDINATION BIVENTRICULAIRE

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) **KRAMER, Andrew, P.**; 418 South Sixth Street, Stillwater, MN 55082 (US). **STAHMANN, Jeffrey, E.**; 4850 154th Lane NW, Ramsey, MN 55303 (US). **WENTKOWSKI, Rene, H.**; 4867 Birch Lake Circle, White Bear Lake, MN 55110 (US). **BAKER, Kenneth, L.**; 4060 MacKubin, Shoreview, MN 55126 (US). **HARTLEY, Jesse, W.**; 339 Linda Court, Lino Lakes, MN 55014 (US). **KRIG, David, B.**; 3025 - 83rd Lane North, Brooklyn Park, MN 55444 (US).

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

(81) AU CA JP.

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

Published / Publiée : *(c)*

---

(51)[7] **A61N 1/39**

(11) **WO 00/71203** (13) A1

(21) PCT/US00/13838

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,515 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,588 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,682 **21 May/mai 1999 (21.05.1999)** US

(30) 09/316,741 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM WITH SHOCK TIMING OPTIMIZATION
• SYSTEME A OPTIMISATION DE SYNCHRONISATION DE CHOCS AURICULAIRES

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) **CHEN, Victor, T.**; 4380 Trillium Lane West, Minnestrista, MN 55364 (US). **WARREN, Jay, A.**; 14 Lake Bay, North Oaks, MN 55127 (US). **SEIM, Gary, T.**; 3754 Edmund Boulevard, Minneapolis, MN 55406 (US). **KRIG, David, B.**; 3025-83rd Lane North, Brooklyn Park, MN 55444 (US). **HARTLEY, Jesse, W.**; 339 Linda Court, Lino lakes, MN 55014 (US). **STAHMANN, Jeffrey, E.**; 4850-154th Lane N.W., Ramsey, MN 55303 (US).

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

(81) AU CA JP.

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

Published / Publiée : *(c)*

---

(51)[7] **A61N 5/00**

(11) **WO 00/71204** (13) A1

(21) PCT/US00/08948

(22) **3 Apr/avr 2000 (03.04.2000)**

(25) en (26) en

(30) 09/316,769 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COILED BRACHYTHERAPY DEVICE
• DISPOSITIF HELICOIDAL DE CURIETHERAPIE

(71) **RADIOMED CORPORATION** [US/US]; 8 Linnel Circle, Billerica, MA 01821 (US).

(72) **SIOSHANSI, Piran**; 15 Smith Hill Road, Lincoln, MA 01773 (US). **BRICAULT, Raymond, J.**; 175 Prescott Street, West Boylston, MA 01583 (US).

(74) **KUSMER, Toby, H.** et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).

(81) CA JP.

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

---

(51)[7] **A61N 5/10**

(11) **WO 00/71205** (13) A2

(21) PCT/EP00/04341

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 22 991.0 **12 May/mai 1999 (12.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RADIOTHERAPY DEVICE
• DISPOSITIF POUR RADIOTHERAPIE

(71) **LASER- UND MEDIZIN-TECHNOLOGIE GMBH BERLIN** [DE/DE]; Krahmerstr. 6-10, 12207 Berlin (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÜLLER, Gerhard** [DE/DE]; An der Rehwiese 8, 14129 Berlin (DE). **REGULLA, Dieter** [DE/DE]; Behamstr. 17, 80687 München (DE).

(74) **EISENFÜHR, SPEISER & PARTNER**; Pacelliallee 43/45, 14195 Berlin (DE).

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

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

---

(51)[6] **A61N 5/10**

(11) **WO 00/71206** (13) A1

(21) PCT/JP99/02651

(22) **20 May/mai 1999 (20.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SILICONE MATERIAL FOR ACCESSORY AND THE LIKE
• MATERIAU SILICONE POUR ACCESSOIRES ET ANALOGUES

(71) **JAPAN BML TUSHO CO., LTD.** [JP/JP]; 48-3 Minamikamomiya 2-chome, Odawara-City, Kanagawa 250-0875 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAGASAWA, Masami** [JP/JP]; 48-3, Minamikamomiya 2-chome, Odawara-City, Kanagawa 250-0875 (JP).

(81) DE GB JP US.

---

(51)[7] **A61N 7/00**

(11) **WO 00/71207** (13) A1

(21) PCT/US00/13649

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

(25) en (26) en

(30) 60/135,224 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR ULTRASONICALLY AND ELECTROMAGNETICALLY TREATING TISSUE
• APPAREIL ET PROCEDE DE TRAITEMENT ULTRASONIQUE ET ELECTROMAGNETIQUE DE TISSUS

(71) **EXOGEN, INC.** [US/US]; 10 Constitution Avenue, P.O. Box 6860, Piscataway, NJ 08855 (US).

(72) **TALISH, Roger, J.**; 5 Harman Court, Hillsborough, NJ 08876 (US). **WINDER, Alan, A.**; 56 Patrick Road, Westport, CT 06880 (US).

(74) **CARTER, David, M.** et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (US).

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

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

---

(51)[7] **A62C 27/00, B60P 3/00, B62D 63/02, 61/08, B60K 1/00**

(11) **WO 00/71208** (13) A1

(21) PCT/US00/14108

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,251 **21 May/mai 1999** US **(21.05.1999)**

(30) Not furnished / non communiqué **18 May/mai 2000** US **(18.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EMERGENCY RESPONSE VEHICLE
• VEHICULE D'URGENCE

(71, 72) **JOHNSON, John, J., IV** [US/US]; P.O. Box 1322, Edgewood, NM 87015 (US).

(74) **PANGRLE, Brian, J.**; Peacock, Myers & Adams, P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

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

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

Published / Publiée : *(a)*

---

(51)[7] **A63B**

(11) **WO 00/71209** (13) A2

(21) PCT/AU00/00464

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0547 **21 May/mai 1999** AU **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXERCISING AND MEASUREMENT APPARATUS AND METHOD
• APPAREIL ET PROCEDE D'EXERCICE ET DE MESURE

(71, 72) **ROSENDAHL, Glenn** [AU/AU]; 124 Burrinjuck Crescent, Duffy, ACT 2611 (AU).

(74) **PIZZEYS PATENT & TRADEMARK ATTORNEYS**; P.O. Box 291, Woden, ACT 2606 (AU).

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

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

---

(51)[6] **A63B 53/04**

(11) **WO 00/71210** (13) A1

(21) PCT/JP99/02609

(22) **19 May/mai 1999 (19.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GOLF CLUB HEAD
• TETE DE CLUB DE GOLF

(71) **MIZUNO CORPORATION** [JP/JP]; 1-23, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8538 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIURA, Koryo** [JP/JP]; 9-7, Tsurukawa 3-chome, Machida-shi, Tokyo 195-0061 (JP). **NARUO, Takeshi** [JP/JP]; c/o Mizuno Corporation, 12-35, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8510 (JP). **SAKAI, Koji** [JP/JP]; c/o Mizuno Corporation, 12-35, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8510 (JP). **FUJIKAWA, Yoshihiro** [JP/JP]; c/o Mizuno Corporation, 12-35, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8510 (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) CA CN US.

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

---

(51)[7] **A63B 69/36**

(11) **WO 00/71211** (13) A1

(21) PCT/US00/13868

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,012 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/494,525 **1 Feb/fév 2000** US **(01.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR LOCATING AND ALIGNING GOLF CLUB SHAFT SPINE
• PROCEDE ET APPAREIL POUR LOCALISER ET ALIGNER LE DOS D'UN BATON DE GOLF

(71, 72) **WEISS, Richard, M.** [US/US]; 9050 S.W. 69th Court, Miami, FL 33156 (US).

(72) **BUTLER, Joseph, H.**; 643 Brochardt Boulevard, Knoxville, TN 37922 (US). **TWIGG, Michael, J.**; 7156 Peppermill Lane, Memphis, TN 38125 (US).

(74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

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

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

---

(51)[7] **A63B 69/36**

(11) **WO 00/71212** (13) A1

(21) PCT/US00/08601

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) en (26) en

(30) 09/316,365 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR MATCHING GOLFERS WITH A DRIVER AND BALL
• PROCEDE PERMETTANT D'APPARIER UN GOLFEUR A SON CLUB ET A SA BALLE

(71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).

(72) **BOEHM, Herbert, C.**; 34 Judge's Hill Drive, Norwell, MA 02064 (US).

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

(81) AU CA GB JP NZ.

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

---

(51)[7] **A63C 5/03**

(11) **WO 00/71213** (13) A1

(21) PCT/NO00/00165

(22) **19 May/mai 2000 (19.05.2000)**

(25) no (26) en

(30) 19992453 **21 May/mai 1999** NO **(21.05.1999)**

(30) 19992454 **21 May/mai 1999** NO **(21.05.1999)**

(30) 20002288 **28 Apr/avr 2000** NO **(28.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVEMENT OF SNOWBOARD WITH BINDINGS
• AMELIORATIONS CONCERNANT LES SURFS DES NEIGES COMPORTANT DES FIXATIONS

(71) **HITURN AS** [NO/NO]; Sagvollveien 1, N-2830 Raufoss (NO).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KARLSEN, Jørgen** [NO/NO]; Helmerveien 5, N-1322 Høvik (NO).

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

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

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

---

(51)[7] **A63C 17/00**

(11) **WO 00/71214** (13) A1

(21) PCT/GB00/01926

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911843.2 **22 May/mai 1999** GB **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SPORTS VEHICLE
• VEHICULE DE SPORT

(71, 72) **PLENDERLEITH, William** [GB/GB]; 4 Addison Gardens, Douglas, Lanark ML11 0PW (GB).

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

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

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

---

(51)[7] **A63D 1/00, 1/02**

(11) **WO 00/71215** (13) A1

(21) PCT/FI00/00392

(22) **4 May/mai 2000 (04.05.2000)**

(25) fi (26) en

(30) 991064 **10 May/mai 1999** FI **(10.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SUBSTRUCTURE OF A BOWLING LANE
• SOUS-STRUCTURE D'UNE PISTE DE QUILLES

(71) **SYSTEM-300 GROUP OY** [FI/FI]; Osuusmyllynkatu 5, FIN-33700 Tampere (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SIEVÄNEN, Mikko** [FI/FI]; Kääniementie 40, FIN-34240 Kämmenniemi (FI). **HIETALA, Joni** [FI/FI]; Atomikatu 1 B 43, FIN-33720 Tampere (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

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

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

---

(51)[7] **A63F 9/08, 9/12, B29C 53/14, 53/40**

(11) **WO 00/71216** (13) A1

(21) PCT/US00/14423

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,062 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ONE-SIDED PRINTING AND MANUFACTURE OF A MÖBIUS STRIP
• IMPRESSION SUR UNE SEULE FACE ET FABRICATION D'UN RUBAN DE MOBIUS

(63) US 60/136,062 (CIP)
26 May/mai 1999 (26.05.1999)

(71, 72) **MARTIN, Ross, Daniel** [US/US]; 2 Claflin Road, #4, Brookline, MA 02445 (US).

(74) **O'DAY, Christine, C.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109 (US).

(81) CA IN JP US.

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

---

(51)[7] **A63F 13/00, 13/06, G06F 3/00, 19/00**

(11) **WO 00/71217** (13) A1

(21) PCT/AU00/00481

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0478 **21 May/mai 1999** AU **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A FEEDBACK ASSEMBLY FOR COMPUTER GAMES
• ENSEMBLE DE RETROACTION POUR JEUX INFORMATIQUES

(71, 72) **COOKE, Michael, Charles** [AU/AU]; 7 Beatrice Terrace, Ascot, QLD 4053 (AU).

(74) **GRIFFITH HACK**; GPO Box 3125, Brisbane, QLD 4001 (AU).

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

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

---

(51)[7] **A63F 13/12**

(11) **WO 00/71218** (13) A1

(21) PCT/US00/12714

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/316,840 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF STAGING A GAME OF SKILL TOURNAMENT
• METHODE DE STADIFICATION DE JEU CONSISTANT EN UN TOURNOI D'HABILETE

(63) US 09/316,840 (CIP) 21 May/mai 1999 (21.05.1999)

(71, 72) **STEPHENSON, John, H.** [US/US]; 4608 South Knoxville, Tulsa, OK 74135 (US).

(74) **JOHNSON, Paul, H.**; Head, Johnson & Kachigian, 228 West 17th Place, Tulsa, OK 74119 (US).

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

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

---

(51)[7] **A63G 1/14**

(11) **WO 00/71219** (13) A1

(21) PCT/IL00/00291

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 130096 **24 May/mai 1999** IL **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRAINING DEVICE ASSEMBLY FOR GROUP EXERCICES, GAMES AND TEAM CONTESTS
• ENSEMBLE DE DISPOSITIFS D'ENTRAINEMENT POUR EXERCICES EN GROUPES, JEUX ET CONCOURS PAR EQUIPES

(71, 72) **LEVIN, Moshe** [IL/IL]; Haanafa St. 310/53, 93902 Jerusalem (IL). **SEGAL, Julia** [IL/IL]; 8/28 Dahomey St., 96587 Jerusalem (IL).

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

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

Published / Publiée : *(c)*

---

(51)[7] **A63G 31/00**

(11) **WO 00/71220** (13) A2

(21) PCT/US00/14469

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 09/319,000 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CHILD ACTIVITY CENTER, ENTERTAINMENT SYSTEM, AND COMPONENTS THEREOF
• CENTRE D'ACTIVITES POUR ENFANTS, SYSTEME DE DIVERTISSEMENT ET LEURS COMPOSANTS

(63) US 09/319,000 (CIP) 26 May/mai 1999 (26.05.1999)

(71) **GRACO CHILDREN'S PRODUCTS INC.** [US/US]; 51 South Pine Street, Elverson, PA 19520 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BELLOWS, William, B.** [US/US]; 1409 Monroe Avenue, Wyomissing, PA 19610 (US). **NELSON, Paul, B.** [US/US]; 4 Briarwood Drive, Elverson, PA 19520 (US). **BENSON, Julie, M.** [US/US]; 361 Coreopsis Drive, Lancaster, PA 17602 (US).

(74) **KIMMS, Lyle**; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (US).

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

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

---

(51)[7] **A63H 33/00, D05B 23/00**

(11) **WO 00/71221** (13) A1

(21) PCT/US00/14336

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,977 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FABRIC-COVERED SPRING TOY AND METHOD FOR PRODUCING
• JOUET ANIME PAR RESSORT ET RECOUVERT DE TISSU, PROCEDE DE FABRICATION

(71) **JAMES INDUSTRIES, INC.** [US/US]; Beaver Street Extension, P.O. Box 407, Hollidaysburg, PA 16648 (US).

(72) **THOMAS, Yip, Wing, Kay**; 1 Tung Sha Industrial Estate, Fu Shing, Dong Guan, Guang Dong 005 (CN).

(74) **KITA, Stanley, B.** et al. / etc.; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B01D**

(11) **WO 00/71222** (13) A2

(21) PCT/KR00/00475

(22) **16 May/mai 2000 (16.05.2000)**

(25) ko (26) en

(30) 1999/18302 **20 May/mai 1999** KR **(20.05.1999)**

(30) 2000/14235 **21 Mar/mar 2000** KR **(21.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DRAINAGE SLUDGE DEHYDRATION AND DRY SYSTEM
• SYSTEME DE DESHYDRATATION ET DE SECHAGE DE BOUES DE DRAINAGE

(71, 72) **PARK, Se, Jun** [KR/KR]; 175-20 Sadang3-dong, Dongjak-ku, Seoul 156-093 (KR).

(74) **LEE, Sun, Haeng**; #305 Newseoul Building, 828-8 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AU BR CA ID IN MX NZ SG VN.

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

---

(51)[7] **B01D 5/00, F04B 39/16**

(11) **WO 00/71223** (13) A1

(21) PCT/SE00/01001

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

(25) en (26) en

(30) 9901842-6 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A DEVICE FOR TREATING A GAS
• DISPOSITIF PERMETTANT DE TRAITER UN GAZ

(71) **ALFA LAVAL AB** [SE/SE]; S-147 80 Tumba (SE).

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

(72, 75) **NILSSON, Magnus** [SE/SE]; Lögarevägen 3, S-240 10 Dalby (SE). **BERTILSSON, Klas** [SE/SE]; Handelsmannavägen 6, S-241 93 Eslöv (SE).

(74) **BJERKÉNS PATENTBYRÅ KB**; Östermalmsgatan 58, S-114 50 Stockholm (SE).

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

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

---

(51)[7] **B01D 24/28**

(11) **WO 00/71224** (13) A1

(21) PCT/US00/14117

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/320,438 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RECIPROCATING BIOLOGICAL FILTER
• FILTRE BIOLOGIQUE A MOUVEMENT ALTERNATIF

(71) **CERCONA OF AMERICA, INC.** [US/US]; 5911 Wolf Creek Pike, Dayton, OH 45426 (US).

(72) **SCHENCK, Robert, C.**; 800 Blossom Heath Road, Kettering, OH 45419 (US).

(74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine & Flory LLP, 2000 Courthouse Plaza, N.E., P.O. Box 8801, Dayton, OH 45401-8801 (US).

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

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

---

(51)[7] **B01D 27/08**

(11) **WO 00/71225** (13) A1

(21) PCT/US00/13895

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,578 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WING TAPPING PLATE FOR SPIN-ON FILTERS
• PLAQUE-COUVERCLE A COLLERETTE POUR CARTOUCHES FILTRANTES

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **LANGSDORF, Brian, J.**; 28650 Hufford Road, Perrysburg, OH 43551 (US). **SCHROEDER, Curt**; 2412 Kenmoore, Maumee, OH 43537 (US). **BORGER, Brian**; 3540 Lynnbrook Lane, Oregon, OH 43616 (US). **REAMSYNDER, Christopher, R.**; P.O. Box 385, Elmore, OH 43416 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B01D 33/073, 33/46, 33/50, 33/60, 33/62, 33/76**

(11) **WO 00/71226** (13) A1

(21) PCT/US00/14182

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,640 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRESSURE FILTRATION DEVICE AND METHOD EMPLOYING A DEPRESSURIZING CHAMBER AND MATERIAL TRANSPORT
• APPAREIL DE FILTRATION SOUS PRESSION ET PROCEDE UTILISANT UNE CHAMBRE DE DEPRESSURISATION ET MATERIAU DE TRANSPORT

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3990 Essex Lane, Houston, TX 77027 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEARD, Jon, O.** [US/US]; 541 Kingman Street, East Taunton, MA 02178-1441 (US). **ROGERS, John, C.** [US/US]; 26 Neal Street, Walpole, MA 02081 (US).

(74) **POLACEK, Michael** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

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

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

---

(51)[7] **B01D 35/06**

(11) **WO 00/71227** (13) A1

(21) PCT/US00/13839

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,295 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USER-ACTIVATED ULTRA-VIOLET WATER TREATMENT UNIT
• ENSEMBLE DE TRAITEMENT DE L'EAU A ULTRAVIOLETS COMMANDE PAR L'USAGER

(71) **LIFE SPRING LIMITED PARTNERSHIP** [US/US]; Suite 2010, 3885 South Decatur, Las Vegas, NV 89103 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ENGELHARD, Rolf** [US/US]; 1867 N. Ridgecrest Drive, Prescott, AZ 86301 (US). **KASTEN, Stephen, P.** [US/US]; 2219 Shoshone Drive, Prescott, AZ 86301 (US).

(74) **VON HELLENS, C., Robert** et al. / etc.; Cahill, Sutton & Thomas P.L.C., 2141 E. Highland, 155 Park One, Phoenix, AZ 85016 (US).

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

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

---

(51)[7] **B01D 35/18, F02C 7/224, 7/14**

(11) **WO 00/71228** (13) A1

(21) PCT/CA00/00570

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

(25) en (26) en

(30) 09/315,049 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONCENTRIC FUEL/OIL FILTERS AND HEAT EXCHANGER PACKAGE
• ENSEMBLE FILTRES A CARBURANT/HUILE CONCENTRIQUES ET ECHANGEUR THERMIQUE

(71) **PRATT & WHITNEY CANADA CORP.** [CA/CA]; Jeffrey W. Astle, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(72) **RAGO, Giusseppe**; 5283 Fairwind Drive, Mississauga, Ontario L5R 2J9 (CA).

(74) **ASTLE, Jeffrey, W.**; Pratt & Whitney Canada Corp., Legal Dept. (01BE5), 1000

Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(81) CA CZ JP PL RU.

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

---

(51)[7] **B01D 39/16**

(11) **WO 00/71229** (13) A1

(21) PCT/US00/14744

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/135,968 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FILTRATION PROCESS AND FILTER
• METHODE DE FILTRATION ET FILTRE

(71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ADILETTA, Joseph, G.** [US/US]; 9 Vernon Lane, Thompson, CT 06277 (US).

(74) **HASAN, Salim, A.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

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

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

Published / Publiée : *(c)*

---

(51)[6] **B01D 39/20, 46/06, 29/15**

(11) **WO 00/71230** (13) A1

(21) PCT/US99/10468

(22) **26 May/mai 1999 (26.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CERAMIC COATED FILTER MEDIUM AND INTERNAL SUPPORT
• MEDIA FILTRANT RECOUVERT EN CERAMIQUE ET SUPPORT INTERNE

(71) **MENARDI MIKROPUL LLC** [US/US]; 4404-A Chesapeake Drive, Charlotte, NC 28216 (US).

(72) **KÄPPELER, Gerhard**; Weidenbuscher Weg 45, D-51467 Bergisch Gladbach (DE). **PEUKERT, Wolfgang**; Auf dem Rosenberg 13 b), D-51503 Rösrath (DE). **SCHMITT, Mike**; Am Kuckuck 7, D-53773 Hennef (DE).

(74) **TILLMAN, Chad, D.** et al. / etc.; Kennedy Covington Lobdell & Hickman, L.L.P., Bank of America Corporate Center, Suite 4200, 100 N. Tryon Street, Charlotte, NC 28202-4006 (US).

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

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

Published / Publiée : *(a), (p)*

---

(51)[7] **B01D 46/24**

(11) **WO 00/71231** (13) A1

(21) PCT/EP00/04628

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99303958.5 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND PROCESS FOR REMOVING SOLID PARTICLES FROM GASES
• APPAREIL ET PROCESSUS POUR ELIMINER LES PARTICULES SOLIDES CONTENUES DANS DES GAZ

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel Van Bylandtlaan 30, NL-2596 HR The Hague (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DRIES, Hubertus, Wilhelmus, Albertus** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

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

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

---

(51)[7] **B01D 53/22, H02B 13/055**

(11) **WO 00/71232** (13) A1

(21) PCT/EP00/00979

(22) **8 Feb/fév 2000 (08.02.2000)**

(25) de (26) de

(30) 199 23 155.9 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ISOLATION OF $SF_6$ FROM INSULATING GASES IN GAS-INSULATED LINES
• SEPARATION DE $SF_6$ CONTENU DANS DES GAZ ISOLANTS PROVENANT DE LIGNES A ISOLATION GAZEUSE

(71) **SOLVAY FLUOR UND DERIVATE GMBH** [DE/DE]; Hans-Böckler-Allee 20, D-30173 Hannover (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PITTROFF, Michael** [DE/DE]; Bronsartstrasse 16, D-30161 Hannover (DE). **SCHWARZE, Thomas** [DE/DE]; Freundallee 3a, D-30173 Hannover (DE). **BELT, Heinz-Joachim** [NL/DE]; Haferkamp 19, D-30936 Burgwedel (DE).

(74) **LAUER, Dieter**; Solvay Pharmaceuticals GmbH, Hans-Böckler-Allee 20, D-30173 Hannover (DE).

(81) AU BR CA HU JP KR MX NO PL SG US ZA.

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

---

(51)[7] **B01D 61/36, F15B 21/04, B60T 17/22, F16D 65/00**

(11) **WO 00/71233** (13) A1

(21) PCT/EP00/03126

(22) **7 Apr/avr 2000 (07.04.2000)**

(25) de (26) de

(30) 199 23 415.9 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR DEWATERING HYDRAULIC FLUIDS AND DEVICE FOR CARRYING OUT SAID METHOD
• PROCEDE POUR ENLEVER L'EAU CONTENUE DANS DES FLUIDES HYDRAULIQUES, ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CONHOFF, Ralf** [DE/DE]; Turmgasse 4, D-71063 Sindelfingen (DE). **MAYER, Christian** [DE/DE]; Römerhofstrasse 4, D-71254 Ditzingen (DE). **JEHLE, Walter** [DE/DE]; Wolketsweiler 604, D-88263 Horgenzell (DE).

(74) **BRÜCKNER, Ingo** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, FTP - C106, D-70546 Stuttgart (DE).

(81) JP US.

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

---

(51)[7] **B01D 63/04**

(11) **WO 00/71234** (13) A1

(21) PCT/US00/14506

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,164 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERNAL STAGED PERMEATOR FOR FLUID SEPARATION
• MODULE A ETAGES INTERNES DE SEPARATION FLUIDIQUE

(71) **MG GENERON** [US/US]; 5 Great Valley Parkway, Suite 130, Malvern, PA 19355-3043 (US). **UNIVERSITY OF TOLEDO** [US/US]; 2801 West Bancroft Street, Toledo, OH (US).

(72) **JENSVOLD, John, A.**; 483 Jasper Court, Benicia, CA 94510 (US). **LIPSCOMB, Glenn**; 1142 Running Brook Drive, Perrysburg, OH 43551 (US).

(74) **DATE, Vandana** et al. / etc.; Robins & Associates, 90 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

.

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

---

(51)[7] **B01F 3/04, C02F 3/20**

(11) **WO 00/71235** (13) A1

(21) PCT/GB00/01755

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 9911649.3 **20 May/mai 1999** GB **(20.05.1999)**

(30) 9920840.7 **4 Sep/sep 1999** GB **(04.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUID MIXING SYSTEM
• SYSTEME MELANGEUR POUR LIQUIDES

(71) **STEM DRIVE LIMITED** [GB/GB]; Solway Works, Eastriggs, Annan, Dumfriesshire (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRAHAM, Hind** [GB/GB]; Solway Works, Eastriggs, Annan, Dumfriesshire (GB).

(74) **WADDINGTON, Richard,** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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

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

---

(51)[7] **B01F 3/04**

(11) **WO 00/71236** (13) A1

(21) PCT/US00/11190

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) en (26) en

(30) 09/317,809 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COUNTERBALANCED DUAL SUBMARINE-TYPE LIQUID MIXER PAIRS
• PAIRES DE MELANGEURS DOUBLES DE LIQUIDE TYPE SOUS MARIN EQUILIBRES

(71, 72) **VANDRIE, Gerhardt, Woodrow** [US/US]; 724 W. Pine Avenue, El Segundo, CA 90245 (US).

(74) **SCOTT, Gene**; Patent Law & Venture Group, 3151 Airway Ave., Suite K-105, Costa Mesa, CA 92626-4613 (US).

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

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

---

(51)[7] **B01F 5/16, 7/16, F04D 23/00**

(11) **WO 00/71237** (13) A1

(21) PCT/HU00/00045

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) P 9901709 **25 May/mai 1999** HU **(25.05.1999)**

(30) P 0001883 **12 May/mai 2000** HU **(12.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR THE MIXING OF LIQUID WITH GAS AND/OR OTHER LIQUIDS AND/OR GRANULAR, FAVOURABLY POWDER-LIKE MATERIAL, AND FOR THE TRANSPORTATION OF SUCH MIXTURES
• DISPOSITIF DE MELANGE DE LIQUIDE AVEC UN GAZ ET/OU D'AUTRES LIQUIDES ET/OU MATIERES EN GRAINS, DE PREFERENCE EN POUDRE ET DE TRANSPORT DE CES MELANGES

(71, 72) **INOTAY, Ferenc** [HU/HU]; Tárogató út 18, H-1021 Budapest (HU). **BATA, Mária** [HU/HU]; Tamara u. 5, H-1029 Budapest (HU).

(74) **KOVÁRI, György**; Advopatent Office of Patent and Trademark Attorneys, Fo utca 19, H-1011 Budapest (HU).

(81) AT AU BG BR CA CH CN CZ DE DK EE ES FI GB HR IL IS JP KR LT LU LV MX NO NZ PL PT RO RU SE SI SK TR UA US YU.

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

---

(51)[7] **B01F 9/04, 9/02**

(11) **WO 00/71238** (13) A1

(21) PCT/EP00/04575

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) VI99U000036 **21 May/mai 1999** IT **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MIXER FOR PREPARING DYES TO BE PREFERABLY USED FOR DYEING MOULDED PARTS OF PLASTIC MATERIAL
• MELANGEUR SERVANT A PREPARER DES COLORANTS DESTINES A ETRE DE PREFERENCE UTILISES POUR COLORER DES PARTIES MOULEES EN MATIERE PLASTIQUE

(71, 72) **STOCCHIERO, Franco** [IT/IT]; Via G. Zanella 34/a, I-36050 Montorso Vicentino (IT).

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

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

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

---

(51)[7] **B01F 13/00, 15/02, A01K 5/00**

(11) **WO 00/71239** (13) A1

(21) PCT/EP00/01718

(22) **1 Mar/mar 2000 (01.03.2000)**

(25) en (26) en

(30) PD99A000107 **19 May/mai 1999** IT **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED MIXED TRUCK
• CAMION MELANGEUR AMELIORE

(71) **UNIFAST S.R.L.** [IT/IT]; Viale dell' Industria, 23, I-35023 Bagnoli Di Sopra (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FACCIA, Alessandra** [IT/IT]; Via Pietra, 67, I-35021 Agna (IT).

(74) **CANTALUPPI, Stefano** et al. / etc.; Via Berchet, 9, I-35131 Padova (IT).

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

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

---

(51)[7] **B01F 17/00, C11D 3/37, A01N 25/16, C09K 7/08, A62D 1/00, C11D 3/00**

(11) **WO 00/71240** (13) A1

(21) PCT/US00/14407

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,834 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITIONS AND METHODS FOR USING ZWITTERIONIC POLYMERIC SUDS ENHANCERS

• COMPOSITIONS ET PROCEDES PERMETTANT D'UTILISER DES ACTIVATEURS POLYMERES ZWITTERIONIQUES D'EAU SAVONNEUSE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). **RHODIA, INC.** [CA/CA]; 3265 Wolfedale Road, Mississauga, Ontario L5C 1V8 (CA).

(72) **SIVIK, Mark, Robert**; 2434 Sheffield Court, Ft. Mitchell, KY 41014 (US). **BODET, Jean-François**; 5067 Plantation Court, Mason, OH 45040 (US). **KLUESENER, Bernard, William**; 11619 New Biddinger Road, Harrison, OH 45030 (US). **SCHEPER, William, Michael**; 2393 Picnic Woods Drive, Lawrenceburg, IN 47025 (US). **BERGERON, Vance**; 70 Rue Cmdt. Charcot, F-69005 Lyon (FR). **YEUNG, Dominic, Wai-Kwing**; 3661 Golden Orchard Drive, Mississauga, Ontario L4Y 3J2 (CA).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B01F 17/00, C11D 3/37, A01N 25/16, C09K 7/08, A62D 1/00**

(11) **WO 00/71241** (13) A1

(21) PCT/US00/14408

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,235 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITIONS AND METHODS FOR USING POLYMERIC SUDS ENHANCERS

• COMPOSITIONS ET PROCEDES D'UTILISATION D'ACTIVATEURS POLYMERES DE MOUSSE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). **RHODIA, INC.** [CA/CA]; 3265 Wolfedale Road, Mississauga, Ontario L5C 1V8 (CA).

(72) **SIVIK, Mark, Robert**; 2434 Sheffield Court, Ft. Mitchell, KY 41014 (US). **BODET, Jean-Francois**; 5067 Plantation Court, Mason, OH 45040 (US). **KLUESENER, Bernard, William**; 11619 New Biddinger Road, Harrison, OH 45030 (US). **SCHEPER, William, Michael**; 2393 Picnic Woods Drive, Lawrenceburg, IN 47025 (US). **BERGERON, Vance**; 70 Rue Cmdt. Charcot, F-69005 Lyon (FR). **YEUNG, Dominic, Wai-Kwing**; 3661 Golden Orchard Drive, Mississauga, Ontario L4Y 3J2 (CA).

(74) **REED, T., David.** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

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

---

(51)[7] **B01J 19/00**

(11) **WO 00/71242** (13) A1

(21) PCT/FI00/00468

(22) **24 May/mai 2000 (24.05.2000)**

(25) fi (26) en

(30) 991175 **24 May/mai 1999** FI **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYNTHESIZER APPARATUS

• APPAREIL DE SYNTHESE

(71) **PAM SOLUTIONS LTD OY** [FI/FI]; Pikkupurontie 11, FIN-00810 Helsinki (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MANNINEN, Antti, P.** [FI/FI]; Vanha Sotilastie 11, FIN-00850 Helsinki (FI).

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

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

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

---

(51)[7] **B01J 19/00, B01L 3/00, G01N 21/77**

(11) **WO 00/71243** (13) A1

(21) PCT/US00/13942

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/316,154 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THE USE OF MICROFLUIDIC SYSTEMS IN THE DETECTION OF TARGET ANALYTES USING MICROSPHERE ARRAYS

• SYSTEMES MICROFLUIDIQUES UTILISANT DES RESEAUX DE MICROSPHERES POUR DETECTER DES ANALYTES CIBLES

(71) **ILLUMINA, INC.** [US/US]; Suite 200, 9390 Towne Centre Drive, San Diego, CA 92121 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STUELPNAGEL, John, R.** [US/US]; 38 Briggs Avenue, Encinitas, CA 92024 (US). **CHEE, Mark, S.** [AU/US]; 155 15th Street #24, Del Mar, CA 92014 (US). **GUNDERSON, Kevin** [US/US]; 1543 Juniper Hill Drive, Encinitas, CA 92024 (US).

(74) **BREZNER, David, J.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B01J 19/02, C07C 303/06, 309/31**

(11) **WO 00/71244** (13) A1

(21) PCT/EP00/04433

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911948.9 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITION OF BUILD-UP IN REACTION VESSELS

• EMPECHEMENT DE L'ACCUMULATION DE DEPOTS DANS DES RECIPIENTS DE REACTION

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

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

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

(72) **CHADWICK, Paul**; Unilever Research Vlaardingen, Olivier Van Noortlaan 120,

NL-3133 AT Vlaardingen (NL). **STEWART, John**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **ELLIOTT, Peter, William**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

---

(51)[7] **B01J 20/26, 20/28, B01D 15/08, G01N 30/48**

(11) **WO 00/71245** (13) A1

(21) PCT/EP00/04105

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 9901825-1 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FOAMED MATERIAL FILLED WITH INNER MATERIAL
• MATIERE ALVEOLAIRE REMPLIE D'UNE SUBSTANCE

(71) **AMERSHAM PHARMACIA BIOTECH AB** [SE/SE]; Bjorkgatan 30, S-751 84 Uppsala (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BERG, Hans** [SE/SE]; Flogsta vagen 122, S-752 22 Uppsala (SE). **CARLSSON, Mats** [SE/SE]; Soderby, Akerby, S-740 22 Balinge (SE).

(74) **ROLLINS, Anthony, John**; Nycomed Amersham PLC, Amersham Laboratories, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB) et al. / etc.

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

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

Published / Publiée : *(c)*

---

(51)[7] **B01J 20/32, B01D 15/08**

(11) **WO 00/71246** (13) A1

(21) PCT/US00/14199

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,724 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SILICA-BASED, ENDCAPPED CHROMATOGRAPHIC PACKING HAVING IMPROVED STABILITY UNDER HIGH PH CONDITIONS
• GARNISSAGE CHROMATOGRAPHIQUE EN SILICE, COIFFE, STABLE DANS DES CONDITIONS DE PH ELEVE

(71) **DCV, INC.** [US/US]; Quillen Building, 3521 Silverside Road, Wilmington, DE 19810 (US).

(72) **JOHNSON, William, L.**; 2706 Landsdowne Drive, Wilmington, DE 19810 (US).

(74) **KRIKELIS, Basil, S.**; DCV, Inc., Quillen Building, 3521 Silverside Road, Wilmington, DE 19810 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B01J 21/00, 21/02, 21/06, 23/00, 23/16, 23/20, 23/22, 23/28, 23/30, D06L 3/02, D21C 3/00, 9/10, 9/147, 3/04**

(11) **WO 00/71247** (13) A1

(21) PCT/US00/14511

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,073 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EQUILIBRATED TUNGSTEN-BASED POLYOXOMETALATE-CATALYST SYSTEMS
• SYSTEMES EQUILIBRES DE CATALYSEUR AU POLYOXOMETALATE A BASE DE TUNGSTENE

(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, CA 30322 (US). **UNITED STATES OF AMERICA, as represented by THE SECRETARY OF AGRICULTURE** [US/US]; Washington, DC 20250 (US). **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(72) **REINER, Richard, S.**; Apartment 4, 4406 Dwight Drive, Madison, WI 53704 (US). **BARBUZZI, Elena, M., G.**; 3213 Jefferson Square Court, Decatur, GA 30030 (US). **WEINSTOCK, Ira, A.**; 144 Briarvista Way, Atlanta, GA 30329 (US). **HILL, Craig, L.**; 2941 Cravey Drive, Atlanta, GA 30345 (US). **WEMPLE, Michael, W.**; 6167 Millbourne Drive, Columbus, OH 43230 (US). **COWAN, Jennifer, J.**; 330 Valley Brook Crossing, Decatur, GA 30033 (US). **ATALLA, Rajai, H.**; 7814 Ox Trail Way, Verona, WI 53593 (US). **HEINTZ, Robert, A.**; 8410 Isaac Drive, Apt. 114, Madison, WI 53717 (US). **BAILEY, Alan, J.**; 531 Ponce deLeon Avenue, Apt. 1, Atlanta, GA 30308 (US).

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

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

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

---

(51)[7] **B01J 23/28, 27/19, 38/66, C07C 51/235, 57/055**

(11) **WO 00/71248** (13) A1

(21) PCT/JP00/03184

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

(25) ja (26) ja

(30) 11/138770 **19 May/mai 1999** JP **(19.05.1999)**

(30) 11/230058 **16 Aug/août 1999** JP **(16.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR PRODUCING CATALYST
• PROCEDE DE PRODUCTION D'UN CATALYSEUR

(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KURODA, Toru** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). **KAWATO, Seiichi** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). **NITTA, Masanori** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). **TAKEZAWA, Hideyasu** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP).

(74) **KANEDA, Nobuyuki** et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN KR SG US.

---

(51)[7] **B01J 29/08, 29/16, 29/14, C10G 25/05**

(11) **WO 00/71249** (13) A1

(21) PCT/US00/12898

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/316,842 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOLECULAR SIEVE ADSORBENT-CATALYST FOR SULFUR COMPOUND CONTAMINATED GAS AND LIQUID STREAMS AND PROCESS FOR ITS USE
• CATALYSEUR ADSORBANT TAMIS MOLECULAIRE POUR VEINES GAZEUSES ET LIQUIDES CONTAMINEES PAR UN COMPOSE SOUFRE ET TECHNIQUE D'UTILISATION

(71) **ZEOCHEM LLC** [US/US]; 1600 West Hill Street, Louisville, KY 40232 (US).

(72) **TSYBULEVSKIY, Albert, M.**; 1600 West Hill Street, Louisville, KY 40232 (US). **RODE, Edward, J.**; 1600 West Hill Street, Louisville, KY 40232 (US).

(74) **COX, Scott, R.**; Lynch, Cox, Gilman & Mahan, P.S.C., 400 West Market Street, Suite 2200, Louisville, KY 40202 (US).

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

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

---

(51)[7] **B01J 29/16, C10G 47/16, 45/12**

(11) **WO 00/71250** (13) A1

(21) PCT/FR00/01389

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06445 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CATALYST COMPRISING A PARTIALLY AMORPHOUS ZEOLITE Y, AN ELEMENT OF GROUP V B AND ITS USE FOR HYDROCONVERTING AND HYDROREFINING HYDROCARBON OIL FEEDSTOCKS
• CATALYSEUR COMPRENANT UNE ZEOLITHE Y PARTIELLEMENT AMORPHE, UN ELEMENT DU GROUPE VB ET SON UTILISATION EN HYDROCONVERSION ET HYDRORAFFINAGE DE CHARGES PETROLIERES HYDROCARBONEES

(71) **INSTITUT FRANCAIS DU PETROLE** [FR/FR]; 1 & 4, avenue de Bois Préau, F-92852 Rueil Malmaison Cedex (FR).

(72) **BENAZZI, Eric**; 44, rue le Val Sablons, F-78400 Chatou (FR). **DEVES, Jean-Marie**; 30, allée des Vergers, F-78540 Vernouillet (FR). **KASZTELAN, Slavik**; 27, rue Queneau, F-92500 Rueil Malmaison (FR).

(74) **ANDREEFF, François**; Institut Français du Pétrole, 1 et 4, avenue de Bois Préau, F-92852 Rueil Malmaison Cedex (FR).

(81) BR IN JP KR SG.

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

---

(51)[7] **B01J 31/00, 37/00, C08F 4/02, 4/60**

(11) **WO 00/71251** (13) A1

(21) PCT/US00/13479

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/318,009 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR THE IN-SITU PREPARATION OF SINGLE-SITE TRANSITION METAL CATALYSTS AND POLYMERIZATION PROCESS
• PROCEDE POUR LA PREPARATION *IN SITU* DE CATALYSEURS A METAUX DE TRANSITION MONOSITES ET PROCEDE DE POLYMERISATION

(71) **EQUISTAR CHEMICALS, L.P.** [US/US]; 1221 McKinney Street, P.O. Box 2483, Houston, TX 77252-2583 (US).

(72) **SHAOTIAN, Wang**; 7623 Deer Crossing Drive, Mason, OH 45040 (US).

(74) **KOZAK, Dennis, M.** et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).

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

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

---

(51)[7] **B01J 31/12, 31/14, 31/02, C08G 63/82, 63/84, 63/85, C07C 67/08**

(11) **WO 00/71252** (13) A1

(21) PCT/GB00/01674

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 9912210.3 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ESTERIFICATION CATALYSTS
• CATALYSEURS D'ESTERIFICATION

(71) **ACMA LIMITED** [GB/GB]; The Heath, Runcorn, Cheshire WA7 4QF (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **LINDALL, Charles, Mark** [GB/GB]; 23 Falcon Lane, Norton, Stockton on Tees TS20 1LS (GB). **SLACK, Neville** [GB/GB]; 2 Owington Grove, Billingham, Stockton on Tees TS23 3LX (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RIDLAND, John** [GB/GB]; 12 Oatlands Way, Durham DH1 5GL (GB).

(74) **GIBSON, Sara, Hillary, Margaret** et al. / etc.; Synetix Intellectual Property Dept., Building N, Room 101, Chilton Site, PO Box 1, Belasis Avenue, Billingham, Cleveland TS23 1LB (GB).

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

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

---

(51)[7] **B01J 37/00**

(11) **WO 00/71253** (13) A2

(21) PCT/US00/13282

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/316,562 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REDUCING FISCHER-TROPSCH CATALYST ATTRITION LOSSES IN HIGH AGITATION REACTION SYSTEMS
• REDUCTION DES PERTES PAR ATTRITION D'UN CATALYSEUR DE FISCHER-TROPSCH DANS DES SYSTEMES DE REACTION A FORTE AGITATION

(71) **ENERGY INTERNATIONAL CORPORATION** [US/US]; 135 William Pitt Way, Pittsburgh, PA 15238 (US).

(72) **SINGLETON, Alan, H.**; 1265 Woodland Road, Baden, PA 15005 (US). **OUKACI, Rachid**; 1321 Woodhill Drive, Gibsonia, PA 15044 (US). **GOODWIN, James, G.**; 219 LaGrande Drive, Cranberry Township, PA 16066 (US).

(74) **WEEKS, Alan, R.**; Fellers, Snider, Blankenship, Bailey & Tippens, P.C., Suite 800, 321 S. Boston Ave., Tulsa, OK 74103-3318 (US).

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

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

---

(51)[7] **B01J 37/00, 29/06**

(11) **WO 00/71254** (13) A1

(21) PCT/US00/13978

(22) **20 May/mai 2000 (20.05.2000)**

(25) en (26) en

(30) 60/135,330 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDROCARBON CONVERSION PROCESS AND CATALYST USEFUL THEREIN
• PROCEDE DE TRANSFORMATION D'HYDROCARBURES FAISANT INTERVENIR UN CATALYSEUR

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **MOHR, Gary, D.**; 2018 Caravel Drive, League City, TX 77573 (US). **MORTIER, Wilfried, J.**; Diestse Steenweg 483, B-3010 Kessel-Io (BE). **FENG, Xiaobing**; Apt. 317, 601 Enterprise Avenue, League City, TX 77573 (US). **STERTE, Per, Johan**; Midsommarvagen 50, S-976 31 Lulea (SE). **TOSHEVA, Lubomira, B.**; Docentvagen 297, S-977 52 Lulea (SE).

(74) **SHERER, Edward, F.**; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US) et al. / etc.

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

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

Published / Publiée : *(c)*

---

(51)[7] **B01J 37/00**

(11) **WO 00/71255** (13) A1

(21) PCT/US00/13979

(22) **20 May/mai 2000 (20.05.2000)**

(25) en (26) en

(30) 60/135,326 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METAL-CONTAINING MACROSTRUCTURES OF POROUS INORGANIC OXIDE, PREPARATION THEREOF, AND USE

• MACROSTRUCTURES, RENFERMANT UN METAL, D'OXYDE INORGANIQUE POREUX : PREPARATION ET UTILISATION

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **MOHR, Gary, D.**; 2018 Caravel Drive, League City, TX 77573 (US). **MORTIER, Wilfried, J.**; Diestse Steenweg 483, B-3010 Kessel-Io (BE). **FENG, Xiaobing**; Apt. 317, 601 Enterprise Avenue, League City, TX 77573 (US). **STERTE, Per, Johan**; Midsommarvagen 50, S-976 31 Lulea (SE). **TOSHEVA, Lubomira, B.**; Docentvagen 297, S-977 52 Lulea (SE).

(74) **SHERER, Edward, F.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B02C 7/175, 7/14, 7/12, 7/16**

(11) **WO 00/71256** (13) A1

(21) PCT/US00/13468

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/315,589 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COLLOID MILL

• MOULIN A COLLOIDES

(71) **APV NORTH AMERICA, INC.** [US/US]; 500 Research Drive, Wilmington, MA 01887 (US).

(72) **KORSTVEDT, Harald, O.**; 250 Stow Road, Harvard, MA 01451 (US).

(74) **HOUSTON, J., Grant** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

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

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

---

(51)[6] **B02C 13/04**

(11) **WO 00/71257** (13) A1

(21) PCT/US99/10457

(22) **24 May/mai 1999 (24.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REDUCER AND SEPARATOR FOR PREPARING GYPSUM BOARD AND OTHER PRODUCTS FOR RECYCLING

• REDUCTEUR ET SEPARATEUR POUR PREPARER DES PLAQUES DE PLATRE ET D'AUTRES PRODUITS DESTINES A ETRE RECYCLES

(71) **ANDELA TOOL & MACHINE, INC.** [US/US]; 493 State Route 28, Richfield Springs, NY 13439 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ANDELA, James** [US/US]; 776 County Highway 24, Richfield Springs, NY 13439 (US). **ANDELA, Cynthia** [US/US]; 776 County Highway 24, Richfield Springs, NY 13439 (US).

(74) **DE ANGELI, Michael**; Suite 330, 1901 Research Boulevard, Rockville, MD 20850 (US).

(81) AU CA IL JP KR US.

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

---

(51)[7] **B02C 17/07, 17/06, 17/08, 17/18, 17/24**

(11) **WO 00/71258** (13) A1

(21) PCT/AU00/00492

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) PQ 0523 **21 May/mai 1999** AU **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BALL MILL

• BROYEUR A BOULETS

(71) **MINERAL PROCESS CONTROL PTY LTD** [AU/AU]; 33 Bishop Street, Jolimont, W.A. 6014 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MASON, Robert** [AU/AU]; 33 Bishop Street, Jolimont, W.A. 6014 (AU). **COUPE, Brian, Christopher** [AU/AU]; 33 Bishop Street, Jolimont, W.A. 6014 (AU).

(74) **WRAY & ASSOCIATES**; 239 Adelaide Terrace, Perth, W.A. 6000 (AU).

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

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

---

(51)[7] **B04B 1/14, 11/06**

(11) **WO 00/71259** (13) A1

(21) PCT/SE00/00965

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9901855-8 **21 May/mai 1999** SE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CENTRIFUGAL SEPARATOR WITH A BY-PASS HOLE IN THE DISTRIBUTOR AND A METHOD OF SEPARATING BY MEANS OF SUCH A CENTRIFUGAL SEPARATOR

• SÉPARATEUR CENTRIFUGE AYANT UN DISTRIBUTEUR POURVU D'UN TROU DE DÉRIVATION ET PROCÉDÉ DE SÉPARATION À L'AIDE D'UN TEL SÉPARATEUR CENTRIFUGE

(71) **ALFA LAVAL AB** [SE/SE]; S-147 80 Tumba (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ÅSTRÖM, Gunnar** [SE/SE]; Flintvägen 17, S-141 34 Huddinge (SE).

(74) **HAGSTRÖM, Leif** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S-118 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL

IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

---

(51)[7] **B04B 1/20, 15/12**

(11) **WO 00/71260** (13) A1

(21) PCT/JP00/03257

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/141178 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DECANTER TYPE CENTRIFUGAL SEPARATOR
• SEPARATEUR CENTRIFUGE DE TYPE DECANTEUR

(71) **TOMOE ENGINEERING CO.,LTD.** [JP/JP]; Daini Maruzen Building, 9-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OTSUKA, Takaharu** [JP/JP]; Tomoe Engineering Co., Ltd., Daini Maruzen Building, 9-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(74) **TOMITA, Kazuko** et al. / etc.; Yokohama HS-Building, 7th floor, 9-10, Kitasaiwai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (JP).

(81) CN KR US.

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

---

(51)[7] **B05B 1/34, 1/00**

(11) **WO 00/71261** (13) A1

(21) PCT/EP00/03922

(22) **2 May/mai 2000 (02.05.2000)**

(25) de (26) de

(30) 199 22 820.5 **19 May/mai 1999** DE **(19.05.1999)**

(30) 199 48 576.3 **8 Oct/oct 1999** DE **(08.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH-PRESSURE INJECTION NOZZLE
• TUYERE D'INJECTION A HAUTE PRESSION

(71) **A.S. INNOVATIONS GMBH** [DE/DE]; Akademiestrasse 32, D-44789 Bochum (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ASCHACHER, Lothar** [DE/DE]; Akademiestrasse 32, D-44789 Bochum (DE).

(74) **SPALTHOFF, Adolf** et al. / etc.; Haumannplatz 4, D-45130 Essen (DE).

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

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

---

(51)[7] **B05B 11/02, 11/00**

(11) **WO 00/71262** (13) A1

(21) PCT/FR00/01320

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06495 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUID PRODUCT DISPENSER
• DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

(71) **VALOIS S.A.** [FR/FR]; B.P. G, Le Prieuré, F-27110 Le Neubourg (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OECHSEL, François** [FR/FR]; 5, rue Ternaux, F-27400 Louviers (FR). **SIMON, Bruno** [FR/FR]; 2, rue Deffend, F-27400 La Haye Malherbe (FR).

(74) **CAPRI SARL**; 94, avenue Mozart, F-75016 Paris (FR).

(81) CN IN JP US.

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

---

(51)[7] **B05B 11/02, 1/34, 11/00**

(11) **WO 00/71263** (13) A1

(21) PCT/FR00/01321

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06496 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUID PRODUCT DISPENSER
• DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

(71) **VALOIS S.A.** [FR/FR]; B.P. G, Le Prieuré, F-27110 Le Neubourg (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HELDT, Frédéric** [FR/FR]; 10, impasse de la Haye Le Comte, F-27400 Louviers (FR).

(74) **CAPRI SARL**; 94, avenue Mozart, F-75016 Paris (FR).

(81) CN IN JP US.

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

---

(51)[7] **B05C 5/02, B05D 1/26, H05K 3/34, 3/10**

(11) **WO 00/71264** (13) A1

(21) PCT/JP00/01513

(22) **13 Mar/mar 2000 (13.03.2000)**

(25) ja (26) ja

(30) 11/141069 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VISCOUS MATERIAL APPLICATOR
• APPLICATEUR DE MATIERE VISQUEUSE

(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) **MIMURA, Toshinori** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **YAMAUCHI, Hiroshi** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **HIRAI, Wataru** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **ONISHI, Hiroaki** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **NAGAI, Koichi** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(74) **ISHIHARA, Masaru**; 5th Floor, Tatsuno Nishi-tenma Bldg., 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) KR SG US.

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

---

(51)[7] **B05D 1/36, 3/02**

(11) **WO 00/71265** (13) A1

(21) PCT/US00/14077

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,304 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/557,534 **25 Apr/avr 2000** US **(25.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTODEPOSITION POST-BATH RINSE PROCESS
• RINÇAGE APRES LAVAGE POUR REVETEMENTS A APPLICATION AUTOMATIQUE

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) **YANG, Zhigi**; 2395 Sweet Drive, Troy, MI 48306 (US). **FRISTAD, William, E.**; 3724 Newcastle Drive, Rochester Hills, MI 48306 (US).

(74) **HARPER, Stephen, D.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

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

---

(51)[7] **B06B 1/08**

(11) **WO 00/71266** (13) A1

(21) PCT/US00/14334

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,667 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH POWER ULTRASONIC TRANSDUCER HAVING A PLURALITY OF SUB-MOTORS CONNECTED TO A SINGLE HORN
• TRANSDUCTEUR ULTRASONIQUE A RENDEMENT ELEVE POURVU D'UNE MULTITUDE DE SOUS-MOTEURS CONNECTES A UNE SEUL AVERTISSEUR

(71) **EDGE TECHNOLOGIES, INC.** [US/US]; 2500 North Loop Drive, Ames, IA 50010 (US).

(71, 72) **HANSEN, Thomas, T.** [US/US]; 3703 Dawes Drive, Ames, IA 50010 (US). **REINDERS, Todd, A.** [US/US]; 3001 Heathrow Drive, #22, Ames, IA 50014 (US).

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

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

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

---

(51)[7] **B08B 1/02, 3/04**

(11) **WO 00/71267** (13) A1

(21) PCT/US00/13257

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/315,667 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH SPEED PICKLING BATH CONTROL
• COMMANDE DE BAIN DE DEROCHAGE RAPIDE

(71) **DANIELI CORPORATION** [US/US]; Suite 400, 800 Cranberry Woods Drive, Cranberry Township, PA 16066 (US).

(72) **LORDO, Richard, K.**; 1960 South Keel Ridge Road, Hermitage, PA 16148 (US). **PERSSON, Thomas, S.**; 2325 Selma Avenue, Youngstown, OH 44504 (US).

(74) **KRAYER, William, L.**; Paul A. Beck & Associates, Suite 100, 1575 McFarland Road, Pittsburgh, PA 15216 (US).

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

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

---

(51)[7] **B08B 3/12, 3/04, H01L 21/00**

(11) **WO 00/71268** (13) A1

(21) PCT/US00/11066

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) en (26) en

(30) 09/318,155 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TEMPERATURE CONTROLLED GASSIFICATION OF DEIONIZED WATER FOR MEGASONIC CLEANING OF SEMICONDUCTOR WAFERS
• GAZEIFICATION A TEMPERATURE CONTROLEE D'EAU DEIONISEE POUR LAVAGE PAR VIBRATIONS MEGASONIQUES DE PLAQUETTES SEMICONDUCTRICES

(71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-6000 (US). **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; 1983 Route 52, Hopewell Junction, NY 12533 (US).

(72) **KUDELKA, Stephan**; 363 Van Wyck Lake Road, Fishkill, NY 12524 (US). **RATH, David**; 14 Ritter Road, Stormville, NY 12582 (US).

(74) **BRADEN, Stanton, C.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).

(81) CN JP KR.

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

---

(51)[7] **B08B 9/08**

(11) **WO 00/71269** (13) A1

(21) PCT/US00/13342

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,680 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR DISPERSING AND REMOVING SLUDGE CONTAINED IN A STORAGE TANK
• PROCEDE DE DISPERSION ET D'ELIMINATION DE DEPOTS BOUEUX DANS UNE CUVE DE STOCKAGE

(71) **BETZDEARBORN INC.** [US/US]; 4636 Somerton Road, P.O. Box 3002, Trevose, PA 19053-6783 (US).

(72) **WINSLOW, M., Craig**; 4207 Cedar Ridge Trail, Houston, TX 77059 (US). **WEBER, Larry, J.**; 733 North Illinois, Caseyville, IL 62232 (US).

(74) **BOYD, Steven, D.** et al. / etc.; BetzDearborn Inc., 4636 Somerton Road, Trevose, PA 19053-6783 (US).

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

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

Published / Publiée : *(a)*

---

(51)[7] **B21B 1/18, C21D 9/00**

(11) **WO 00/71270** (13) A1

(21) PCT/IB00/00679

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,848 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR IN-LINE HEAT TREATMENT OF HOT ROLLED STOCK
• PROCEDE ET APPAREIL DE TRAITEMENT THERMIQUE EN LIGNE DE PIECES LAMINEES A CHAUD

(71) **DANIELI TECHNOLOGY, INC.** [US/US]; Suite 400, 800 Cranberry Woods Drive, Cranberry Township, PA 16066 (US).

(72) **BENEDETTI, Gianpietro**; Strada degli Aceri, 32, I-33030 Campoformido (IT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B21B 1/46, 1/18, C21D 9/00, F27B 9/24, 9/38, F27D 3/00, C21D 9/573**

(11) **WO 00/71271** (13) A1

(21) PCT/IB00/00676

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,843 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTEGRATED PLANT FOR THE PRODUCTION OF ROLLED STOCK
• COMPLEXE INTEGRE DE PRODUCTION DE PIECES LAMINEES

(71) **DANIELI TECHNOLOGY, INC.** [US/US]; 800 Cranberry Woods Drive, Suite 400, Cranberry Township, PA 16066 (US).

(72) **BENEDETTI, Gianpietro**; Strada degli Aceri, 32, I-33030 Campoformido (IT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B21B 1/46, B22D 11/12**

(11) **WO 00/71272** (13) A1

(21) PCT/IB00/00678

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,844 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENDLESS CASTING ROLLING SYSTEM WITH SINGLE CASTING STAND
• SYSTEME DE LAMINAGE EN CONTINU AVEC UNITE DE FONDERIE UNIQUE

(71) **DANIELI TECHNOLOGY, INC.** [US/US]; 800 Cranberry Woods Drive, Suite 400, Cranberry Township, PA 16066 (US).

(72) **BENEDETTI, Gianpietro**; Strada degli Aceri, 32, I-33030 Campoformido (IT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B21B 31/10**

(11) **WO 00/71273** (13) A1

(21) PCT/IB00/00677

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,845 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTOMATED ROLLING MILL ADMINISTRATION SYSTEM
• SYSTEME INFORMATISE POUR LA GESTION D'UN LAMINOIR

(71) **DANIELI TECHNOLOGY, INC.** [US/US]; 800 Cranberry Woods Drive, Suite 400, Cranberry Township, PA 16066 (US).

(72) **BENEDETTI, Gianpietro**; Strada degli Aceri, 32, I-33030 Campoformido (IT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B21B 43/00, 45/00**

(11) **WO 00/71274** (13) A1

(21) PCT/JP00/03317

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143156 **24 May/mai 1999 (24.05.1999)** JP

(30) 11/152282 **31 May/mai 1999 (31.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTINUOUS PRODUCTION FACILITIES FOR WIRE
• INSTALLATIONS DE PRODUCTION EN CONTINU DE FIL METALLIQUE

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ADACHI, Koji** [JP/JP]; Nippon Steel Corporation Muroran Works, 12, Nakamachi, Muroran City, Hokkaido 050-0087 (JP). **TANABE, Koji** [JP/JP]; Nippon Steel Corporation Muroran Works, 12, Nakamachi, Muroran City, Hokkaido 050-0087 (JP). **SEKI, Ryuichi** [JP/JP]; Nippon Steel Corporation Muroran Works, 12, Nakamachi, Muroran City, Hokkaido 050-0087 (JP). **TSUCHIDA, Kiichiro** [JP/JP]; Nippon Steel Corporation Muroran Works, 12, Nakamachi, Muroran City, Hokkaido 050-0087 (JP).

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

(81) CA CN KR US.

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

---

(51)[7] **B21C 23/00 // 25/02**

(11) **WO 00/71275** (13) A1

(21) PCT/FI00/00430

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 991164 **21 May/mai 1999 (21.05.1999)** FI

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR MANUFACTURING METAL OBJECTS
• DISPOSITIF DE FABRICATION D'OBJETS METALLIQUES

(71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEIKKILÄ, Irma** [FI/SE]; Drottning Kristinas väg 48, S-114 28 Stockholm (SE).

(74) **OUTOKUMPU OYJ**; Patent Services, P.O. Box 27, FIN-02201 Espoo (FI).

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

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B21D 7/024**

(11) **WO 00/71276** (13) A1

(21) PCT/NO00/00161

(22) **19 May/mai 2000 (19.05.2000)**

(25) no (26) en

(30) 19992476 **21 May/mai 1999 (21.05.1999)** NO

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR PRODUCTION OF CONTINUOUS STRETCHES OF CIRCULAR CYLINDRICAL MEMBERS, TOOLS, USE OF A TOOL, A LENGTH OF PIPE AND PIPE PARTS
• PROCEDES DE FABRICATION DE LONGUEURS CONTINUES DE MEMBRES CYLINDRIQUES CIRCULAIRES, OUTIL, UTILISATION D'UN OUTIL, LONGUEUR DE TUYAU ET PARTIES DE TUYAU

(71) **SKIPSKONSULT AS** [NO/NO]; Dragsund, N-6080 Gursksøy (NO).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MYKLEBUST, Terje, E.** [NO/NO]; Bendalsveien 13A, N-6090 Fosnavåg (NO).

(74) **PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS**; P.O. Box 5074 Majorstua, N-0301 Oslo (NO).

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

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

---

(51)[7] **B21D 13/00, E04C 2/32**

(11) **WO 00/71277** (13) A1

(21) PCT/GB00/01506

(22) **18 Apr/avr 2000 (18.04.2000)**

(25) en (26) en

(30) 9911644.4 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SHEET AND STRIP MATERIAL
• MATERIAU EN FORME DE FEUILLES OU DE BANDES

(71) **BANRO HOLDINGS LIMITED** [GB/GB]; Manor Works, Pleck Road, Walsall WS2 9ES (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EVANS, Jonathan, Leslie** [GB/GB]; The Granary, Wade Lane, Hill Ridware, Rugeley, Staffordshire WS15 3RE (GB).

(74) **MOSEY, Stephen, George** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

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

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

---

(51)[7] **B21D 51/26**

(11) **WO 00/71278** (13) A1

(21) PCT/EP00/04656

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 299 08 996.7 **21 May/mai 1999** DE **(21.05.1999)**

(30) 60/164,534 **10 Nov/nov 1999** US **(10.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ROLLING MACHINE
• MACHINE DE LAMINAGE

(71) **MAUSER-WERKE GMBH** [DE/DE]; Schildgesstrasse 71-163, D-50321 Brühl (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEIERLING, Hans-Jürgen** [DE/DE]; Überwasserstrasse 47, D-33100 Paderborn (DE).

(81) AT AU BG BR CA CH CN CZ DE DK ES FI GB HU ID IL IN JP KE KR MX NO PL PT RO RU SE SG SI SK TR US ZA.

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

---

(51)[7] **B21D 51/26, 22/30**

(11) **WO 00/71279** (13) A1

(21) PCT/EP00/04745

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 1012126 **21 May/mai 1999** NL **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF TENSILE STRESS FOR DEFORMING A METAL OBJECT IN THE FORM OF A CIRCUMFERENTIAL SURFACE
• UTILISATION DE LA CONTRAINTE DE TRACTION POUR DEFORMER UN OBJET METALLIQUE SOUS LA FORME D'UNE SURFACE PERIPHERIQUE

(71) **CORUS STAAL BV** [NL/NL]; P.O. Box 10000, NL-1970 CA IJmuiden (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VERMEIJ, Johannes** [NL/NL]; Zeeweg 37, NL-1852 CP Heiloo (NL). **SCHAAPER, Hans, Nicolaas** [NL/NL]; Leen Acker 36, NL-1965 RS Heemskerk (NL).

(74) **HERMAN DE GROOT, Johan, Willem**; Corus Technology BV, P.O. Box 10000, NL-1970 CA IJmuiden (NL).

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

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

---

(51)[7] **B21J 15/32**

(11) **WO 00/71280** (13) A1

(21) PCT/US99/25738

(22) **29 Oct/oct 1999 (29.10.1999)**

(25) en (26) en

(30) 09/315,333 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GRIPPING JAW ASSEMBLY WITH IN PHASE JAWS
• ENSEMBLE MACHOIRES DE PREHENSION A MACHOIRES SYNCHRONES

(71) **HUCK INTERNATIONAL, INC.** [US/US]; 3724 E. Columbia Street, Tucson, AZ 85714 (US).

(72) **TRAVIS, Robert, D.**; 3461 N. Via San Juanito, Tucson, AZ 85749 (US).

(74) **PAPP, Joseph, R.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) BR JP.

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

---

(51)[7] **B22C 1/00, 1/02, 9/08, B22D 1/00**

(11) **WO 00/71281** (13) A1

(21) PCT/EP00/04598

(22) **20 May/mai 2000 (20.05.2000)**

(25) de (26) de

(30) 199 23 779.4 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOLDING MATERIAL FOR BREAKER CORES FOR SPHEROIDAL GRAPHITE IRON
• MATIERE A MOULER POUR NOYAUX D'ETRANGLEMENT DESTINES A DE LA FONTE NODULAIRE

(71) **AS LÜNGEN GMBH & CO. KG** [DE/DE]; Hauptstrasse 200, D-56170 Bendorf am Rhein (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHOTTEK, Clemens** [DE/DE]; Siebenbürgenweg 46, D-40591 Düsseldorf (DE).

(74) **SPLANEMANN, Rainer** et al. / etc.; Rumfordstrasse 7, D-80469 München (DE).

(81) JP US.

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

Published / Publiée : *(c)*

---

(51)[7] **B22C 9/10, 21/14, F16B 19/02**

(11) **WO 00/71282** (13) A1

(21) PCT/DE00/01651

(22) **23 May/mai 2000 (23.05.2000)**

(25) de (26) de

(30) 199 23 856.1 **25 May/mai 1999** DE **(25.05.1999)**

(30) 299 20 419.7 **25 May/mai 1999** DE **(25.05.1999)**

(30) 199 55 957.0 **19 Nov/nov 1999** DE **(19.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR CONNECTING ALL TYPES OF PARTS
• DISPOSITIF POUR L'ASSEMBLAGE DE PIECES DE TOUT TYPE

(71) **HOTTINGER MASCHINENBAU GMBH** [DE/DE]; Düsseldorfer Strasse 20-28, D-68219 Mannheim (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROMMEL, Reiner** [DE/DE]; Rosengarten 11, D-68782 Brühl (DE). **BEYERER, Jürgen** [DE/DE]; Silcherstrasse 1, D-69234 Dielheim (DE). **SEIRAFFI, Mohammed, A.** [IR/DE]; Sauerbruchstrasse 3, D-69723 Schwetzingen (DE).

(74) **ULRICH & NAUMANN**; Luisenstrasse 14, D-69115 Heidelberg (DE).

(81) BR CA JP MX US.

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

Published / Publiée : *(c)*

---

(51)[7] **B22D 11/118**

(11) **WO 00/71283** (13) A1

(21) PCT/EP00/04074

(22) **6 May/mai 2000 (06.05.2000)**

(25) de (26) de

(30) 199 22 829.9 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR PURIFYING STEEL MELTS
• DISPOSITIF DE PURIFICATION D'ACIER FONDU

(71) **SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, D-40237 Düsseldorf (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GROTHE, Horst** [DE/DE]; Hermann-Loens-Strasse 17, D-41564 Kaarst (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihske, Grosse, Hammerstrasse 2, D-57072 Siegen (DE).

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

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

---

(51)[7] **B22F 3/00, 3/105, 3/14**

(11) **WO 00/71284** (13) A1

(21) PCT/FR00/01362

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06462 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR FORMING POROUS METAL PARTS BY SINTERING
• PROCEDE ET DISPOSITIF DE FORMAGE DE PIECES METALLIQUES POREUSES PAR FRITTAGE

(71) **RENAULT** [FR/FR]; 13-15, quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt (FR). **INSTITUT FRANCAIS DU PETROLE** [FR/FR]; 1 et 4, avenue du Bois Préau, F-92852 Rueil-Malmaison (FR). **ONERA (OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES)** [FR/FR]; 29, avenue de la Division Leclerc, F-92320 Châtillon (FR). **IMPHY UGINE PRECISION S.A.** [FR/FR]; Immeuble Pacific, 11-13, cours Valmy, F-92800 Puteaux (FR). **ARVIN EXHAUST S.A.** [FR/FR]; Route de Montargis, F-89304 Joigny (FR). **GERVOIS, S.A.** [FR/FR]; 1, rue Boucher de Perthes, F-80580 Pont Rémy (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALDER, André** [FR/FR]; 20, allée Bertrand Dauvin, F-94240 L'Hay les Roses (FR). **MARTIN, Brigitte** [FR/FR]; 63, rue Chemin de Putet, F-69230 Saint Genis Laval (FR).

(74) **KOHN, Philippe**; Cabinet Philippe Kohn, 30, rue Hoche, F-93500 Pantin (FR).

(81) JP US.

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

---

(51)[7] **B22F 3/11, 7/00**

(11) **WO 00/71285** (13) A1

(21) PCT/DE00/01559

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

(25) de (26) de

(30) 199 23 127.3 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPONENT COMPRISED OF A COMPOSITE MATERIAL CONTAINING A FORMABLE METALLIC MATERIAL AND METHOD FOR PRODUCING THE SAME
• COMPOSANT EN MATIERE COMPOSITE CONTENANT UNE MOUSSE METALLIQUE ET SON PROCEDE DE PRODUCTION

(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) **BAUMEISTER, Joachim** [DE/DE]; Cranzerstrasse 37, D-28777 Bremen (DE).

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

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B23B 31/02**

(11) **WO 00/71286** (13) A1

(21) PCT/EP00/04287

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 23 164.8 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CLAMPING CHUCK FOR CLAMPING TOOLS BY SHRINK-FIT
• MANDRIN DE SERRAGE DESTINE AU SERRAGE D'OUTILS PAR BLOCAGE PAR RETRAIT

(71) **SCHUNK GMBH & CO. KG FABRIK FÜR SPANN- UND GREIFWERKZEUGE** [DE/DE]; Bahnhofstrasse 106-134, D-74348 Lauffen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RETZBACH, Thomas** [DE/DE]; Forststrasse 19, D-74357 Bönnigheim (DE).

(74) **DIETER-ALFRED, Paul** et al. / etc.; Fichtestrasse 18, D-41464 Neuss (DE).

(81) JP US.

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

---

(51)[7] **B23B 51/12, 31/107, 31/22, 51/00, B25B 21/00**

(11) **WO 00/71287** (13) A1

(21) PCT/US00/14319

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,231 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/375,580 **17 Aug/août 1999** US **(17.08.1999)**

(30) 09/522,229 **9 Mar/mar 2000** US **(09.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SNAP-IN CHUCK ASSEMBLY, SNAP-IN TOOL AND TOOL DRIVE SYSTEM
• ENSEMBLE QUEUE DE FIXATION A ENCLENCHEMENT, OUTIL A ENCLENCHEMENT ET SYSTEME D'ENTRAINEMENT D'OUTIL

(63) US Not furnished / non communiqué (CON) Not furnished / non communiquée

(71, 72) **ROBISON, Troy, D.** [US/US]; 9 Crestview, Ingleside, IL 60041 (US).

(74) **VIGIL, Thomas, R.**; Vigil & Associates, 836 South Northwest Highway, Barrington, IL 60010 (US).

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

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

Published / Publiée : *(b)*

---

(51)[7] **B23D 21/10, B26D 3/16, H02G 1/12**

(11) **WO 00/71288** (13) A1

(21) PCT/GB00/01840

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9912091.7 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PIPE PREPARING TOOL V
• INSTRUMENT DE PREPARATION DE TUYAUX

(71) **UPONOR LIMITED** [GB/GB]; Hilcote Plant, P.O. Box 1, Blackwell, Nr Alfreton, Derbyshire DE55 5JD (GB). **CALDERVALE TECHNOLOGY LIMITED** [GB/GB]; Grange Road, Batley, West Yorkshire WF17 6LN (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MUCKLE, Derek** [GB/GB]; 18 Turvey Lane, Long Whatton, Leicestershire LE12 5DN (GB). **FARRAR, Steven, Garfield** [GB/GB]; 2 White Cross Road, Dewsbury, West Yorkshire WF12 7DT (GB). **LILLEY, Gordon, Leslie** [GB/GB]; 86 Upper Lane, Netherton, Wakefield WF4 4NF (GB). **MYERS, Paul, Nicholas** [GB/GB]; 29 Brookfields, Off South Lane, Netherton, Wakefield, West Yorkshire WF4 4NJ (GB). **SMITH, Ian** [GB/GB]; 33 Blackgates Crescent, Tingley, Wakefield, West Yorkshire WF3 1TQ (GB).

(74) **POTTER, Vanessa, Juliet**; DLA, Fountain Precinct, Balm Green, Sheffield S1 1RZ (GB) et al. / etc.

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

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

---

(51)[7] **B23D 51/01, 61/12, B26B 3/00**

(11) **WO 00/71289** (13) A1

(21) PCT/DE00/01656

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 299 08 882.0 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TOOL FOR TRIMMING CONSTRUCTION AND ASSEMBLY FOAMS
• OUTIL DE DECOUPE DE MOUSSES POUR BETON ET MONTAGE

(71, 72) **LORENZ, Matthias** [DE/DE]; Schulstrasse 31, D-08236 Ellefeld (DE).

(74) **ROHRSCHNEIDER, Gottfried**; Am Eichhäuschen 24, D-08523 Plauen (DE).

(81) PL.

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

Published / Publiée : *(c)*

---

(51)[7] **B23K 9/035, B60G 9/00, 11/27**

(11) **WO 00/71290** (13) A1

(21) PCT/US00/13612

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

(25) en (26) en

(30) 60/135,282 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AXLE/ADAPTER ASSEMBLY FOR VEHICLE SUSPENSION AND SUSPENSION INCORPORATING SAME
• ENSEMBLE ESSIEU/ADAPTATEUR POUR SUSPENSION DE VEHICULE, ET SUSPENSION LE COMPRENANT

(71) **HOLLAND NEWAY INTERNATIONAL, INC.** [US/US]; 1950 Industrial Boulevard, Muskegon, MI 49443 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PIERCE, William, C.** [US/US]; 221 North Stewart Street, Muskegon, MI 49442 (US).

(74) **DAVIS, Mark, A.**; Rader, Fishman, Grauer & McGarry, an Office of Rader, Fishman & Grauer PLLC, Suite 600, 171 Monroe Avenue, N.W., Grand Rapids, MI 49503 (US).

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

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

---

(51)[7] **B23K 11/25**

(11) **WO 00/71291** (13) A1

(21) PCT/US00/14431

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,307 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETERMINING RESISTANCE SPOTWELDING SYSTEM CONDITION
• DETERMINATION DE L'ETAT D'UN SYSTEME DE SOUDAGE PAR POINTS PAR RESISTANCE

(71) **MEDAR, INC.** [US/US]; 24775 Crestview Court, Farmington Hills, MI 48335 (US).

(72) **FARROW, John, F.**; 275 N. Harvey Street, Plymouth, MI 48170 (US).

(74) **SYROWIK, David, R.** et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

(81) CA JP MX.

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

---

(51)[7] **B23K 37/047, B25J 9/16, B23Q 17/22**

(11) **WO 00/71292** (13) A1

(21) PCT/EP00/04452

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 299 09 047.7 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POSITIONING DEVICE FOR A WORKPIECE HOLDER WORKPIECES
• DISPOSITIF DE POSITIONNEMENT POUR PORTE-PIECES OU PIECES

(71) **KUKA SCHWEISSANLAGEN GMBH** [DE/DE]; Blücherstrasse 144, D-86165 Augsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STIMMEL, Burkhard** [DE/DE]; Schätzlerstrasse 8, D-86150 Augsburg (DE). **FISCHER, Wolfgang** [DE/DE]; Joh.-Seb.-Bach-Strasse 19, D-86199 Augsburg (DE).

(74) **ERNICKE, Hans-Dieter** et al. / etc.; Schwibbogenplatz 2b, D-86153 Augsburg (DE).

(81) US.

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

Published / Publiée : *(c)*

---

(51)[7] **B23P 19/06, F16B 37/06**

(11) **WO 00/71293** (13) A1

(21) PCT/EP00/04153

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 22 864.7 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR FASTENING AN AUXILIARY JOINING ELEMENT TO A SHEET-SHAPED WORK PIECE AND WORK PIECE THAT IS PROVIDED WITH SUCH AN AUXILIARY JOINING ELEMENT
• PROCEDE ET DISPOSITIF PERMETTANT DE FIXER UN ELEMENT D'ASSEMBLAGE AUXILIAIRE A UNE PIECE EN TOLE ET PIECE EN TOLE DOTEE DUDIT ELEMENT

(71, 72) **MÜLLER, Rudolf** [DE/DE]; Fasanenweg 6, D-60437 Frankfurt/Main (DE).

(74) **KNOBLAUCH, Andreas**; Schlosserstrasse 23, D-60322 Frankfurt/Main (DE).

(81) BR CA JP MX US.

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

Published / Publiée : *(c)*

---

(51)[7] **B24B**

(11) **WO 00/71294** (13) A2

(21) PCT/GB00/01925

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911962.0 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF AND APPARATUS FOR REMOVING MATERIAL
• PROCEDE ET APPAREIL D'ELIMINATION DE MATIERE

(71) **EMERSON ELECTRIC UK LIMITED** [GB/GB]; 40 Portman Square, London W1H 9FH (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOUGILL, Nicolas, John** [GB/GB]; Buehler UK, Division of Emerson Electric UK Limited, Science Park, University of Warwick, Coventry CV4 7HS (GB). **CARTWRIGHT, David, John** [GB/GB]; Buehler UK, Division of Emerson Electric UK limited, Science Park, University of Warwick, Coventry CV4 7HS (GB). **BELL, Laurence, Alfred** [GB/GB]; Buehler UK, Division of Emerson Electric UK Limited, Science Park, University of Warwick, Coventry CV4 7HS (GB).

(74) **MOIR, Michael, Christopher** et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

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

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

---

(51)[7] **B24B 9/06, B24D 5/06, 7/18, B28D 1/30, 1/18**

(11) **WO 00/71295** (13) A1

(21) PCT/IT00/00201

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) RM99A000322 **21 May/mai 1999 (21.05.1999)** IT

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ROTARY TOOL WITH COMBINED ABRASIVE AND FRAGMENTATION ACTION FOR PRODUCING PROFILES OR CUTS ON SHEETS OF FRAGILE MATERIAL SUCH AS MARBLE, GRANITE, STONE, GLASS AND THE LIKE
• OUTIL ROTATIF AVEC ACTIONS D'ABRASION ET DE FRAGMENTATION COMBINEES POUR PRODUIRE DES PROFILES OU DES COUPES SUR DES MATERIAUX FRAGILES COMME LE MARBRE, LE GRANITE, LA PIERRE, LE VERRE, OU SIMILAIRES

(71, 72) **LUPI, Quintilio** [IT/GB]; 7 Kings Road, London NW10 2BL (GB).

(74) **CAVATTONI, Fabio** et al. / etc.; Viale dei Parioli, 160, I-00197 Roma (IT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B24B 23/04, A61H 37/00**

(11) **WO 00/71296** (13) A1

(21) PCT/EP00/04520

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 299 08 884.7 **19 May/mai 1999 (19.05.1999)** DE

(30) 100 18 246.1 **14 Apr/avr 2000 (14.04.2000)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIBRATING DEVICE
• DISPOSITIF VIBRANT

(71) **VAASSEN, Eugen** [DE/DE]; Claudiusstrasse 10, D-40474 Düsseldorf (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **PAULUSSEN, Willi** [DE/DE]; Diekermühlenstrasse 14a, D-42781 Haan (DE).

(74) **STENGER, WATZKE & RING**; Kaiser-Friedrich-Ring 70, D-40547 Düsseldorf (DE).

(81) BR CA CN JP MX RU US.

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

---

(51)[7] **B24B 37/04, 21/04, B24D 11/04, 11/00**

(11) **WO 00/71297** (13) A1

(21) PCT/US00/13328

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/316,166 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CHEMICAL MECHANICAL PLANARIZATION OR POLISHING PAD WITH SECTIONS HAVING VARIED GROOVE PATTERNS
• TAMPON D'APLANISSEMENT OU DE POLISSAGE CHIMIQUE MECANIQUE DOTE DE PARTIES PRESENTANT DES MOTIFS A RAINURES VARIES

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538-6470 (US).

(72) **JENSEN, Alan, J.**; 1515 South East 26th Court, Troutdale, OR 97060 (US). **THORNTON, Brian, S.**; 1592 Eisenhower Drive, Santa Clara, CA 95054 (US).

(74) **GENIN, Kent, E.**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) IL JP KR SG.

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

---

(51)[7] **B24C 5/04**

(11) **WO 00/71298** (13) A1

(21) PCT/US00/13314

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/316,786 **21 May/mai 1999 (21.05.1999)** US

(30) 09/559,745 **27 Apr/avr 2000 (27.04.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUPERHARD MATERIAL ARTICLE OF MANUFACTURE
• ARTICLE MANUFACTURE FAIT D'UN MATERIAU EXTRA-DUR

(71) **KENNAMETAL INC.** [US/US]; P.O. Box 231, Latrobe, PA 15650-0231 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MASSA, Ted, R.** [US/US]; 53 Orchard Drive, Latrobe, PA 15650 (US). **PRIZZI, John, J.** [US/US]; 649 Buckingham Drive, Greensburg, PA 15601 (US). **SIDDLE, David, R.** [US/US]; 1002 Dunedin Drive, Greensburg, PA 15601 (US).

(74) **PRIZZI, John, J.** et al. / etc.; Kennametal Inc., P.O. Box 231, Latrobe, PA 15650-0231 (US).

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

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

Published / Publiée : *(a)*

---

(51)[7] **B25B**

(11) **WO 00/71299** (13) A2

(21) PCT/FR00/01423

(22) **25 May/mai 2000 (25.05.2000)**

(25) fr (26) fr

(30) 99/06611 **25 May/mai 1999 (25.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOTORISED SCREWDRIVER WITH AN AUTOMATIC SYSTEM FOR LOADING SCREWS OR BOLTS
• TOURNEVIS ACTIONNE AVEC SYSTEME AUTOMATIQUE DE CHARGEMENT DE VIS OU DE BOULONS

(71, 72) **DUNBAR, Alexander, James, Cameron** [FR/FR]; 2, ruelle Guyot, F-51240 Mairy sur Marne (FR).

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

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

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

---

(51)[7] **B25B 13/12, 13/14**

(11) **WO 00/71300** (13) A1

(21) PCT/EP99/03558

(22) **25 May/mai 1999 (25.05.1999)**

(25) de (26) de

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UNIVERSAL SPANNER
• CLE UNIVERSELLE

(71) **LACREX SA** [CH/CH]; Via Eco 53, CH-6644 Orselina (CH).

(72) **PASBRIG, Max**; Via Eco 53, CH-6644 Orselina (CH).

(74) **BÜCHEL, Kurt, F.**; Letzanaweg 25, FL-9495 Triesen (LI).

(81) CZ PL RU SK.

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

---

(51)[7] **B25B 15/00, F16B 23/00, B25B 13/48**

(11) **WO 00/71301** (13) A1

(21) PCT/EP00/04731

(22) **24 May/mai 2000 (24.05.2000)**

(25) de (26) de

(30) 199 23 855.3 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TAMPER RESISTANT SCREW AND ACCOMPANYING SCREWDRIVER
• VIS DE SECURITE ET OUTIL DE VISSAGE CORRESPONDANT

(71) **WERA WERK HERMANN WERNER GMBH & CO.** [DE/DE]; Korzerter Strasse 21-25, D-42349 Wuppertal (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEINTZ, Stefan** [DE/DE]; Sudetenstrasse 34, D-40822 Mettmann (DE). **REUSCH, Andreas** [DE/DE]; Philipp-Melanchthon-Strasse 3, D-42855 Remscheid (DE).

(74) **GRUNDMANN, Dirk** et al. / etc.; Corneliusstrasse 45, D-42329 Wuppertal (DE).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B25B 21/00, 23/145**

(11) **WO 00/71302** (13) A1

(21) PCT/IT00/00199

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

(25) it (26) en

(30) MI99A001118 **21 May/mai 1999** IT **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PORTABLE HYDRAULIC WRENCH
• CLÉ HYDRAULIQUE PORTABLE

(71) **GAMMAFLEX S.R.L.** [IT/IT]; SS 11 Padana Superiore 1, I-20060 Cassina de' Pecchi (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GIUSSANI, Osvaldo** [IT/IT]; Via Villa Pompea, 10, I-20060 Cassina de' Pecchi (IT). **GIUSSANI, Fabio** [IT/IT]; Via Lecco 170, I-20041 Agrate Brianza (IT).

(74) **BOTTERO, Claudio** et al. / etc.; Porta, Checcacci & Associati S.p.A., Viale Sabotino, 19/2, I-20135 Milano (IT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B25B 23/14**

(11) **WO 00/71303** (13) A2

(21) PCT/US00/08748

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 60/132,202 **3 May/mai 1999** US **(03.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPULSE WRENCH
• CLE A IMPULSIONS

(71) **THE STANLEY WORKS** [US/US]; 1000 Stanley Drive, New Britain, CT 06053 (US).

(72) **BORRIES, John, A.**; 11016 Wood Hollow, Chardon, OH 44024 (US). **TAUCHER, Kenneth, F.**; 7069 Hoover Drive, Mentor, OH 44060 (US).

(74) **BARUFKA, Jack, S.** et al. / etc.; Pillsbury Madison & Sutro LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

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

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

---

(51)[7] **B25B 27/00**

(11) **WO 00/71304** (13) A1

(21) PCT/US00/14252

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/136,016 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DOCTOR BLADE EXTRACTOR
• EXTRACTEUR DE RACLE

(71, 72) **MOSCONE, John** [US/US]; 76 Old Dover Road, Rochester, NH 03867 (US).

(74) **PERREAULT, Donald J.** et al. / etc.; Hayes, Soloway, Hennessey, Grossman & Hage, 175 Canal Street, Manchester, NH 03101 (US).

(81) CA.

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

---

(51)[7] **B25C 1/18, 7/00, B25D 17/00, 17/11**

(11) **WO 00/71305** (13) A1

(21) PCT/AU00/00304

(22) **11 Apr/avr 2000 (11.04.2000)**

(25) en (26) en

(30) PQ 0505 **21 May/mai 1999** AU **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POWER ACTUATED TOOL AND SHROUD FOR USE WITH THE TOOL
• OUTIL MOTORISE ET ENVELOPPE UTILISEE AVEC LEDIT OUTIL

(71) **RAMSET FASTENERS (AUST.) PTY.LIMITED** [AU/AU]; Maroondah Highway, Croydon, VIC 3136 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GREENHILL, Silviu** [AU/AU]; 2/531 South Road, Bentleigh, VIC 3204 (AU). **CONNELL, Robert, Urqhart** [AU/AU]; 10 Goodall Street, Hawthorn, VIC 3122 (AU).

(74) **HIND, Raymond, Stenton** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(81) AU JP KR NZ US ZA.

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

---

(51)[7] **B25J 15/06, H05K 13/04**

(11) **WO 00/71306** (13) A1

(21) PCT/JP00/03211

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/141728 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PART SUCKING NOZZLE LIFTER
• DISPOSITIF DE RELEVAGE DE BUSE PAR SUCCION PARTIELLE

(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) **KABESHITA, Akira** [JP/JP]; 1-1-16, Himurodai, Hirakata-shi, Osaka 573-0115 (JP). **OKUDA, Osamu** [JP/JP]; 608C-202, Sanpaku, 35-1, Wakamiya, Tamaho-cho, Nakakoma-gun, Yamanashi 409-3803 (JP). **MIMURA, Naoto** [JP/JP]; 37-7, Higashiaburakawa, Isawa-cho, Higashiyatsushiro-gun, Yamanashi 406-0046 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) CN JP KR SG US.

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

---

(51)[7] **B26B 5/00**

(11) **WO 00/71307** (13) A1

(21) PCT/CA00/00591

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,043 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CUTTING/SCRAPING TOOL
• OUTIL DE DECOUPE ET DE RACLAGE

(71) **1360314 ONTARIO LIMITED** [CA/CA]; 3218 Rainbow Court, Burlington, Ontario L7M 2T8 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MEDHURST, Simon, M.** [CA/CA]; 3218 Rainbow Court, Burlington, Ontario L7M 2T8 (CA).

(74) **HOFBAUER, Patrick, J.**; Suite 205N, 1455 Lakeshore Road, Burlington, Ontario L7S 2J1 (CA).

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

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

---

(51)[7] **B26D 1/12**

(11) **WO 00/71308** (13) A1

(21) PCT/US00/14664

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 1999/19064 **26 May/mai 1999** KR **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A ROTARY DIE BOARD AND METHOD FOR MANUFACTURING SAME
• PLAQUE D'ESTAMPAGE ROTATIVE ET SON PROCEDE DE FABRICATION

(71) **SDS USA, INC.** [US/US]; 151 Walnut Street, Northvale, NJ 07647 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SONG, Byung-Jun** [KR/KR]; 1209-1404 Jukong Apt., 449-6 Chulsan-dong, Kwangmyung-city, Kyungki-do (KR).

(74) **CHAU, Frank** et al. / etc.; F. Chau & Associates, LLP, Suite 501, 1900 Hempstead Turnpike, East Meadow, NY 11554 (US).

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

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

---

(51)[7] **B26D 5/00**

(11) **WO 00/71309** (13) A1

(21) PCT/US00/14145

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,468 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SELF-GUIDING PUNCH AND DIE SET
• ARRANGEMENT POINÇON ET MATRICE A AUTOGUIDAGE

(71) **HUMDINGER, INC.** [US/US]; 2403-13 N. Second Street, Philadelphia, PA 19133 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHROTH, Michael** [US/US]; 849 Franklinville Road, Mullica Hill, NJ 08062 (US). **ROONEY, Thomas** [US/US]; 112 Kendall Boulevard, Oaklyn, NJ 08107 (US).

(74) **APICELLI, Samuel, W.** et al. / etc.; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103-7396 (US).

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

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B27B 13/00, 13/06, 33/06**

(11) **WO 00/71310** (13) A1

(21) PCT/AU00/00490

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) PQ 0460 **20 May/mai 1999** AU **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BANDSAW APPARATUS AND METHOD OF OPERATION
• SCIE A RUBAN ET SON PROCEDE D'ACTIONNEMENT

(71, 72) **DOUGLAS, Alexander, David** [AU/AU]; P.O. Box 241, Nimbin, NSW 2480 (AU).

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

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

Published / Publiée : *(a)*

---

(51)[7] **B27K**

(11) **WO 00/71311** (13) A2

(21) PCT/US00/14371

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,539 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COPPER/AMINE OXIDE WOOD PRESERVATIVES
• PRODUITS DE CONSERVATION DU BOIS A BASE D'OXYDES D'AMINE / DE CUIVRE

(71) **LONZA INC.** [US/US]; 17-17 Route 208, Fair Lawn, NJ 07410 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALKER, Leigh, E.** [US/US]; 4758 Macungie Mountain Road, Macungie, PA 18062 (US).

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

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

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

---

(51)[7] **B27K 3/50**

(11) **WO 00/71312** (13) A1

(21) PCT/US00/14369

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,568 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AMINE OXIDE/IODINE CONTAINING BLENDS FOR WOOD PRESERVATION
• MELANGES CONTENANT DES OXYDES D'AMINE/D'IODE DESTINES A LA CONSERVATION DU BOIS

(71) **LONZA INC.** [US/US]; 17-17 Route 208, Fair Lawn, NJ 07410 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALKER, Leigh, E.** [US/US]; 4758 Macungie Mountain Road, Macungie, PA 18062 (US).

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

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

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

Published / Publiée : *(c)*

---

(51)[7] **B27K 3/50**

(11) **WO 00/71313** (13) A1

(21) PCT/US00/14372

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,561 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ISOTHIAZOLONE/AMINE OXIDE WOOD PRESERVATIVES
• PRODUITS DE CONSERVATION DU BOIS A BASE D'OXYDE D'AMINE ET D'ISOTHIAZOLONE

(71) **LONZA INC.** [US/US]; 17-17 Route 208, Fair Lawn, NJ 07410 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TSENG, Chuen-Ing** [US/US]; 402 Bergen Street, Lawrenceville, NJ 08648 (US). **WALKER, Leigh, E.** [US/US]; 4758 Macungie Mountain Road, Macungie, PA 18062 (US).

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

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

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

Published / Publiée : *(c)*

---

(51)[7] **B27K 3/50**

(11) **WO 00/71314** (13) A1

(21) PCT/US00/14373

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,562 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AZOLE/AMINE OXIDE WOOD PRESERVATIVES
• PRODUITS DE CONSERVATION DU BOIS A BASE D'AZOLES / D'OXYDES D'AMINE

(71) **LONZA INC.** [US/US]; 17-17 Route 208, Fair Lawn, NJ 07410 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TSENG, Chuen-Ing** [US/US]; 402 Bergen Street, Lawrenceville, NJ 08648 (US). **WALKER, Leigh, E.** [US/US]; 4758 Macungie Mountain Road, Macungie, PA 18062 (US).

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

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

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

Published / Publiée : *(c)*

---

(51)[7] **B28B 1/52, 3/22, E04C 2/06**

(11) **WO 00/71315** (13) A1

(21) PCT/FI00/00458

(22) **19 May/mai 2000 (19.05.2000)**

(25) fi (26) en

(30) 991165 **21 May/mai 1999** FI **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONCRETE PRODUCT AND METHOD AND APPARATUS FOR PRODUCING A CONCRETE PRODUCT
• PRODUIT EN BETON, PROCEDE ET APPAREIL PERMETTANT DE LE FABRIQUER

(71) **VALKEAKOSKI X-TEC OY LTD** [FI/FI]; Sammonkatu 10, FIN-37600 Valkeakoski (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OJANEN, Paavo** [FI/FI]; Väinöntie 13, FIN-37680 Valkeakoski (FI). **SARJA, Asko** [FI/FI]; Nuolitie 49, FIN-02240 Espoo (FI). **KAJAVA, Antero** [FI/FI]; Saunamäentie 22 A, FIN-02770 Espoo (FI).

(74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

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

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

---

(51)[7] **B28B 11/04, E04C 2/26**

(11) **WO 00/71316** (13) A1

(21) PCT/SE99/00869

(22) **21 May/mai 1999 (21.05.1999)**

(25) sv (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING A FORM-WORKED COLOURED CONCRETE STRUCTURE AND A CONCRETE STRUCTURE PRODUCED IN ACCORDANCE WITH SAID METHOD
• PROCEDE POUR PRODUIRE UNE STRUCTURE EN BETON COLORE COFFREE ET STRUCTURE EN BETON PRODUITE SELON CE PROCEDE

(71, 72) **MELLSTRÖM, Göran** [SE/SE]; Katrinebergsbacken 28, S-117 61 Stockholm (SE).

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

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

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

---

(51)[7] **B28B 21/38, 21/56, E04H 12/12**

(11) **WO 00/71317** (13) A1

(21) PCT/PT99/00010

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR THE PRODUCTION OF HOLLOW TUBULAR PARTS, PARTS

AND ASSEMBLY OBTAINED FROM THEM

- PROCEDE DE PRODUCTION DE PIECES TUBULAIRES CREUSES, ET PIECES ET ENSEMBLE OBTENUS SELON CE PROCEDE

(71, 72) **VIEIRA, Alberto, Tomás** [PT/PT]; Apartado 2, Eixo, 3800 EIXO-AVEIR Aveiro (PT).

(74) **PEREIRA, António, Maria**; Edifício Eurolex, Avenida da Liberdade, 224, 1250-148 Lisboa Lisboa (PT).

(81) BR MX NO RO SE TR.

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

---

(51)[7] **B28B 23/00, E01C 5/06**

(11) **WO 00/71318** (13) A1

(21) PCT/GB00/01884

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911709.5 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9930169.9 **21 Dec/déc 1999** GB **(21.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVEMENTS IN PAVING SLABS
- AMELIORATIONS APPORTEES A DES DALLES DE PAVAGE

(71, 72) **PANTON, Mark** [GB/GB]; 159 Carholme Road, Lincoln LN1 1RU (GB).

(74) **LOVEN, Keith, James**; Loven & Co., Quantum House, 30 Tentercroft Street, Lincoln LN5 7DB (GB).

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

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

---

(51)[7] **B29B 9/06, C08J 3/12, C09D 5/03**

(11) **WO 00/71319** (13) A1

(21) PCT/AT00/00117

(22) **3 May/mai 2000 (03.05.2000)**

(25) de (26) de

(30) A 807/99 **5 May/mai 1999** AT **(05.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PREPARING OR TREATING A THERMOPLASTIC MATERIAL AND DEVICE FOR CARRYING OUT SAID METHOD
- PROCEDE DE TRAITEMENT ET/OU DE PREPARATION D'UNE MATIERE THERMOPLASTIQUE, ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) **TIGERWERK LACK- U. FARBENFABRIK GMBH & CO. KG.** [AT/AT]; Negrellistrasse 36, A-4600 Wels (AT).

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

(72, 75) **BAUER, Andreas** [AT/AT]; Berghamerstrasse 41, A-4072 Alkoven (AT). **REICH, Gerhard** [AT/AT]; Herderstrasse 29, A-4600 Wels (AT).

(74) **PISO, Eberhard** et al. / etc.; Mahlerstrasse 9, A-1010 Wien (AT).

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

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

---

(51)[7] **B29B 9/06 // B29K 67:00**

(11) **WO 00/71320** (13) A1

(21) PCT/US00/14440

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,770 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/577,082 **24 May/mai 2000** US **(24.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A PROCESS FOR RAPID CRYSTALLIZATION OF POLYESTERS AND CO-POLYESTERS VIA IN-LINE DRAFTING AND FLOW-INDUCED CRYSTALLIZATION
- PROCEDE POUR LA CRISTALLISATION RAPIDE DES POLYESTERS ET DES COPOLYESTERS PAR ETIRAGE EN LIGNE ET CRISTALLISATION PAR ECOULEMENT

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **SHELBY, Marcus, David**; 299 Pactolus Road, Kingsport, TN 37663 (US). **DONELSON, Michael, Eugene**; 307 Cedar Valley Boulevard, Gray, TN 37615 (US). **WEINHOLD, Stephen**; 3272 Ridgeview Street, Kingsport, TN 37664 (US). **HALL, Harry, Probert**; 2048 Malvern Drive, Kingsport, TN 37660 (US).

(74) **HARDING, Karen, A.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).

(81) JP.

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

---

(51)[7] **B29C**

(11) **WO 00/71321** (13) A2

(21) PCT/US00/11969

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 09/316,822 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SHARED VIEWS FOR BROWSING CONTENT
- ECHANGE DE VUES CONCERNANT LE CONTENU D'UNE EXPLORATION

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmon, WA 98052 (US).

(72) **ANDREW, Felix, G., T., I.**; 5221 37th Avenue N.E., Seattle, WA 98105 (US). **SOBESKI, David, A.**; 15817 N.E. 90th Street, Redmond, WA 98052 (US). **SMITH, Michael, D.**; 1814 First Street, Kirkland, WA 98033 (US). **POST, Lisa, G.**; 15981 N.E. 84th Street, Redmond, WA 98052 (US).

(74) **ROCCI, Steven, J.**; Woodcock Washburn Kurtz MacKiewicz & Norris LLP, One Liberty Place, 46th floor, Philadelphia, PA 19103 (US).

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

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

---

(51)[7] **B29C 41/22, 37/00, G09B 21/00**

(11) **WO 00/71322** (13) A1

(21) PCT/US00/13909

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,681 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DECORATIVE SIGNAGE WITH PORTIONS IN RELIEF AND METHOD OF MAKING SAME
- SIGNAL DECORATIF COMPORTANT DES PARTIES EN RELIEF ET SON PROCEDE DE PRODUCTION

(71) **TACTILE GRAPHICS, INC.** [US/US]; 1500 East Club Boulevard, Durham, NC 27704 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STECKER, William, M.** [US/US]; 513 Twinn Elms, Chapel Hill, NC 27516 (US).

(74) **BODDIE, Needham, J., II** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG 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) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

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

Published / Publiée : *(c)*

---

(51)[7] **B29C 45/00, 45/17, B29D 17/00**

(11) **WO 00/71323** (13) A1

(21) PCT/US00/14542

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/135,898 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR MANUFACTURING SPECIALLY SHAPED CD-ROMS UTILIZING INJECTION MOLDING
• SYSTEME ET PROCEDE PERMETTANT LA PRODUCTION DE CD-ROMS DE FORME SPECIALE AU MOYEN D'UN MOULAGE PAR INJECTION

(71) **IACCESS.COM, L.C.** [US/US]; 14850 South Pony Express Road, Bluffdale, UT 84065 (US).

(72) **MARKISICH, Erney**; 14850 South Pony Express Road, Bluffdale, UT 84065 (US).

(74) **O'BRYANT, David, W.** et al. / etc.; Morriss, Bateman, O'Bryant & Compagni, P.C., Suite 300, 5882 South 900 East, Salt Lake City, UT 84121 (US).

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

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

---

(51)[7] **B29C 45/14, 45/00, 45/26, G03G 15/20**

(11) **WO 00/71324** (13) A1

(21) PCT/JP00/03168

(22) **17 May/mai 2000 (17.05.2000)**

(25) ja (26) ja

(30) 11/139253 **19 May/mai 1999** JP **(19.05.1999)**

(30) 11/139254 **19 May/mai 1999** JP **(19.05.1999)**

(30) 11/157267 **4 Jun/juin 1999** JP **(04.06.1999)**

(30) 11/157340 **4 Jun/juin 1999** JP **(04.06.1999)**

(30) 11/157360 **4 Jun/juin 1999** JP **(04.06.1999)**

(30) 11/231370 **18 Aug/août 1999** JP **(18.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RESIN ROLLER AND DEVICE AND METHOD FOR MANUFACTURING THE RESIN ROLLER
• GALET DE RESINE ET DISPOSITIF ET PROCEDE D'OBTENTION DE CE DERNIER

(71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OHGOSHI, Hiroshi** [JP/JP]; Kaneka Corporation, 1-1, Hieitsuji 2-chome, Ohtsu-shi, Shiga 520-0104 (JP). **KOMATSU, Toshiyuki** [JP/JP]; Kaneka Corporation, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6025 (JP). **SEZAKI, Koji** [JP/JP]; Kaneka Corporation, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6025 (JP). **TSUNEMI, Hidenari** [JP/JP]; Kaneka Corporation, 1-1, Hieitsuji 2-chome, Ohtsu-shi, Shiga 520-0104 (JP). **KOBAYASHI, Kenji** [JP/JP]; Kaneka Corporation, 1-1, Hieitsuji 2-chome, Ohtsu-shi, Shiga 520-0104 (JP).

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) JP KR US.

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

---

(51)[7] **B29C 45/28**

(11) **WO 00/71325** (13) A1

(21) PCT/EP00/04503

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

(25) en (26) en

(30) TO99A000426 **21 May/mai 1999** IT **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A UNIT FOR ACTUATING THE ROD OF A CLOSURE ELEMENT IN A MOULD FOR THE INJECTION-MOULDING OF PLASTICS MATERIALS
• DISPOSITIF COMMANDANT LA TIGE D'UN ELEMENT DE FERMETURE D'UN MOULE UTILISE POUR LE MOULAGE PAR INJECTION DE MATERIAUX PLASTIQUES

(71) **THERMOPLAY S.R.L.** [IT/IT]; Loc. Saint Grat, I-11020 Hône (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ENRIETTI, Piero** [IT/IT]; Via Roma, 164, I-11020 Donnas (IT).

(74) **FIORAVANTI, Corrado** et al. / etc.; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B29C 47/00, 47/88, B32B 31/30**

(11) **WO 00/71326** (13) A1

(21) PCT/EP00/04699

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) PD99A000114 **25 May/mai 1999** IT **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING A PLASTIC FILM HAVING IMPROVED CHARACTERISTICS, APPARATUS FOR PERFORMING THE METHOD, AND FILM THUS OBTAINED
• PROCEDE DE FABRICATION D'UN FILM PLASTIQUE PRESENTANT DES CARACTERISTIQUES AMELIOREES, APPAREIL PERMETTANT DE REALISER CE PROCEDE ET FILM PLASTIQUE AINSI OBTENU

(71) **BP EUROPACK S.P.A.** [IT/IT]; Via Dalmastro, 2, I-36030 Lugo di Vicenza (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STERNER, Marion** [DE/IT]; Via Castello, 6614, I-30122 Venezia (IT). **TRANI, Giorgio** [IT/IT]; Via Giudecca, 671, I-30122 Venezia (IT). **VISONA', Sergio** [IT/IT]; Via Matteotti, 52, I-36010 Chiuppano (IT). **RAZETI, Marco** [IT/IT]; Via Newton, 36, I-35143 Padova (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, IT-20123 Milano (IT).

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

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

---

(51)[7] **B29C 65/00, B29D 30/28**

(11) **WO 00/71327** (13) A1

(21) PCT/US99/11254

(22) **20 May/mai 1999 (20.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TIRE BUILDING APPARATUS
• APPAREIL DE FABRICATION DE PNEUMATIQUES

(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) **PULFORD, Carl, Trevor, Ross** [US/US]; 2504 8th Street, Cuyahoga Falls, OH 44221 (US). **SENTMANAT, Martin, Lamar** [US/US]; 686 Ardleigh Drive, Akron, OH 44303 (US).

(74) **LACHER, Frederick, K.**; c/o Robert W. Brown, The Goodyear Tire & Rubber Company, Patent Counsel, 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 GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

---

(51)[7] **B29C 67/20, B32B 5/18, C08G 18/09**

(11) **WO 00/71328** (13) A1

(21) PCT/EP00/04373

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) SV99A000015 **19 May/mai 1999** IT **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FOAMED THERMOFORMABLE PLASTIC MATERIAL AND PROCESS FOR PRODUCING SAME
• MATERIAU THERMOFORMABLE PLASTIQUE EXPANSE ET SON PROCEDE DE PRODUCTION

(71) **I.P.M. INDUSTRIA PLASTICA MONREGALESE S.P.A.** [IT/IT]; Via Vigevano, 1, I-12084 Mondovì (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FORZANO, Bartolomeo** [IT/IT]; Via Robè Giusta, 11, I-12084 Mondovì (IT). **FERRERO, Gianfranco** [IT/IT]; Via Tiro A Segno, 65, I-12084 Mondovì (IT).

(74) **KARAGHIOSOFF, Giorgio, A.**; Karaghiosoff & Frizzi S.a.s., Via Pecorile 27/B, I-17015 Celle Ligure (IT).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B29C 70/42, 70/44, B05D 7/24**

(11) **WO 00/71329** (13) A1

(21) PCT/NO00/00166

(22) **19 May/mai 2000 (19.05.2000)**

(25) no (26) en

(30) 19992450 **21 May/mai 1999** NO **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCEDURE AND DEVICE FOR THE MOULDING OF COMPOSITE MATERIALS
• PROCEDE ET DISPOSITIF POUR LE MOULAGE DE MATERIAUX COMPOSITES

(71) **LABYRINT DEVELOPMENT AS** [NO/NO]; Postboks 214, N-1601 Fredrikstad (NO). **ADVANCED COMPOSITE ENGINEERING AS** [NO/NO]; N-1671 Kråkerøy (NO).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HANSEN, Pål, Francis** [NO/NO]; N-1606 Fredrikstad (NO). **TOLFSEN, Ulf** [NO/NO]; Torsnesveien 101, N-1634 Gamle Fredrikstad (NO). **PETTERSEN, Bjørn** [NO/NO]; N-1600 Fredrikstad (NO).

(74) **ABC-PATENT, SIVILING. ROLF CHR. B. LARSEN A.S**; Brynsveien 5, N-0667 Oslo (NO).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B29D 11/00, B29C 65/52**

(11) **WO 00/71330** (13) A1

(21) PCT/US00/14380

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,297 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPHTHALMIC LENS LAMINATION APPARATUS AND PROCESS
• APPAREIL ET PROCEDE DE LAMINAGE DE LENTILLES OPHTALMOLOGIQUES

(71) **VISION-EASE LENS, INC.** [US/US]; 7000 Sunwood Drive, Ramsey, MN 55303 (US).

(72) **BLOMBERG, Chris**; 849 21st Avenue SE, Minneapolis, MN 55414 (US). **BHALAKIA, Sujal**; 3935 Alvarado Lane, Plymouth, MN 55446 (US). **LEVIN, Gert**; 3611 Lancaster Lane #2-103, Plymouth, MN 55441 (US).

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

.

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

---

(51)[7] **B29D 11/00**

(11) **WO 00/71331** (13) A1

(21) PCT/US00/14413

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,396 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STRESS-RELIEVED ACRYLIC OPTICAL LENSES AND METHODS OF MANUFACTURE BY INJECTION COINING MOLDING
• LENTILLES OPTIQUES, ACRYLIQUES, RELAXEES ET PROCEDES DE FABRICATION PAR MOULAGE PAR INJECTION-MATRIÇAGE

(71) **AMERICAN GREETINGS CORP.** [US/US]; One American Road, Cleveland, OH 44144 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **POPE, Darrell** [—/US]; 8740 NW 40th St. #201, Coral Springs, FL 33065 (US).

(74) **SCOTT, James, C.**; Arter & Hadden LLP, 1100 Huntington Building, 925 Euclid Avenue, Cleveland, OH 44115 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B30B**

(11) **WO 00/71332** (13) A2

(21) PCT/US00/14378

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,591 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WEB RETENTION APPARATUS AND METHOD FOR CUTOFF BLADE
• APPAREIL DE RETENTION DE TISSU ET PROCEDE DESTINE A UNE LAME DE COUPE

(71) **C.G. BRETTING MANUFACTURING COMPANY, INC.** [US/US]; 3401 East Main Street, Ashland, WI 54806 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COUTURIER, Dennis, P.** [—/US]; 209 West Fortier, Washburn, WI 54891 (US).

(74) **FELLOWS, Gerald, L.** et al. / etc.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

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

---

(51)[7] **B31B 1/14, 1/22, B26F 1/44**

(11) **WO 00/71333** (13) A1

(21) PCT/SE00/00290

(22) **15 Feb/fév 2000 (15.02.2000)**

(25) sv (26) en

(30) 9901840-0 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND PUNCH FORM FOR DIE-CUTTING OF PACKAGING MATERIAL AND THE USE THEREOF
• PROCEDE ET APPAREIL DE DECOUPAGE A L'EMPORTE-PIECE D'UN MATERIAU D'EMBALLAGE ET LEUR UTILISATION

(71) **SOBI HB** [SE/SE]; Alvägen 21, S-183 63 Täby (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CAVLIN, Sören** [SE/SE]; Alvägen 21, S-183 63 Täby (SE).

(74) **STRANDIN, Heléne** et al. / etc.; Bergenstråhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).

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

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

---

(51)[7] **B32B 1/08, 5/16, 27/36, 27/00, 27/34, 27/36, 27/08, B05D 5/00, 1/36, 1/28, B41L 35/14, 23/04, 41/00, B41F 31/00, 31/02**

(11) **WO 00/71334** (13) A1

(21) PCT/US00/12304

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 09/315,930 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FILM STRUCTURES CONTAINING OXYGEN SCAVENGING COMPOSITIONS AND METHOD OF APPLICATION
• STRUCTURES DE FILMS CONTENANT DES COMPOSITIONS CAPTANT L'OXYGENE ET LEUR PROCEDE D'APPLICATION

(71) **PECHINEY EMBALLAGE FLEXIBLE EUROPE** [US/US]; 1 rue de l'Union, F-92843 Rueil Malmaison (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUNT, Thomas, F.** [US/US]; 2655 Sunnview Road, Appleton, WI 54914 (US). **GALLOWAY, Deane** [US/US]; 2517 North Hillwood Court, Appleton, WI 54911 (US). **MILLER, Daniel, S.** [US/US]; 102 20th Street, SW, Austin, MN 55912 (US).

(74) **DUNCAN, Margaret, M.**; McDermott, Will & Emery, 227 West Monroe, Chicago, IL 60606 (US).

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

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

---

(51)[6] **B32B 7/12, 7/14, B41L 1/24, 1/36, B42D 15/00**

(11) **WO 00/71335** (13) A1

(21) PCT/US99/11162

(22) **20 May/mai 1999 (20.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITE SHEET AND SHEET STACK
• FEUILLE COMPOSITE ET PILE DE FEUILLES

(71) **LEV INDUSTRIES, INC.** [US/US]; 90 Oak Street, Newton Upper Falls, MA 02464 (US).

(72) **LEVIN, Herbert, L.**; 215 Fox Hill Road, Needham, MA 02192 (US).

(74) **BACHMAN, Robert, H.** et al. / etc.; Suite 1201, 900 Chapel Street, New Haven, CT 06510-2802 (US).

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

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

---

(51)[7] **B32B 21/02**

(11) **WO 00/71336** (13) A1

(21) PCT/US00/13970

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,016 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR ENHANCING THE CHARACTERISTICS AND DURABILITY OF WOOD FIBER CEMENT AND WOOD FIBER CONCRETE COMPOSITES
• PROCEDE PERMETTANT D'AMELIORER LES CARACTERISTIQUES ET LA LONGEVITE DE CIMENT ET DE BETON COMPOSITE RENFERMANT DE LA FIBRE DE BOIS

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BLANKENHORN, Paul, R.** [US/US]; 1349 Linn Street, State College, PA 16801 (US). **SILSBEE, Michael, R.** [US/US]; 211 Spring Street, State College, PA 16801 (US).

(74) **MONAHAN, Thomas, J.**; Intellectual Property Office, The Pennsylvania State University, 113 Technology Center, University Park, PA 16802-7000 (US).

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

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

---

(51)[7] **B32B 25/04, 25/12, 27/08, 27/38, C08G 59/00**

(11) **WO 00/71337** (13) A1

(21) PCT/US00/14528

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,048 **26 May/mai 1999** US **(26.05.1999)**

(30) 60/146,001 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTODEPOSITION COATINGS AND PROCESS THEREFOR
• REVETEMENTS APPLIQUES PAR DEPOT SANS COURANT

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) **AGARWAL, Rajat, K.**; 34271 Coastal Drive, Sterling Heights, MI 48310 (US). **BAMMEL, Brian, D.**; 447 Parkland Drive, Rochester Hills, MI 48307 (US). **FRISTAD, William, E.**; 3724 New Castle Drive, Rochester Hills, MI 48306 (US). **ROSSIER, Gregg, W.**; 2525 Foxcliff N., Martinsville, IN 46151 (US). **SIEBERT, Elizabeth, J.**; 1755 Butterfield, Troy, MI 48084 (US). **YANG, Zhiqi**; 2395 Sweet Drive, Troy, MI 48098 (US).

(74) **MURPHY, Glenn, E., J.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

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

---

(51)[7] **B32B 27/32, C08J 5/18, C08L 23/10, C08K 5/1575**

(11) **WO 00/71338** (13) A1

(21) PCT/IB00/00423

(22) **6 Apr/avr 2000 (06.04.2000)**

(25) en (26) en

(30) 09/315,098 **19 May/mai 1999** US **(19.05.1999)**

(30) 09/454,869 **3 Dec/déc 1999** US **(03.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH SURFACE GLOSS, CO-EXTRUDED SHEETS FROM OLEFIN POLYMER MATERIALS
• FEUILLES CO-EXTRUDEES, A FORT BRILLANT DE SURFACE, PRODUITES A PARTIR DE MATERIAUX POLYMERES OLEFINIQUES

(71) **MONTELL TECHNOLOGY COMPANY BV** [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL).

(72) **SHAH, Bakhtiar, Alam**; 36 Long Drive, Elkton, MD 21921 (US). **ROSENTHAL, Jay, S.**; 193 South Benjamin Drive, West Chester, PA 19382 (US).

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

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

---

(51)[7] **B32B 27/36, G11B 5/733**

(11) **WO 00/71339** (13) A1

(21) PCT/JP00/03188

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

(25) ja (26) ja

(30) 11/145026 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BIAXIALLY ORIENTATED MULTI LAYER POLYESTER FILM
• FILM POLYESTER MULTICOUCHE A ORIENTATION BIAXIALE

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOBAYASHI, Ieyasu** [JP/JP]; Teijin Limited, Sagamihara Research Center, 37-19, Oyama 3-chome, Sagamihara-shi, Kanagawa 229-1105 (JP). **OSAWA, Toshifumi** [JP/JP]; Teijin Limited, Sagamihara Research Center, 37-19, Oyama 3-chome, Sagamihara-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.

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

---

(51)[7] **B32B 27/40, H05H 1/24, 1/26, 1/32, 1/34, 1/38, 1/42, 1/44**

(11) **WO 00/71340** (13) A1

(21) PCT/US00/13915

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,288 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR COATING A FLOOR TILE
• PROCEDE ET APPAREIL DE REVETEMENT DE CARRELAGE

(71) **SPORT COURT, INC.** [US/US]; 939 South 700 West, Salt Lake City, UT 84103 (US).

(72) **CARLING, Jason**; 7544 South 2920 West, West Jordan, UT 84084 (US).

(74) **McKINNEY, David, R.** et al. / etc.; P.O. Box 1219, Sandy, UT 84091-1219 (US).

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

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

Published / Publiée : *(c)*

---

(51)[7] **B32B 31/00, 5/18, B60R 21/04, B44C 1/18**

(11) **WO 00/71341** (13) A2

(21) PCT/AT00/00143

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) A901/99 **20 May/mai 1999** AT **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPLICATION TECHNIQUE
• PROCEDE DE DOUBLAGE

(71) **MAGNA EYBL GES.M.B.H.** [AT/AT]; Götzendorfer Strasse 3-5, A-2435 Ebergassing (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALBERT, Laszlo** [AT/AT]; Leberweg 16/2/9, A-1110 Wien (AT). **STEINER, Karl** [AT/AT]; Dr. Adolf Schärf Strasse 4, A-2435 Ebergassing (AT).

(74) **KOVAC, Werner**; Magna Europa AG, 2. Haidequerstrasse 3, A-1111 Wien (AT).

(81) CA US.

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

---

(51)[7] **B32B 31/00, C30B 33/00, H01S 3/08**

(11) **WO 00/71342** (13) A1

(21) PCT/US00/14520

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,109 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTACTED CRYSTAL SURFACE PROTECTOR AND METHOD
• COUCHE DE PROTECTION DE LA SURFACE D'UN CRISTAL APPLIQUEE PAR CONTACT ET PROCEDE ASSOCIE

(71) **II-VI INCORPORATED** [US/US]; 375 Saxonburg Boulevard, Saxonburg, PA 16056 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIZELL, Gregory, J.** [US/US]; 521 Way Farer Drive, Tarpon Springs, FL 34681 (US).

(74) **LOGSDON, William, H.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

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

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

---

(51)[7] **B32B 31/12, C09J 5/04, B32B 27/00**

(11) **WO 00/71343** (13) A1

(21) PCT/US00/13492

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,034 **20 May/mai 1999** US **(20.05.1999)**

(30) Not furnished / non communiqué **12 May/mai 2000** US **(12.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF FORMING LAMINATES
• PROCEDE DE FORMATION DE STRATIFIES

(71) **REICHHOLD, INC.** [US/US]; 2400 Ellis Road, Durham, NC 27703 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ILKKA, John, Robert** [—/US]; 220 Baldwin Avenue, Royal Oak, MI 48067 (US). **YU, Haibin** [—/US]; 400 Park York Lane, Apex, NC 27502 (US).

(74) **SAJOVEC, F., Michael** et al. / etc.; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG 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) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

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

---

(51)[7] **B41F 13/12, B41N 1/16**

(11) **WO 00/71344** (13) A1

(21) PCT/FR00/01374

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06413 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPRESSION CYLINDER COMPRISING INDEXING MEANS FOR MOUNTING A PRINTING SLEEVE ON THE SUPPORT CYLINDER
• CYLINDRE D'IMPRESSION COMPRENANT DES MOYENS D'INDEXAGE POUR LE MONTAGE D'UN MANCHON D'IMPRESSION SUR LE CYLINDRE SUPPORT

(71) **POLYFIBRON TECHNOLOGIES S.A.** [FR/FR]; Rue de l'Industrie, F-68700 Cernay (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FRANCILLE, Jean** [FR/FR]; Jolysable, F-17800 Pons (FR).

(74) **BERGER, Helmut**; Cabinet Weinstein, 56 A, rue du Faubourg Saint Honoré, F-75008 Paris (FR).

(81) US.

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

Published / Publiée : *(c)*

---

(51)[7] **B41J 2/045, 2/055, 2/16**

(11) **WO 00/71345** (13) A1

(21) PCT/JP00/03341

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/142613 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INK JET HEAD AND METHOD OF MANUFACTURE THEREOF
• TETE A JET D'ENCRE ET SON PROCEDE DE PRODUCTION

(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) **WATANABE, Osamu** [JP/JP]; 22-4, Matsuki, Tamana-shi, Kumamoto 865-0052 (JP). **MATSUO, Koji** [JP/JP]; Kasugaryou 325, 1-138-2, Hiratadai, Kasuga-shi, Fukuoka 816-0812 (JP). **TOMITA, Kenji** [JP/JP]; 1617-5, Tsuiji, Tamana-shi, Kumamoto 865-0065 (JP). **KANNO, Isaku** [JP/JP]; 5-7-22, Tezukayama, Nara-shi, Nara 631-0062 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Building, 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN JP US.

---

(51)[7] **B41J 2/155, 3/36, 5/46, H04N 1/21**

(11) **WO 00/71346** (13) A1

(21) PCT/AU00/00501

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPACT COLOR PRINTER MODULE
• MODULE D'IMPRESSION COULEUR COMPACT

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

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

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

---

(51)[7] **B41J 2/165**

(11) **WO 00/71347** (13) A1

(21) PCT/AU00/00503

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOZZLE CAPPING MECHANISM
• SYSTEME DE RECOUVREMENT DE BUSE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 2/165, B42C 9/00, B65H 37/02**

(11) **WO 00/71348** (13) A1

(21) PCT/AU00/00557

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRINTER CONSUMABLE CARTRIDGE WITH AIR FILTER
• CARTOUCHE CONSOMMABLE D'IMPRIMANTE AVEC FILTRE A AIR

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, NSW 2090 (AU). **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 2/175, 3/36**

(11) **WO 00/71349** (13) A1

(21) PCT/AU00/00504

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INK CARTRIDGE FOR COMPACT PRINTER SYSTEM
• CARTOUCHE D'ENCRE DESTINEE A UN SYSTEME D'IMPRIMANTE COMPACTE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 2/175, G06K 19/08**

(11) **WO 00/71350** (13) A1

(21) PCT/AU00/00558

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRINTER CARTRIDGE INCLUDING MACHINE READABLE INK
• CARTOUCHE D'IMPRIMANTE CONTENANT DE L'ENCRE LISIBLE PAR MACHINE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, NSW 2090 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 2/21, G06F 3/12, G03B 19/02**

(11) **WO 00/71351** (13) A1

(21) PCT/AU00/00505

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTROLLER FOR A PRINTER MODULE
• CONTROLEUR POUR MODULE D'IMPRESSION

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, NSW 2121 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 2/21, G06F 3/12, G03B 19/02**

(11) **WO 00/71352** (13) A1

(21) PCT/AU00/00508

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MEMORY MODULE FOR COMPACT PRINTER SYSTEM
• MODULE MEMOIRE DESTINE A UN SYSTEME COMPACT D'IMPRIMANTE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 3/01, H04N 1/23, 5/225, G06K 1/20**

(11) **WO 00/71353** (13) A1

(21) PCT/AU00/00535

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR PRINTING A PHOTOGRAPH
• PROCEDE ET SYSTEME D'IMPRESSION D'UNE PHOTOGRAPHIE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 11/22, 29/00, B42C 9/00, 1/12, B65H 37/04, 29/34**

(11) **WO 00/71354** (13) A1

(21) PCT/AU00/00546

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ5829 **24 Feb/fév 2000 (24.02.2000)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DOCUMENT TRANSFER DEVICE
• DISPOSITIF DE TRANSFERT DE DOCUMENTS

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, NSW 2090 (AU). **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 29/00, B42C 9/00, 1/12, B65H 37/04**

(11) **WO 00/71355** (13) A1

(21) PCT/AU00/00544

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 5829 **24 Feb/fév 2000 (24.02.2000)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRINTED MEDIA PARALLEL BINDER
• RELIEUR PARALLELE POUR MEDIAS IMPRIMES

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, New South Wales 2090 (AU). **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 29/00, B42C 1/12, 9/00, B65H 37/04**

(11) **WO 00/71356** (13) A1

(21) PCT/AU00/00545

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 5829 **24 Feb/fév 2000 (24.02.2000)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRINTED MEDIA TRANSVERSE BINDER
• RELIEUSE TRANSVERSALE DE SUPPORTS IMPRIMES

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, New South Wales 2090 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41J 29/00, B42C 1/12, 9/00, B65H 37/04**

(11) **WO 00/71357** (13) A1

(21) PCT/AU00/00554

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 3632 **25 Oct/oct 1999 (25.10.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRINTED MEDIA PRODUCTION
• PRODUCTION DE SUPPORT IMPRIME

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, NSW 2090 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41M**

(11) **WO 00/71358** (13) A2

(21) PCT/AU00/00502

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999 (25.05.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MODULAR COMPACT PRINTER SYSTEM
• SYSTEME D'IMPRIMANTE COMPACTE MODULAIRE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research PTY LTD, 393 Darling Street, Balmain, New South Wales 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU). **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, New South Wales 2090 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL

IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41M 5/00, C09D 157/06**

(11) **WO 00/71359** (13) A1

(21) PCT/US00/11987

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 09/318,367 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INKJET PRINTING MEDIA CONTAINING SUBSTANTIALLY WATER-INSOLUBLE PLASTICIZER
• SUPPORT D'IMPRESSION PAR JETS D'ENCRE CONTENANT UN PLASTIFIANT SENSIBLEMENT INSOLUBLE DANS L'EAU

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, Mail Stop 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).

(72) **SWISHER, Robert, G.**; 204 Sunridge Road, Pittsburgh, PA 15238 (US). **LI, Huawen**; 213 Rose Court North, Delmont, PA 15626 (US).

(74) **STENSTROM, Denis, G.** et al. / etc.; Hewlett-Packard Company, Intellectual Property Administration, Mail Stop 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B41M 5/00**

(11) **WO 00/71360** (13) A1

(21) PCT/US00/12315

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/316,830 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MICROPOROUS INK-RECEPTIVE SHEET
• FEUILLE MICROPOREUSE RECEPTIVE A L'ENCRE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **PAFF, Armin, J.**; 6801 River Place Boulevard, Austin, TX 78726-9000 (US). **MILLER, Alan, G.**; 6801 River Place Boulevard, Austin, TX 78726-9000 (US).

(74) **FONSECA, Darla, P.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) CA JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B41M 7/00, 3/14, 3/12**

(11) **WO 00/71361** (13) A1

(21) PCT/FR00/01312

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06500 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND PRODUCT FOR PROTECTING AN OBJECT WITH A SOLUBLE BINDER SECURITY PRINT
• PROCEDE ET PRODUIT DE PROTECTION D'UN OBJET PAR UNE IMPRESSION DE SECURITE A LIANT SOLUBLE

(71, 72) **TRANTOUL, François** [FR/FR]; Mas Le Cantadou, 1312, chemin du Pont des Anes, F-34400 Lunel (FR).

(74) **CABINET BARRE LAFORGUE & ASSOCIES**; 95, Rue des Amidonniers, F-31000 Toulouse (FR).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B42C 19/02, 1/12, B65H 37/02, 37/04**

(11) **WO 00/71362** (13) A1

(21) PCT/AU00/00547

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 5829 **24 Feb/fév 2000** AU **(24.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRINTED MEDIA BINDER
• RELIEUSE DE SUPPORTS D'IMPRESSION

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, NSW 2090 (AU). **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B42D 15/00, C09D 11/00, D21H 21/48**

(11) **WO 00/71363** (13) A1

(21) PCT/EP00/04694

(22) **23 May/mai 2000 (23.05.2000)**

(25) de (26) de

(30) 199 23 959.2 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VALUABLE DOCUMENT
• DOCUMENT DE VALEUR

(71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, D-81677 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GIERING, Thomas** [DE/DE]; Xaver-Hamberger-Weg 19, D-85614 Kirchseeon (DE). **HOPPE, Rainer** [DE/DE]; Düsseldorfer Strasse 23, D-90425 Nürnberg (DE). **ATTENBERGER, Thomas** [DE/DE]; Goldnesselweg 25, D-85586 Poing (DE).

(74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, D-80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B42F 1/12**

(11) **WO 00/71364** (13) A1

(21) PCT/SE00/01004

(22) **19 May/mai 2000 (19.05.2000)**

(25) sv (26) en

(30) 9901824-4 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR HOLDING TOGETHER SHEETS OF PAPER
• DISPOSITIF PERMETTANT DE MAINTENIR ENSEMBLE DES FEUILLES DE PAPIER

(71, 72) **BURSTRÖM, Bertil, Ingvar** [SE/SE]; Boarp 1838, S-266 91 Munka-Ljungby (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP

KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60B 25/10, B60C 15/02, B60B 25/14**

(11) **WO 00/71365** (13) A1

(21) PCT/EP00/03827

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) fr (26) fr

(30) 99/06613 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • KIT FOR MOUNTING A WHEEL ON A HUB
• ENSEMBLE DE MONTAGE D'UN PNEUMATIQUE SUR UN MOYEU

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63040 Clermont-Ferrand (FR).
*(for all designated States except / pour tous les États désignés sauf CA US)*

(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Paccot (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DURIF, Pierre** [FR/FR]; 5, chemin de Pedoux, F-63530 Enval (FR).

(74) **DEVAUX, Edmond-Yves**; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

(81) BR CA CN JP RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60C 15/00, 15/06**

(11) **WO 00/71366** (13) A1

(21) PCT/EP00/04266

(22) **11 May/mai 2000 (11.05.2000)**

(25) fr (26) fr

(30) 99/06612 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CORELESS BEAD FOR TYRE
• BOURRELET SANS TRINGLE POUR PNEUMATIQUE

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR). **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Paccot (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DURIF, Pierre** [FR/FR]; 5, chemin de Pedoux, F-63530 Enval (FR).

(74) **DEVAUX, Edmond-Yves**; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

(81) AU BR CA CN IN JP MX RU TR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60C 23/00, 23/02**

(11) **WO 00/71367** (13) A1

(21) PCT/US00/14288

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/320,350 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TOWED VEHICLE MONITOR SYSTEM
• SYSTEME DE SURVEILLANCE DE VEHICULE REMORQUE

(71, 72) **BIGELOW, Floyd, E., Jr.** [US/US]; 18003 Spellbrook, Houston, TX 77084 (US).

(74) **MCCLUNG, Guy**; PMB 347, 16690 Champion Forest Drive, Spring, TX 77379-7023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60D 1/14**

(11) **WO 00/71368** (13) A1

(21) PCT/US00/14839

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,074 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/444,483 **19 Nov/nov 1999** US **(19.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DOUBLE-ACTING TRAILER HITCH
• DISPOSITIF D'ATTELAGE DE REMORQUE A DOUBLE ACTION

(71, 72) **SARGENT, Frank, T.** [US/US]; 5433 Brandy Circle, Fort Myers, FL 33919 (US).

(74) **NOONAN, William, E.**; P.O. Box 07338, Fort Myers, FL 33919 (US).

(81) AU CA MX NZ ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60G 3/26**

(11) **WO 00/71369** (13) A1

(21) PCT/GB00/01882

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 9911633.7 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VEHICLE SUSPENSION
• SUSPENSION POUR VEHICULE

(71) **RANDLE ENGINEERING SOLUTIONS LIMITED** [GB/GB]; The Innovation Centre, Warwick Technology Park, Warwick CV34 6UW (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GERRARD, Miles, Barnaby** [GB/GB]; 34 Rigby Lane, Bradshaw, Bolton BL2 3EQ (GB).

(74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60G 17/015, B60K 5/00**

(11) **WO 00/71370** (13) A1

(21) PCT/EP00/03458

(22) **17 Apr/avr 2000 (17.04.2000)**

(25) de (26) de

(30) 199 23 708.5 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOTOR VEHICLE COMPRISING A SUSPENSION AND SHOCK-ABSORBING DEVICE AND A COMBINED SAFETY DEVICE
• VEHICULE AUTOMOBILE POURVU D'UN DISPOSITIF DE SUSPENSION ET D'AMORTISSEMENT, ET D'UN DISPOSITIF DE SECURITE COMBINE

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SPICHALSKY, Carsten** [DE/DE]; Im Schuntertal 13, D-38165 Lehre (DE). **RUCHATZ, Thomas** [DE/DE]; Am Löbner 93, D-38165 Lehre (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

(81) CN IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60G 21/055**

(11) **WO 00/71371** (13) A1

(21) PCT/DE00/01558

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 100.1 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STABILIZER FOR A MOTOR VEHICLE

• STABILISATEUR POUR VEHICULE AUTOMOBILE

(71) **PNP LUFTFEDERSYSTEME GMBH** [DE/DE]; Goldberger Strasse 47, D-19089 Crivitz (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEETZ, Stefan** [DE/DE]; Göttschieder Strasse 7, D-55743 Idar-Oberstein (DE). **REICHEL, Klaus** [DE/DE]; Boraustrasse 3, D-19374 Domsühl (DE).

(74) **JAAP, Reinhard**; Buchholzallee 32, D-19370 Parchim (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B60J 3/02**

(11) **WO 00/71372** (13) A1

(21) PCT/BR00/00051

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) MU 79 986-7 **19 May/mai 1999** BR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DISPOSITION APPLIED IN PROTECTING FILM OF ILLUMINATION
• AGENCEMENT D'UN FILM PROTEGEANT DE LA LUMIERE

(71, 72) **HIROSE, Celso, Miki** [BR/BR]; Rua Dr. Homem de Melo, 1109, CEP-05007-002 Sao Paulo, SP (BR).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B60J 3/02**

(11) **WO 00/71373** (13) A1

(21) PCT/ES00/00010

(22) **14 Jan/jan 2000 (14.01.2000)**

(25) es (26) es

(30) U 9901299 **21 May/mai 1999** ES **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTIGLARE OPTICAL DISPLAY SCREEN
• ECRAN DE VISION OPTIQUE ANTI-EBLOUISSEMENT

(71, 72) **DOMINGUEZ DIAZ, José Carlos** [ES/ES]; José de Andrés, 7 -3º A, El Escorial, E-28280 Madrid (ES).

(74) **DE ELZABURU, Alberto**; Miguel Angel, 21, E-28010 Madrid (ES).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60J 7/22**

(11) **WO 00/71374** (13) A1

(21) PCT/EP00/04446

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 306.3 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WIND STOP
• PARE-VENT

(71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, D-80809 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SPOECKNER, Ludwig** [DE/DE]; Ratzenhofenerstrasse 11, D-84094 Elsendorf (DE).

(74) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT**; Patentabteilung AJ-3, D-80788 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60K 6/00, 16/00, 3/00**

(11) **WO 00/71375** (13) A1

(21) PCT/DE00/01613

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 451.5 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYBRID ENGINE
• MOTEUR HYBRIDE

(71) **iQ BATTERY RESEARCH & DEVELOPMENT GMBH** [DE/DE]; Niederwaldstrasse 3, D-09123 Chemnitz (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUER, Günther** [DE/DE]; Oderweg 7, D-85521 Ottobrunn (DE). **BRAUN, Peter** [DE/DE]; Reinekestrasse 56, D-81545 München (DE). **FRENCH, Russel** [CA/CA]; 3677 Regent Avenue, North Vancouver, British Columbia V7N 2C3 (CA).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60K 11/04**

(11) **WO 00/71376** (13) A1

(21) PCT/FR00/01314

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06405 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR MOUNTING A RADIATOR ON A VEHICLE SUPPORT
• DISPOSITIF DE FIXATION D'UN RADIATEUR SUR UN SUPPORT D'UN VEHICULE

(71) **PEGUFORM FRANCE** [FR/FR]; ZI Vernon St. Marcel, F-27950 Saint-Marcel (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PELAGE, Lucien** [FR/FR]; Résidence les Cordeliers, 1, Avenue Victor Hugo, F-27200 Vernon (FR). **BROGLY, Sébastien** [FR/FR]; 3 Bis, Rue de la Harelle, F-27950 St Just (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60K 17/10, F16H 47/04**

(11) **WO 00/71377** (13) A1

(21) PCT/EP00/04538

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 974.6 **25 May/mai 1999** DE **(25.05.1999)**

(30) 199 54 894.3 **15 Nov/nov 1999** DE **(15.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POWER BRANCHING TRANSMISSION
• TRANSMISSION A BRANCHEMENT DE PUISSANCE

(71, 72) **LIEBHERR, Markus** [DE/DE]; Heinrichsburg 1, D-88436 Eberhardzell (DE).

(72, 75) **HÄGLSPERGER, Josef** [DE/DE]; Siebengadern 4, D-84140 Gangkofen (DE).

(74) **GOSSEL, Hans, Karl** et al. / etc.; Widenmayerstrasse 23, D-80538 München (DE).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B60K 17/342, B62D 51/04, 11/08**

(11) **WO 00/71378** (13) A1

(21) PCT/US00/13832

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,544 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/573,598 **18 May/mai 2000** US **(18.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FOUR WHEEL DRIVE SNOW BLOWER
• CHASSE-NEIGE A QUATRE ROUES MOTRICES

(71) **MTD PRODUCTS INC** [US/US]; P.O. Box 368022, Cleveland, OH 44136-9722 (US).

(72) **ZIEGLER, Craig**; 59 Avondale Ave., South, Waterloo, Ontario N2L 2B7 (CA).

(74) **EMERSON, Roger, D.**; 4221 Ranchwood Spur, Akron, OH 44333-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60K 17/356, F16H 39/02**

(11) **WO 00/71379** (13) A1

(21) PCT/EP00/04263

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 23 516.3 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDROSTATIC TRAVELLING MECHANISM
• SYSTEME D'ENTRAINEMENT HYDROSTATIQUE

(71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3-5, D-97816 Lohr am Main (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PEKKANEN, Jukka** [FI/FI]; Tarjanteenkatu 13C63, FIN-33720 Tampere (FI). **RINCK, Stefan** [DE/DE]; Querstrasse 27, D-89264 Weissenhorn (DE). **BRAND, Michael** [DE/DE]; Buchenlandweg, D-89075 Ulm (DE).

(74) **KÖRFER, Thomas**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (DE).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60K 41/08**

(11) **WO 00/71380** (13) A1

(21) PCT/FR00/01366

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06492 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR CONTROLLING A ROBOTISED MANUAL GEARBOX CLUTCH
• PROCEDE ET DISPOSITIF DE PILOTAGE D'UN EMBRAYAGE DE BOÎTE DE VITESSES MANUELLE ROBOTISEE

(71) **RENAULT** [FR/FR]; 13/15, quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEORAT, François** [FR/FR]; 98, boulevard de la Reine, F-78000 Versailles (FR).

(74) **HILLION, Didier**; Renault Technocentre, S. 0267 - TCR AVA 056, 1, avenue du Golf, F-78288 Guyancourt (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60L 13/06, 13/08**

(11) **WO 00/71381** (13) A1

(21) PCT/US00/14011

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,242 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYBRID MAGNETICALLY SUPPORTED CARRIAGE TRANSPORTER
• TRANSPORTEUR DE CHARIOTS HYBRIDE A SUSPENSION MAGNETIQUE

(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) **BINDLOSS, William, Jr.** [US/US]; 1600 Sunset Lane, Wilmington, DE 19810 (US). **SUNA, Andris** [US/US]; 101 Washington Avenue, Wilmington, DE 19808 (US). **FORREST, Albert, White, Jr.** [US/US]; 20 Shawnee Drive, Chillicothe, OH 45610 (US).

(74) **MAGEE, Thomas, H.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CU JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B60N 2/58**

(11) **WO 00/71382** (13) A1

(21) PCT/CA00/00588

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,850 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRIM COVER ATTACHMENT SYSTEM
• SYSTEME DE FIXATION DE GARNITURE DE SIEGE

(71) **WOODBRIDGE FOAM CORPORATION** [CA/CA]; Suite 300, 4240 Sherwoodtowne Boulevard, Mississauga, Ontario L4Z 2G6 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUGHES, Ian, L.** [CA/CA]; 2683 Jamacia Crescent, Windsor, Ontario N6E 2Z1 (CA).

(74) **NASSIF, Omar, A.** et al. / etc.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60N 3/10**

(11) **WO 00/71383** (13) A1

(21) PCT/GB00/01939

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911718.6 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9919756.8 **23 Aug/août 1999** GB **(23.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ARTICLE HOLDER
• SUPPORT D'ARTICLE

(71) **BUWUTOT LIMITED** [GB/GB]; 5 Carlton Drive, Leigh on Sea, Essex SS9 1DE (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KARSLAKE, Paul, Howard** [GB/GB]; 75 Marguerite Drive, Leigh on Sea, Essex SS9 1NN (GB). **JOSCELYN, Alan** [GB/GB]; 284 Southbourne Grove, Westcliff on Sea, Essex SS0 0AF (GB).

(74) **MESSULAM, Alec, Moses**; A. Messulam & Co. Ltd., 43-35 High Road, Bushey Heath, Herts WC23 1EE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60N 3/10, 3/00, B64D 11/00**

(11) **WO 00/71384** (13) A1

(21) PCT/GB00/01941

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911718.6 **21 May/mai 1999 (21.05.1999)** GB

(30) 9928645.2 **4 Dec/déc 1999 (04.12.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CUP HOLDER
• SUPPORT A GOBELET

(71) **BUWUTOT LIMITED** [GB/GB]; 5 Carlton Drive, Leigh On Sea, Essex SS9 1DE (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KARSLAKE, Paul, Howard** [GB/GB]; 75 Marguerite Drive, Leigh on Sea, Essex SS9 1NN (GB). **JOSCELYN, Alan** [GB/GB]; 284 Southbourne Grove, Westcliff on Sea, Essex SS0 0AF (GB).

(74) **MESSULAM, Alec, Moses**; A. Messulam & Co. Ltd., 43-45 High Road, Bushey Heath, Herts WD23 1EE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60P 1/28**

(11) **WO 00/71385** (13) A1

(21) PCT/AU00/00495

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0567 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 3790 **1 Nov/nov 1999 (01.11.1999)** AU

(30) PQ 6819 **10 Apr/avr 2000 (10.04.2000)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VEHICLE SIDE TIPPER SYSTEM
• SYSTEME A BASCULE LATERAL DE VEHICULE

(71, 72) **OSTERMEYER, Bernd** [AU/AU]; Lot 1802 Hardy Road, Berrimah, Darwin, N.T. 0828 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; 4th floor, "Durack Centre", 263 Adelaide Terrace, Perth, W.A. 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60Q 3/06**

(11) **WO 00/71386** (13) A1

(21) PCT/GB00/01689

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 9910265.9 **4 May/mai 1999 (04.05.1999)** GB

(30) 9916801.5 **16 Jul/juil 1999 (16.07.1999)** GB

(30) 9917857.6 **29 Jul/juil 1999 (29.07.1999)** GB

(30) 0002085.9 **28 Jan/jan 2000 (28.01.2000)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A LORRY HAVING A BODY FOR RECEIVING GOODS
• CAMION COMPRENANT UN CORPS DESTINE A RECEVOIR DES MARCHANDISES

(71) **ELECTROLUMINESCENT SOLUTIONS LIMITED** [GB/GB]; Selectron House, Unit A, Jenkins Dale Industrial Estate, Chatham, Kent ME4 5RD (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WATSON, Peter, Matthew** [GB/GB]; Reynolds Farm, Luddesdown, Gravesend, Kent DA13 0XB (GB).

(74) **JONES, Graham, Henry**; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60R 1/06**

(11) **WO 00/71387** (13) A1

(21) PCT/NL00/00327

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 1012120 **21 May/mai 1999 (21.05.1999)** NL

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLEXIBLE PLASTIC SEALING
• JOINT EN PLASTIQUE FLEXIBLE

(71) **IKU HOLDING MONTFOORT B.V.** [NL/NL]; Waardsedijk Oost 9, NL-3417 XJ Montfoort (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BROUWER, Stefan, Frits** [NL/NL]; Hollanderstraat 22, NL-2517 HK The Hague (NL). **BLOM, Adrianus, Johannes, Maria** [NL/NL]; Ruygenhoekse Polder 32, NL-3453 NG De Meern (NL). **VAN STIPHOUT, Paulus, Gerardus, Maria** [NL/NL]; Frans Kafkaweg 25, NL-3446 ZK Woerden (NL).

(74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60R 16/02, F02D 41/00**

(11) **WO 00/71388** (13) A1

(21) PCT/EP00/04788

(22) **25 May/mai 2000 (25.05.2000)**

(25) de (26) de

(30) 199 23 893.6 **25 May/mai 1999 (25.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRICAL WIRING SYSTEM FOR THE DRIVE UNIT IN VEHICLES
• SYSTEME DE CABLAGE ELECTRIQUE POUR L'UNITE D'ENTRAINEMENT DANS DES VEHICULES

(71) **LISA DRÄXLMAIER GMBH** [DE/DE]; Brückenstrasse 16, D-84137 Vilsbiburg (DE). **BAYERISCHE MOTOREN WERKE AG** [DE/DE]; D-80788 München (DE). **HENTSCHEL, Gabriele** (heiress of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Pröllerweg 5, D-84137 Vilsbiburg (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72) **HENTSCHEL, Andreas** (deceased / décédé).

(72, 75) **KASPRZOK, Manfred** [DE/DE]; Altenkirchen 17, D-84160 Frontenhausen (DE). **GRÖBMAIR, Max** [DE/DE]; Linden Nr. 1, D-83623 Dietramszell (DE). **ECKSTEIN, Fred** [DE/DE]; Haslangstrasse 48, D-80689 München (DE).

(74) **FÜCHSLE, Klaus** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B60R 21/01, 21/20, 21/24, 21/26**

(11) **WO 00/71389** (13) A1

(21) PCT/EP00/04484

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 482.5 **21 May/mai 1999** DE **(21.05.1999)**

(30) 199 52 231.6 **29 Oct/oct 1999** DE **(29.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AIRBAG DEVICE FOR A MOTOR VEHICLE
• SYSTEME D'AIRBAG POUR UN VEHICULE AUTOMOBILE

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WOHLLEBE, Thomas** [DE/DE]; Dammwiese 12, D-38110 Braunschweig (DE). **SINNHUBER, Ruprecht** [DE/DE]; Berliner Ring 25, D-38518 Gifhorn (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

(81) CN IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B60R 21/16**

(11) **WO 00/71390** (13) A1

(21) PCT/EP00/04483

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 483.3 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AIRBAG FOR A MOTOR VEHICLE
• AIRBAG POUR VEHICULE A MOTEUR

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WOHLLEBE, Thomas** [DE/DE]; Dammwiese 12, D-38110 Braunschweig (DE). **SINNHUBER, Ruprecht** [DE/DE]; Berliner Ring 25, D-38518 Gifhorn (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

(81) CN IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60R 21/26**

(11) **WO 00/71391** (13) A1

(21) PCT/DE00/01641

(22) **24 May/mai 2000 (24.05.2000)**

(25) de (26) de

(30) 299 08 946.0 **24 May/mai 1999** DE **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AIRBAG DEVICE AND RELEASE METHOD THEREOF
• DISPOSITIF A AIRBAG ET SON PROCEDE DE DECLENCHEMENT

(71) **INOVA GMBH** [DE/DE]; Techniche Entwicklungen, Wiesenstrasse 62, D-65428 Rüsselsheim (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÜLLER, Olaf** [DE/DE]; Wiesenstrasse 62, D-65428 Rüsselsheim (DE).

(74) **LINDNER, Manfred**; Gottfried-Böhm-Ring 25, D-81369 München (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B60R 21/26**

(11) **WO 00/71392** (13) A1

(21) PCT/DE00/01642

(22) **24 May/mai 2000 (24.05.2000)**

(25) de (26) de

(30) 299 08 946.0 **24 May/mai 1999** DE **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AIRBAG DEVICE WITH DEACTIVATION DEVICES AND OPERATING METHOD THEREOF
• DISPOSITIF A AIRBAG AVEC DISPOSITIFS DE DESACTIVATION ET SON PROCEDE DE FONCTIONNEMENT

(71) **INOVA GMBH** [DE/DE]; Techniche Entwicklungen, Wiesenstrasse 62, D-65428 Rüsselsheim (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÜLLER, Olaf** [DE/DE]; Wiesenstrasse 62, D-65428 Rüsselsheim (DE).

(74) **LINDNER, Manfred**; Gottfried-Böhm-Ring 25, D-81369 München (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B60R 21/32**

(11) **WO 00/71393** (13) A1

(21) PCT/EP00/02963

(22) **3 Apr/avr 2000 (03.04.2000)**

(25) de (26) de

(30) 99110004.1 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTROL DEVICE FOR AN ACCIDENT PROTECTION DEVICE IN A VEHICLE
• DISPOSITIF DE COMMANDE D'UN EQUIPEMENT D'AUTOMOBILE DESTINE A LA PROTECTION CONTRE LES ACCIDENTS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HERMANN, Stefan** [DE/DE]; Parkstrasse 12, D-93096 Köfering (DE). **GROSSHAUSER, Frank** [DE/DE]; Riederhüttenweg 18, D-86529 Schrobenhausen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60R 22/34, 22/28, 22/44, 22/46**

(11) **WO 00/71394** (13) A1

(21) PCT/US99/11140

(22) **20 May/mai 1999 (20.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEATBELT RETRACTOR
• DISPOSITIF DE RAPPEL DE CEINTURE DE SÉCURITÉ

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SPECHT, Martin** [DE/DE]; Im Harl 4, D-82340 Feldafing (DE).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technology, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US) et al. / etc.

(81) AU BR CA CZ DE ES GB JP KR MX PL SE US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60R 25/04, F02N 11/08**

(11) **WO 00/71395** (13) A1

(21) PCT/US00/13845

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/317,685 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IN-SOLENOID CHIP FOR UNDERTAKING PLURAL FUNCTIONS
• PUCE INTEGREE AU SOLENOIDE POUR LA MISE EN OEUVRE DE PLUSIEURS FONCTIONS

(71) **LABKEN, INC.** [US/US]; Suite 250, 570 Rancheros Drive, San Marcos, CA 92069 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LABELLE, James, L.** [US/US]; 39672 Corte Santa Barbara, Murrieta, CA 92563 (US).

(74) **ROGITZ, John, L.**; Rogitz & Associates, Suite 3120, 750 B Street, San Diego, CA 92101 (US).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B60S 1/08**

(11) **WO 00/71396** (13) A1

(21) PCT/US00/12775

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 09/318,456 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOISTURE SENSOR WITH PRE-DEMODULATION GAIN AND HIGH-ORDER FILTERING
• CAPTEUR D'HUMIDITE A GAIN DE PRE-MODULATION ET FILTRAGE D'ORDRE ELEVE

(71) **LIBBEY-OWENS-FORD CO.** [US/US]; 811 Madison Avenue, Toledo, OH 43697 (US).

(72) **TEDER, Rein, S.**; 9401 Xylon Avenue South, Bloomington, MN 55438 (US).

(74) **SCHURR, Donald, A.**; Marshall & Melhorn, Four SeaGate - 8th Floor, Toledo, OH 43604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60S 1/44**

(11) **WO 00/71397** (13) A1

(21) PCT/JP00/03354

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/145474 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR WIPING
• PROCEDE ET DISPOSITIF D'ESSUYAGE

(71, 72) **MURAKAMI, Toshio** [JP/JP]; 5-4-6, Minamikokubunjidai, Ichihara-shi, Chiba 290-0075 (JP).

(72, 75) **MURAKAMI, Takashi** [JP/JP]; 5-4-6, Minamikokubunjidai, Ichihara-shi, Chiba 290-0075 (JP). **MURAKAMI, Kazuhiro** [JP/JP]; 5-4-6, Minamikokubunjidai, Ichihara-shi, Chiba 290-0075 (JP).

(74) **HORI, Shiroyuki**; 35F, Kasumigaseki Bldg., 3-2-5, Kasumigaseki, Chiyoda-ku, Tokyo 100-6035 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **B60S 3/04**

(11) **WO 00/71398** (13) A1

(21) PCT/EP00/03129

(22) **7 Apr/avr 2000 (07.04.2000)**

(25) de (26) de

(30) 299 08 866.9 **21 May/mai 1999** DE **(21.05.1999)**

(30) PCT/EP00/01459 **23 Feb/fév 2000** EP **(23.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VEHICLE TREATMENT SYSTEM AND METHOD FOR OPERATING THE SAME
• INSTALLATION DE MANUTENTION DE VEHICULE ET SON PROCEDE DE FONCTIONNEMENT

(71) **CALIFORNIA KLEINDIENST HOLDING GMBH** [DE/DE]; Argonstrasse 7, D-86153 Augsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DIETSCH, Wolfgang** [DE/DE]; Matternstrasse 16, D-60435 Frankfurt (DE). **KLOS, Walter** [DE/DE]; Am Eichholz 12, D-58511 Lüdenscheid (DE).

(74) **ERNICKE, Hans-Dieter** et al. / etc.; Schwibbogenplatz 2b, D-86153 Augsburg (DE).

(81) AU CA CN JP KR PL RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B60T 8/00, B61C 15/10**

(11) **WO 00/71399** (13) A1

(21) PCT/GB00/01747

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 9911658.4 **19 May/mai 1999** GB **(19.05.1999)**

(30) 0005055.9 **3 Mar/mar 2000** GB **(03.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WHEEL/RAIL ADHESION ENHANCEMENT
• RENFORCEMENT DE L'ADHERENCE DE LA ROUE SUR LE RAIL

(71) **AEA TECHNOLOGY PLC** [GB/GB]; 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TUNLEY, John, David** [GB/GB]; 5 Derwent Close, Allestree, Derby, Derbyshire DE22 2UY (GB). **CURTIS, Graham, Edward** [GB/GB]; 18 Almshouses Lane, Morley, Ilkeston, Derbyshire DE7 6DL (GB).

(74) **MANSFIELD, Peter, Turquand** et al. / etc.; AEA Technology plc, Patents Dept., 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60T 8/32, 13/68**

(11) **WO 00/71400** (13) A1

(21) PCT/EP00/04555

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 458.2 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRONICALLY REGULATED BRAKE SYSTEM
• SYSTEME DE FREINAGE A REGULATION ELECTRONIQUE

(71) **KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH** [DE/DE]; Moosacher Str. 80, D-80809 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STUMPE, Werner** [DE/DE]; Ferdinand-Hanauer-Str. 62, D-70374 Stuttgart (DE). **SCHRAMM, Herbert** [DE/DE]; Tilgshausenstr. 47/1, D-71229 Leonhard (DE). **BEYER, Claus** [DE/DE]; Ernest-Kaufmann-Str. 61, D-71640 Ludwigsburg (DE). **WREDE, Jürgen** [DE/DE]; Edmund-Mansbart-Str. 7, D-74321 Bietigheim-Bissingen (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B60T 17/22, G01M 17/007**

(11) **WO 00/71401** (13) A1

(21) PCT/SE00/00971

(22) **17 May/mai 2000 (17.05.2000)**

(25) sv (26) en

(30) 9901843-4 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VEHICLE WHEELS SYSTEMS SIMULATOR
• SIMULATEUR DE SYSTEMES AGISSANT SUR LES ROUES D'UN VEHICULE

(71, 72) **NORBERG, Bengt** [SE/SE]; Fallet 10, S-780 54 Äppelbo (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B61L 23/34, 25/02, 29/24**

(11) **WO 00/71402** (13) A1

(21) PCT/AT00/00144

(22) **24 May/mai 2000 (24.05.2000)**

(25) de (26) de

(30) A 929/99 **25 May/mai 1999** AT **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR AUTOMATICALLY DETECTING OR MONITORING THE POSITION OF AT LEAST ONE GUIDED VEHICLE
• PROCEDE ET SYSTEME POUR DETECTER ET SURVEILLER DE MANIERE AUTOMATIQUE LA POSITION D'AU MOINS UN VEHICULE GUIDE

(71, 72) **DOUET, Bernard** [AT/AT]; Brückengasse 9/8, A-1060 Wien (AT).

(74) **MIKSOVSKY, Alexander**; Miksovsky & Pollhammer OEG, Währinger Straße 3, A-1096 Wien (AT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B62B 3/18**

(11) **WO 00/71403** (13) A1

(21) PCT/GB00/01886

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911520.6 **19 May/mai 1999** GB **(19.05.1999)**

(30) 9913905.7 **16 Jun/juin 1999** GB **(16.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUPPORT DEVICE
• DISPOSITIF DE SUPPORT

(71, 72) **BOLAND, Nicola** [GB/GB]; 13 Sarazen Green, Deerpark, Livingston, West Lothian EH54 8SZ (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B62D 6/04, B60K 28/16, B62D 5/04**

(11) **WO 00/71404** (13) A1

(21) PCT/EP00/04345

(22) **15 May/mai 2000 (15.05.2000)**

(25) de (26) de

(30) 199 23 012.9 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STEERING SYSTEM AND STEERING METHOD
• MECANISME ET PROCEDE DE DIRECTION

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D-88038 Friedrichshafen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PAUL, Andreas** [DE/DE]; Reiherweg 7, D-88045 Friedrichshafen (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D-88038 Friedrichshafen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B62D 13/06**

(11) **WO 00/71405** (13) A1

(21) PCT/JP00/03176

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/144334 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF STEERING TRAILER, STEERING DEVICE, AND VEHICLE SUCH AS TRAILER USING THE STEERING METHOD OR STEERING DEVICE
• PROCEDE DE MANOEUVRE D'UNE REMORQUE, DISPOSITIF DE MANOEUVRE ET VEHICULE DE TYPE REMORQUE UTILISANT CE PROCEDE OU CE DISPOSITIF

(71) **KABUSHIKI KAISHA SOHSHIN** [JP/JP]; 1115-1 Teratake, Iruma-shi, Saitama 358-0045 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AKASHIO, Yasunobu** [JP/JP]; 4-12-37 Midorigaoka, Hamura-shi, Tokyo 205-0003 (JP).

(74) **KIKUCHI, Taketsugu** et al. / etc.; Awaji-cho Hirose Bldg. 2-21, Kanda Awaji-cho, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) AU CA KR US.

(84) EP (CH DE FR GB SE).

---

(51)[7] **B62D 21/11, 65/04**

(11) **WO 00/71406** (13) A1

(21) PCT/EP00/04059

(22) **5 May/mai 2000 (05.05.2000)**

(25) de (26) de

(30) 199 23 693.3 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FULL AUXILIARY CHASSIS
• FAUX-CHASSIS PLEIN

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUER, Andreas** [DE/DE]; Tangermünder Strasse 6, D-38442 Wolfsburg (DE). **LANGE, Wolfgang** [DE/DE]; Oschersleber Strasse 8, D-38448 Wolfsburg (DE). **BOCK, Michael** [DE/DE]; Halberstadtstrasse 92, D-38124 Braunschweig (DE). **SCHLAF, Dag-Arnulf** [DE/DE]; Käthe-Kollwitz-Ring 32, D-38518 Gifhorn (DE). **DAU, Wolfram** [DE/DE]; Eisenacher Strasse 8, D-38444 Wolfsburg (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

(81) CN IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B62D 33/06, 25/14, 65/00**

(11) **WO 00/71407** (13) A1

(21) PCT/US00/14686

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/135,961 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYMMETRICAL DASH REINFORCEMENT

- RENFORCEMENT SYMETRIQUE DE TABLIER

(71) **INTERNATIONAL TRUCK AND ENGINE CORPORATION** [US/US]; Suite 1300, 455 North Cityfront Plaza Drive, Chicago, IL 60611 (US).

(72) **NIEMINSKI, Brant, R.**; 1516 Fieldstone Drive, Fort Wayne, IN 46815 (US). **MONTEITH, Gary, E.**; 3333 Doe Run Trail, Fort Wayne, IN 46845 (US). **KIPFER, Charles, W.**; 6191 S.R. 500, Payne, OH 45880 (US). **GIBBS, Brian, P.**; 3112 Cedar Ridge Run, Fort Wayne, IN 46808 (US). **ROMIE, Norbert, E.**; 3430 Maxim Drive, Fort Wayne, IN 46815 (US). **THOMAS, David, H.**; 9305 Mettert Road, Woodburn, IN 46797 (US). **WOLVERTON, Gordon, J.**; 747 Roxbury Court, Lake Orion, MI 48539 (US).

(74) **SULLIVAN, Dennis, Kelly** et al. / etc.; Suite 1300, 455 North Cityfront Plaza Drive, Chicago, IL 60611 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B62D 63/02, B60K 17/28, B62D 7/14**

(11) **WO 00/71408** (13) A1

(21) PCT/RU99/00170

(22) **24 May/mai 1999 (24.05.1999)**

(25) ru (26) ru

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HAULING VEHICLE AND VARIANTS
• VEHICULE DE TRANSPORT DE CHARGES ET VARIANTES

(71, 72) **PISAREVSKY, Viktor Mikhailovich** [RU/RU]; Balaklavsky prospekt, 12-3-167, Moscow, 113639 (RU).

(72, 75) **BRAGAR, Vasily Vitalievich** [RU/RU]; ul. Eliseeva, 15-A-55, Volgograd, 400003 (RU). **KOTIEV, Georgy Olegovich** [RU/RU]; ul. Sovetskaya, 28-42, Zheleznodorozny, Moscovskaya obl., 143980 (RU). **SMIRNOV, Alexandr Anatolievich** [RU/RU]; ul. Muranovskaya, 7B-202, obschezhitie 11, Moscow, 127349 (RU). **SACHIVETS, Vasily Vasilievich** [RU/RU]; Nalesny per., 9/11-1, Moscow, 107082 (RU). **SHIGAEV, Alexandr Dmitrievich** [RU/RU]; Mikroraion, 13-18, pos. Staraya Kupavna, Noginsky r-n, Moscovskaya obl., 142450 (RU).

(81) BR CA CN JP KR RU US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B62H 1/12**

(11) **WO 00/71409** (13) A1

(21) PCT/DK00/00276

(22) **23 May/mai 2000 (23.05.2000)**

(25) da (26) en

(30) PA 1999 00725 **25 May/mai 1999** DK **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TWO-WHEELED CYCLE WITH SUPPORT WHEELS
• BICYCLETTE AVEC ROUES DE SOUTIEN

(71, 72) **DRACHMANN, Florian, Michael** [DK/NO]; Ryfylkegate 8B, N-4014 Stavanger (NO).

(74) **HOLME PATENT A/S**; Vesterbrogade 20, DK-1620 Copenhagen V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **B62H 5/00, 5/14, 5/20, E05B 71/00**

(11) **WO 00/71410** (13) A1

(21) PCT/KR99/00253

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REMOTE LOCKING RELEASE DEVICE AND METHOD
• DISPOSITIF DE DEVERROUILLAGE A DISTANCE ET PROCEDE AFFERENT

(71, 72) **WOO, Leeki** [KR/KR]; Hansin Bilra., 5-202, Choeub-dong, Pusanjin-ku, Pusan 614-080 (KR).

(74) **LEE, Joongseop**; 1Ga-4, Bumin-dong, Seo-ku, Pusan 602-071 (KR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HR 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 ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B62K 23/04**

(11) **WO 00/71411** (13) A1

(21) PCT/US00/13734

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,172 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELONGATED ROTATABLE HANDGRIP
• POIGNEE ROTATIVE ALLONGEE

(71) **SRAM CORPORATION** [US/US]; 361 West Chestnut Street, Chicago, IL 60610 (US).

(72) **CALILUNG, Ryan**; 1223 W. Greenleaf #304, Chicago, IL 60626 (US). **CARON, Andrew**; 3330 Arden, Brookfield, IL 60513 (US).

(74) **PERKINS, Jefferson**; Foley & Lardner, 330 N. Wabash Ave., Chicago, IL 60611-3608 (US).

(81) CN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **B62M 1/14, B62H 5/00**

(11) **WO 00/71412** (13) A1

(21) PCT/US00/14276

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,424 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FIXED AND ADJUSTABLE ERGONOMICALLY EFFICIENT HANDLES ESPECIALLY FOR WHEELCHAIRS
• POIGNEES ERGONOMIQUEMENT EFFICACES FIXES ET REGLABLES DESTINEES SPECIALEMENT A DES CHAISES ROULANTES

(71, 72) **BRADY, William, J.** [US/US]; 7708 Ora Court, Greenbelt, MD 20770 (US).

(74) **EVENSON, Donald, D.**; Evenson, McKeown, Edwards & Lenahan, P.L.L.C., 1200 G Street, N.W., Suite 700, Washington, DC 20005 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B62M 3/04**

(11) **WO 00/71413** (13) A1

(21) PCT/IT00/00207

(22) **22 May/mai 2000 (22.05.2000)**

(25) it (26) en

(30) BO99A000282 **24 May/mai 1999** IT **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A CRANK HAVING A VARIABLE LEVER ARM
• MANIVELLE AVEC BRAS DE LEVIER VARIABLE

(71) **TECNOLOGIA S.A.S DI VALENTINO BRAZZALE & C.** [IT/IT]; Via Trenti, 37, I-36010 Cogollo del Cengio (IT).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **APOLLONI, Giambattista** [IT/IT]; Via Trenti, 35, I-36010 Cogollo del Cengio (IT). **BRUN, Giancarlo** [IT/IT]; Via Nazario Sauro, 19, I-36010 Thiene (IT).

(74) **PROVVISIONATO, Paolo**; Provvisionato & Co S.r.l., Piazza di Porta Mascarella, 7, I-40126 Bologna (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B63B 21/00**

(11) **WO 00/71414** (13) A1

(21) PCT/US00/14630

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,860 **25 May/mai 1999 (25.05.1999)** US

(30) 60/174,688 **6 Jan/jan 2000 (06.01.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TORSION SPRING TORQUE ARM YOKE MOORING SYSTEM
• SYSTEME D'AMARRAGE A FOURCHE, A BRAS AMORTISSEURS ET A RESSORTS DE TORSION

(71) **FMC CORPORATION** [US/US]; 200 East Randolph Street, Chicago, IL 60601 (US).

(72) **PEDERSEN, Kristen, I.**; 22 Mountain Spring Drive, Hendersonville, NC 28739 (US).

(74) **BUSH, Gary, L.**; Mayor, Day, Caldwell & Keeton, L.L.P., Suite 1900, 700 Louisiana, Houston, TX 77002-2778 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B63G 8/00, 8/08 // B63H 21/17**

(11) **WO 00/71415** (13) A1

(21) PCT/IB00/00669

(22) **18 May/mai 2000 (18.05.2000)**

(25) it (26) en

(30) TV99A000060 **19 May/mai 1999 (19.05.1999)** IT

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DOCKING DEVICE FOR SELF-PROPELLED AUTONOMOUS UNDERWATER VEHICLES
• DISPOSITIF D'AMARRAGE POUR VEHICULES SOUS-MARINS AUTONOMES ET AUTOMOTEURS

(71) **STUDIO 3 INGEGNERIA S.R.L.** [IT/IT]; Viale Nino Bixio, 95, I-31100 Treviso (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZUGNO, Libero** [IT/IT]; Via O. Bredariol, 48, I-31048 San Biagio di Callalta (IT). **BRIGHENTI, Attilio** [IT/IT]; Cannaregio, 1040, I-30121 Venezia (IT). **GALLETTI, Robin** [GB/IT]; Cannaregio, 4667, I-30131 Venezia (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B64D 17/52**

(11) **WO 00/71416** (13) A1

(21) PCT/US00/14053

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/316,417 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED DEPLOYMENT DEVICE FOR PARACHUTES
• DISPOSITIF DE DEPLOIEMENT AMELIORE POUR PARACHUTE

(71) **P D OF MIAMI, INC.** [—/US]; 1300 East International Speedway Boulevard, Deland, FL 32724 (US).

(74) **DIMAGGIO, Dale, Paul**; Malin, Haley & DiMaggio, P.A., 1936 South Andrews Avenue, Fort Lauderdale, FL 33316 (US).

(81) AU NZ ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B64D 47/02, F21Q 1/00**

(11) **WO 00/71417** (13) A1

(21) PCT/GB00/01924

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911943.0 **21 May/mai 1999 (21.05.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AIRCRAFT LIGHTING UNIT USING LED'S
• DISPOSITIF D'ECLAIRAGE D'AVION UTILISANT DES DIODES ELECTROLUMINESCENTES

(71) **AVIMO LIMITED** [GB/GB]; Lisieux Way, Taunton, Somerset TA1 2JZ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WORSDELL, Anthony, William** [GB/GB]; The Cottage, Church Lane, Misterton, Crewkerne, Somerset TA18 8LT (GB). **CURRY, Paul, Denton** [GB/GB]; 31 Stonegallows, Taunton, Somerset TA1 5JR (GB).

(74) **CALDWELL, Judith, Margaret** et al. / etc.; David Keltie Associates, 12 New Fetter Lane, London EC4A 1AG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65B**

(11) **WO 00/71418** (13) A2

(21) PCT/GB00/01838

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911589.1 **19 May/mai 1999 (19.05.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BAG HANDLING APPARATUS
• APPAREIL DE MANUTENTION DE SACS

(71) **CLYDE MATERIALS HANDLING LIMITED** [GB/GB]; Shaw Lane Industrial Estate, Doncaster DN2 4SE (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARRIOTT, Michael, Alan** [GB/GB]; Clyde Materials Handling Limited, Shaw Lane Industrial Estate, Doncaster DN2 4SE (GB).

(74) **HARRISON GODDARD FOOTE**; Tower House, Merrion Way, Leeds LS2 8PA (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65B 1/36, B30B 15/30, 11/12**

(11) **WO 00/71419** (13) A1

(21) PCT/EP00/04499

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911770.7 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR LOADING A CONTAINER WITH A PRODUCT
• CHARGEMENT D'UN PRODUIT DANS UN RECIPIENT ET APPAREIL A CET EFFET

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WILSON, Alan, Anthony** [GB/GB]; Glaxo Wellcome plc, Park Road, Ware, Herts. SG12 0DP (GB). **FARR, Phillip, William** [GB/GB]; Glaxo Wellcome plc, Park Road, Ware, Herts. SG12 0DP (GB). **PIKE, Marcus, Edward** [GB/GB]; Glaxo Wellcome plc., Priory Street, Ware, Herts. SG12 0DJ (GB).

(74) **PIKE, Christopher, Gerard**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65B 9/20**

(11) **WO 00/71420** (13) A1

(21) PCT/ZA99/00036

(22) **24 May/mai 1999 (24.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WEB STRUCTURE AND THE PRODUCTION OF A WEB STRUCTURE
• STRUCTURE DE FEUILLE ET PRODUCTION D'UNE TELLE STRUCTURE

(71, 72) **CLAXTON, Nigel, Ervine** [ZA/ZA]; Jackelsfontein Coastal Estate, West Coast Road, Darling 7345 (ZA).

(74) **BACON, Brian**; Brian Bacon & Associates, Mariendahl House, 2nd floor, Norwich on Main, Main Road, Newlands 7700 (ZA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65B 25/22, B65D 81/34**

(11) **WO 00/71421** (13) A1

(21) PCT/FR00/01355

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06680 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKAGING METHOD AND PACKAGE FOR PRESERVING AND/OR COOKING OR HEATING FOOD PRODUCTS
• PROCEDE DE CONDITIONNEMENT ET CONDITIONNEMENT POUR LA CONSERVATION ET/OU LA CUISSON OU LE RECHAUFFAGE DE PRODUITS ALIMENTAIRES

(71) **GROUPE GUILLIN** [FR/FR]; Zone Industrielle, F-25290 Ornans (FR). **SEALED AIR** [FR/FR]; 53, rue Saint Denis, F-28230 Epernon (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEAUFILS, Philippe** [FR/FR]; La Roberte, F-84120 Venasque (FR).

(74) **LITTOLFF, Denis**; 20, place des Halles, Bureaux Europe, F-67000 Strasbourg (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65B 31/04**

(11) **WO 00/71422** (13) A1

(21) PCT/EP00/04518

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 99110049.6 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A HAND-HELD SUCTION PUMP
• POMPE A VIDE TENANT DANS LA MAIN

(71) **ARACARIA B.V.** [NL/NL]; Leidsekade 98, NL-1017 PP Amsterdam (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LANZA, Fabrizio** [IT/IT]; Via Mosè Bianchi 3, I-20063 Cernusco sul Naviglio (IT).

(74) **VIERING, JENTSCHURA & PARTNER**; Steinsdorfstr. 6, D-80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65B 57/00**

(11) **WO 00/71423** (13) A1

(21) PCT/US00/13784

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,413 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DUNNAGE MATERIAL AND PROCESS
• MATERIEL D'EMBALLAGE ET PROCEDE

(63) US 09/315,413 (CIP)
20 May/mai 1999 (20.05.1999)

(71) **AUTOMATED PACKAGING SYSTEMS, INC.** [US/US]; 10175 Philipp Parkway, Streetsboro, OH 44241 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LERNER, Bernard** [US/US]; 745-26 Windward Drive, Aurora, OH 44202 (US). **WEHRMANN, Rick, Steven** [US/US]; 6100 Stow Road, Hudson, OH 44236 (US).

(74) **FISHER, Thomas, E.**; Watts, Hoffmann, Fisher & Heinke Co., L.P.A., P.O. Box 99839, Cleveland, OH 44199-0839 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65B 63/02, B30B 15/30**

(11) **WO 00/71424** (13) A1

(21) PCT/EP00/04500

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911770.7 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR DISTRIBUTING POWDER
• PROCEDE ET APPAREIL DE DISTRIBUTION DE POUDRE

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WILSON, Alan, Anthony** [GB/GB]; Glaxo Wellcome plc, Park Road, Ware, Hertfordshire SG12 0DP (GB). **PIKE, Marcus, Edward** [GB/GB]; Glaxo Wellcome plc, Priory Street, Ware, Hertfordshire SG12 0DJ (GB).

(74) **PIKE, Christopher, Gerard**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65B 69/00**

(11) **WO 00/71425** (13) A1

(21) PCT/EP00/04513

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 22 902.3 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR OPENING CONTAINERS THAT HAVE BEEN SEALED WITH A SEALING FILM
• PROCEDE ET DISPOSITIF D'OUVERTURE DE RECIPIENTS FERMES PAR UN FILM D'ETANCHEITE

(71) **GPC BIOTECH AG** [DE/DE]; Fraunhoferstrasse 20, D-82152 Martinsried/München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IVANOV, Igor** [DE/DE]; Heinrich-Heine-Strasse 5, D-82152 Planegg (DE).

(74) **VOSSIUS & PARTNER**; Siebertstrasse 4, D-81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65D 5/42**

(11) **WO 00/71426** (13) A1

(21) PCT/NL00/00344

(22) **19 May/mai 2000 (19.05.2000)**

(25) nl (26) en

(30) 1012113 **20 May/mai 1999** NL **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKAGING COMPRISING AT LEAST TWO COUPLED BOXES
• EMBALLAGE CONSTITUE D'AU MOINS DEUX BOITES COUPLEES

(71) **KAPPA DE ZEEUW GOLFKARTON B.V.** [NL/NL]; Coldenhovenseweg 122, NL-6961 EH Eerbeek (NL). **KAPPA TRIMBACH B.V.** [NL/NL]; Ravelstraat 28, NL-4614 XD Bergen Op Zoom (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN GURP, Paulus, Maria** [NL/NL]; Pater Verschurenstraat 6, NL-4854 KN Bavel (NL). **SCHOEREN, Hubertus, Johannes, Bernardus** [NL/NL]; Sleggeplantsoen 26, NL-6835 AJ Arnhem (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65D 5/54, 71/00**

(11) **WO 00/71427** (13) A1

(21) PCT/NL00/00342

(22) **19 May/mai 2000 (19.05.2000)**

(25) nl (26) en

(30) 1012113 **20 May/mai 1999** NL **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKAGING COMPRISING COUPLED BOXES
• EMBALLAGE COMPORTANT DEUX BOITES COUPLEES

(71) **KAPPA DE ZEEUW GOLFKARTON B.V.** [NL/NL]; Coldenhovenseweg 122, NL-6961 EH Eerbeek (NL). **KAPPA TRIMBACH B.V.** [NL/NL]; Ravelstraat 28, NL-4614 XD Bergen Op Zoom (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN GURP, Paulus, Maria** [NL/NL]; Peter Verschurenstraat 6, NL-4854 KN Bavel (NL). **SCHOEREN, Hubertus, Johannes, Bernardus** [NL/NL]; Sleggeplantsoen 26, NL-6835 AJ Arnhem (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65D 5/54**

(11) **WO 00/71428** (13) A1

(21) PCT/NL00/00347

(22) **19 May/mai 2000 (19.05.2000)**

(25) nl (26) en

(30) 1012113 **20 May/mai 1999** NL **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKAGE, COMPRISING A SERIES OF SUBPACKAGES
• EMBALLAGE COMPRENANT UNE SERIE DE SOUS-EMBALLAGES

(71) **KAPPA DE ZEEUW GOLFKARTON B.V.** [NL/NL]; Coldenhovenseweg 122, NL-6961 EH Eerbeek (NL). **KAPPA TRIMBACH B.V.** [NL/NL]; Ravelstraat 28, NL-4614 XD Bergen op Zoom (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN GURP, Paulus, Maria** [NL/NL]; Pater Verschurenstraat 6, NL-4854 KN Bavel (NL). **SCHOEREN, Hubertus, Johannes, Bernardus** [NL/NL]; Sleggeplantsoen 26, NL-6835 AJ Arnhem (NL).

(74) **PRINS, A., W.**; c/o Vereenigde, Nieuwe Parklaan 97, 2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65D 5/54, 71/00**

(11) **WO 00/71429** (13) A1

(21) PCT/NL00/00348

(22) **19 May/mai 2000 (19.05.2000)**

(25) nl (26) en

(30) 1012113 **20 May/mai 1999** NL **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKAGE, COMPRISING A SERIES OF SUBPACKAGES HAVING IMPROVED CARRYING CAPACITY

• EMBALLAGE COMPRENANT UNE SERIE DE SOUS-EMBALLAGES A FACILITE DE TRANSPORT AMELIOREE

(71) **KAPPA DE ZEEUW GOLFKARTON B.V.** [NL/NL]; Coldenhovenseweg 122, NL-6961 EH Eerbeek (NL). **KAPPA TRIMBACH B.V.** [NL/NL]; Ravelstraat 28, NL-4614 XD Bergen op Zoom (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN GURP, Paulus, Maria** [NL/NL]; Pater Verschurenstraat 6, NL-4854 KN Bavel (NL). **SCHOEREN, Hubertus, Johannes, Bernardus** [NL/NL]; Sleggeplantsoen 26, NL-6835 AJ Arnhem (NL).

(74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65D 17/34**

(11) **WO 00/71430** (13) A1

(21) PCT/ES00/00177

(22) **11 May/mai 2000 (11.05.2000)**

(25) es (26) es

(30) U 9901411 **21 May/mai 1999 (21.05.1999)** ES

(30) U 200000825 **28 Mar/mar 2000 (28.03.2000)** ES

(30) U 200001194 **5 May/mai 2000 (05.05.2000)** ES

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED CAN
• CONSERVE AMELIOREE

(71, 72) **LOUREIRO BENIMELI, Fermín Jaime** [ES/ES]; Sor Eulalia de Anzizu, 34-5º, E-08034 Barcelona (ES).

(74) **PASTELLS TEIXIDO, Manuel**; Pastells & Aragonés, S.L., Pau Claris, 138 5º-1ª, E-08009 Barcelona (ES).

(81) AE AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65D 19/40**

(11) **WO 00/71431** (13) A1

(21) PCT/CA99/00409

(22) **19 May/mai 1999 (19.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPONENTS FOR MODULAR PALLETS
• COMPOSANTS POUR PALETTES MODULAIRES

(71) **PALLETRONIX CORPORATION** [CA/CA]; Suite 3825, 100 King Street West, P.O. Box 404, Toronto, Ontario M5X 1E3 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NASH, Abbey** [CA/CA]; Apt. 2301, 44 Charles Street West, Toronto, Ontario M4Y 1R7 (CA).

(74) **AIRDS & BERLIS**; BCE Place, Suite 1800, Box 754, Toronto, Ontario M5J 2T9 (CA).

(81) AE AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR 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 US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL 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 GW ML MR NE SN TD TG).

---

(51)[7] **B65D 23/10**

(11) **WO 00/71432** (13) A1

(21) PCT/JP00/03202

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/138965 **19 May/mai 1999 (19.05.1999)** JP

(30) 11/310025 **29 Oct/oct 1999 (29.10.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BIAXIALLY STRETCHED BOTTLE WITH HOLDER
• BOUTEILLE À ÉTIRAGE BIAXIAL AVEC SUPPORT

(71) **A.K. TECHNICAL LABORATORY, INC.** [JP/JP]; 4963-3, Ohaza-minamijo, Sakaki-machi, Hanishina-gun, Nagano 389-0603 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAKEUCHI, Setsuyuki** [JP/JP]; A.K. Technical Laboratory, Inc., 4963-3, Ohaza-minamijo, Sakaki-machi, Hanishina-gun, Nagano 389-0603 (JP). **IBE, Nobukuni** [JP/JP]; A.K. Technical Laboratory, Inc., 4963-3, Ohaza-minamijo, Sakaki-machi, Hanishina-gun, Nagano 389-0603 (JP). **YANAGIMACHI, Yukio** [JP/JP]; A.K. Technical Laboratory, Inc., 4963-3, Ohaza-minamijo, Sakaki-machi, Hanishina-gun, Nagano 389-0603 (JP).

(74) **AKIMOTO, Teruo**; 1-1, Minami-aoyama 1-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65D 33/20, 33/25**

(11) **WO 00/71433** (13) A1

(21) PCT/US00/13850

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,832 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RECLOSABLE STORAGE BAG WITH COLOR CLOSURE INDICATOR
• SAC DE RANGEMENT REFERMABLE AVEC TEMOIN DE FERMETURE COLORE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **CERONE, Daniel, Raymond**; 5400 Creekside Court, West Chester, OH 45069 (US). **RANDALL, Catherine, Jean**; 3202 Ashwood Drive, Cincinnati, OH 45213 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65D 43/08**

(11) **WO 00/71434** (13) A1

(21) PCT/US00/04423

(22) **22 Feb/fév 2000 (22.02.2000)**

(25) en (26) en

(30) 09/253,305 **19 Feb/fév 1999 (19.02.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITE CONTAINER CLOSURE
• DISPOSITIF DE FERMETURE DE RECIPIENT COMPOSITE

(63) US 09/253,305 (CIP)

19 Feb/fév 1999 (19.02.1999)

(71) **DOUBLE "H" PLASTICS, INC.** [US/US]; 50 West Street Road, Warminster, PA 18974-3238 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HELMS, Charles, R.** [US/US]; 1555 Glebe Road, Earleville, MD 21919 (US).

(74) **BARRON, Alexis** et al. / etc.; Synnestvedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65D 53/00, 3/04**

(11) **WO 00/71435** (13) A1

(21) PCT/AU00/00043

(22) **28 Jan/jan 2000 (28.01.2000)**

(25) en (26) en

(30) PQ 0532 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 3368 **12 Oct/oct 1999** AU **(12.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • END SEALS FOR CYLINDRICAL CONTAINERS
• JOINTS D'EXTREMITE POUR RECIPIENTS CYLINDRIQUES

(71, 72) **CAHILL, Jeffrey, Michael** [AU/AU]; 1 Waitangi Street, Gwynneville, NSW 2500 (AU).

(74) **FREEHILLS CARTER SMITH & BEADLE**; 101 Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65D 65/28, G09F 3/10, A44C 3/00**

(11) **WO 00/71436** (13) A1

(21) PCT/US00/11861

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,353 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FORM WITH INTEGRATED LABEL OR FOLD-OVER CARD INTERMEDIATE
• FORME AVEC LABEL INTEGRE OU ENCART INTERMEDIAIRE

(71, 72) **CASAGRANDE, Charles, L.** [US/GB]; Precision Coated Products Ltd., Gillingham Business Park, Unit 4, Saracen Close, Gillingham, Kent ME8 0QN (GB).

(74) **MARRAH, Michael, T.** et al. / etc.; Thompson Coburn LLP, One Firstar Plaza, St. Louis, MO 63101 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65D 65/46, A23K 1/00, B31C 3/04**

(11) **WO 00/71437** (13) A1

(21) PCT/ES00/00182

(22) **18 May/mai 2000 (18.05.2000)**

(25) es (26) es

(30) P 9901071 **19 May/mai 1999** ES **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLEXIBLE COLLAGEN BAG AND METHOD FOR THE PRODUCTION THEREOF
• SAC DE COLLAGENE FLEXIBLE ET PROCEDE D'ELABORATION

(71) **VISCOFAN, INDUSTRIA NAVARRA DE ENVOLTURAS CELULOSICAS, S.A.** [ES/ES]; Iturrama 23, Entreplanta, E-31007 Pamplona (ES).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ETAYO GARRALDA, Vicente** [ES/ES]; Iturrama 23, Entreplanta, E-31007 Pamplona (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65D 71/00, 5/54**

(11) **WO 00/71438** (13) A1

(21) PCT/NL00/00349

(22) **19 May/mai 2000 (19.05.2000)**

(25) nl (26) en

(30) 1012113 **20 May/mai 1999** NL **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKAGE FOR SERIES OF SUBPACKAGES AND METHOD FOR SHELVING SUCH SUBPACKAGES
• EMBALLAGE POUR SERIE DE SOUS-EMBALLAGES ET PROCEDE DE MISE EN RAYONNAGE DE TELS SOUS-EMBALLAGES

(71) **KAPPA DE ZEEUW GOLFKARTON B.V.** [NL/NL]; Coldenhovenseweg 122, NL-6961 EH Eerbeek (NL). **KAPPA TRIMBACH B.V.** [NL/NL]; Ravelstraat 28, NL-4614 XD Bergen op Zoom (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN GURP, Paulus, Maria** [NL/NL]; Pater Verschurenstraat 6, NL-4854 KN Bavel (NL). **SCHOEREN, Hubertus, Johannes, Bernardus** [NL/NL]; Sleggeplantsoen 26, NL-6835 AJ Arnhem (NL).

(74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65D 83/00, A45D 34/04**

(11) **WO 00/71439** (13) A1

(21) PCT/US00/14112

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,282 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLEXIBLE WALL COSMETIC CONTAINER
• CONTENANT DE PRODUIT COSMETIQUE A PAROI FLEXIBLE

(71) **COLOR ACCESS, INC.** [US/US]; 7 Corporate Center Drive, Melville, NY 11747 (US).

(72) **MIRAGLIA, Loretta, A.**; 22 Regina Road, Monsey, NY 10952 (US). **BOUIX, Herve, F.**; 245 East 54th Street, New York, NY 10022 (US).

(74) **TSEVDOS, Estelle, J.**; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO

NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65D 85/00, 75/00, 85/68**

(11) **WO 00/71440** (13) A1

(21) PCT/US00/14188

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,471 **24 May/mai 1999** US **(24.05.1999)**

(30) Not furnished / non communiqué **23 May/mai 2000** US **(23.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKAGING COMPONENT AND CONTAINMENT SYSTEM PARTICULARLY USEFUL FOR PACKAGING RADIATORS
• ELEMENT D'EMBALLAGE ET SYSTEME DE CONFINEMENT PARTICULIEREMENT UTILES POUR L'EMBALLAGE DE RADIATEURS

(71, 72) **WILLIAMS, Richard, E.** [US/US]; 329 Robincrest Lane, Lindenhurst, IL 60046 (US).

(74) **BANIAK, Michael, H.**; Baniak Nicholas Pine & Gannon, Suite 2000, 1603 Orrington Avenue, Evanston, IL 60201 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65D 90/04**

(11) **WO 00/71441** (13) A1

(21) PCT/CH00/00084

(22) **14 Feb/fév 2000 (14.02.2000)**

(25) fr (26) fr

(30) 936/99 **19 May/mai 1999** CH **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTAINER LINER
• ENVELOPPE INTERIEURE POUR CONTAINER

(71) **CODEFINE S.A.** [CH/CH]; 21, avenue du Léman, CH-1005 Lausanne (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHINASI, Piero** [CH/CH]; 49, chemin de la Girarde, CH-1066 Epalinges (CH).

(74) **GANGUILLET, Cyril** et al. / etc.; ABREMA Agence Brevets et Marques, Ganguillet & Humphrey, 16, avenue du Théâtre, Case postale 2065, CH-1002 Lausanne (CH).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65G**

(11) **WO 00/71442** (13) A2

(21) PCT/DE00/01640

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 299 08 964.9 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ARRAY FOR TRANSPORTING GOODS
• SYSTEME POUR LE TRANSPORT D'ARTICLES A TRANSPORTER

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE). **COCOUAL, Marie-Thérèse** (heiress of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Hornisgrindestr. 14, D-76189 Karlsruhe (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72) **HÖRGER, Jörg** (deceased / décédé).

(72, 75) **BREITHAUPT, Rolf** [DE/DE]; Danziger Str. 49, D-76307 Karlsbad (DE). **HEIDEL, Roland** [DE/DE]; Guttenbergstr. 31, D-76870 Kandel (DE). **DÖBRICH, Udo** [DE/DE]; Hornisgrindestr. 3, D-76307 Karlsbad (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B65G 21/06**

(11) **WO 00/71443** (13) A1

(21) PCT/DE00/00844

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) de (26) de

(30) 199 23 347.0 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FIXING DEVICE FOR A PART THAT CAN BE INSERTED BETWEEN TWO ADJACENT SUPPORTS
• DISPOSITIF DE FIXATION DESTINE A UN COMPOSANT INSERABLE ENTRE DES SUPPORTS ADJACENTS

(71) **WITTENSTEIN GMBH & CO. KG** [DE/DE]; Walter-Wittenstein-Strasse 1, D-97999 Igersheim (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOFMANN, Werner** [DE/DE]; Sudetenstrasse 6, D-97980 Bad Mergentheim (DE). **WILHELM, Thomas** [DE/DE]; Reinsbronn 109, D-97993 Creglingen (DE).

(74) **PFUSCH, Volker**; Patentanwalts-Partnerschaft Rotermund + Pfusch, Waiblinger Strasse 11, D-70372 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B65G 37/00**

(11) **WO 00/71444** (13) A2

(21) PCT/US00/11751

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/316,014 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INDUCTOR STATION FOR SORTATION CONVEYING SYSTEM
• STATION A INDUCTEURS POUR POSTES DE TRI D'UN SYSTEME DE CONVOYAGE

(71) **DORNER MFG. CORP.** [US/US]; 580 Industrial Drive, Hartland, WI 53029 (US).

(72) **EGGEBRECHT, Todd, R.**; W324 S8331 Jericho Court, Mukwonago, WI 53149 (US). **KNAS, Jason, M.**; S79 W30611 Sugden Road, Mukwonago, WI 53149 (US).

(74) **WILLIAMS, Edward, R., Jr.** et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, Suite 1100, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65G 47/10**

(11) **WO 00/71445** (13) A1

(21) PCT/US00/13824

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,974 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR A MODULAR CONVEYOR CONTROL SYSTEM
• PROCEDE ET APPAREIL POUR UN SYSTEME DE COMMANDE DE TRANSPORTEUR MODULAIRE

(71) **MIDDLESEX GENERAL INDUSTRIES, INC.** [US/US]; 6 Adele Road, Woburn, MA 01801 (US).

(72) **PYKE, Adrian, L.**; 34 Lynn Village Way, Reading, MA 01867 (US). **CLEMENT, Warren, J.**; 58 Irene Drive, Hollis, NH 03049 (US).

(74) **COHEN, Jerry** et al. / etc.; Perkins, Smith & Cohen, LLP, One Beacon St., 30th Floor, Boston, MA 02108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65G 47/38, 47/96**

(11) **WO 00/71446** (13) A1

(21) PCT/DK00/00272

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) PA 1999 00719 **21 May/mai 1999** DK **(21.05.1999)**

(30) PA 2000 00342 **2 Mar/mar 2000** DK **(02.03.2000)**

(30) 60/193,443 **31 Mar/mar 2000** US **(31.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SORTING CONVEYER WITH A TILTING MECHANISM
• CONVOYEUR DE TRIAGE POURVU D'UN MECANISME DE BASCULEMENT

(71) **CRISPLANT A/S** [DK/DK]; P.O. Pedersens Vej 10, DK-8200 Århus N (DK).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ABILDGAARD, Anne-Mette, Hjortshøj** [DK/DK]; Knudrisgade 52, DK-8000 Århus C (DK). **CHRISTENSEN, Jan, Gulløv** [DK/DK]; Rindsvej 32, 1. mf., DK-8900 Randers (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65G 47/84, C23C 14/56**

(11) **WO 00/71447** (13) A1

(21) PCT/EP00/04155

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 22 873.6 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR INTRODUCING AND/OR ELIMINATING CONTAINERS
• DISPOSITIF D'INTRODUCTION ET D'EVACUATION DE RECIPIENTS

(71) **KRONES AG** [DE/DE]; Böhmerwaldstraße 5, 93068 Neutraubling (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUMELE, Heinz** [DE/DE]; Peter-Folger-Strasse 12, 93107 Thalmassing (DE).

(74) **KRONES AG**; Böhmerwaldstraße 5, 93068 Neutraubling (DE).

(81) AU BR CN JP KR MX RU US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B65G 57/03, 61/00 // B65D 71/00**

(11) **WO 00/71448** (13) A1

(21) PCT/SE00/00991

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901834-3 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD OF TRANSFERRING INDIVIDUAL OBJECTS TO A PALLET-LOADED UNIT
• PROCEDE DE TRANSFERT D'OBJETS INDIVIDUELS JUSQU'A UNE UNITE REMPLIE DE PALETTES

(71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALDIN, Anders** [SE/SE]; Snöbärsgatan 2, S-233 35 Svedala (SE). **HEGARDT, Johan** [SE/SE]; V Torggatan 5, S-260 20 Teckomatorp (SE). **KULLEGÅRD, Bengt** [SE/SE]; Västervång 4, S-247 34 Södra Sandby (SE). **NORDELL, Joakim** [SE/SE]; Illervägen 13, S-246 50 Löddeköpinge (SE). **PALM, Alf-Göran** [SE/SE]; Jaktvagnsgatan 22, S-214 21 Malmö (SE).

(74) **BRUNNSTRÖM, Gunilla**; AB Tetra Pak, Patent Department, Ruben Rausings Gata, S-221 86 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65G 57/03, 61/00 // B65D 71/00**

(11) **WO 00/71449** (13) A1

(21) PCT/SE00/00992

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901835-0 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN APPARATUS AND A METHOD FOR FOLDING AN INTERLAY SHEET FOR A PALLET-LOADED UNIT
• APPAREIL ET PROCEDE PERMETTANT DE PLIER UNE FEUILLE INTERCALAIRE D'UNE UNITE REMPLIE DE PALETTES

(71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALDIN, Anders** [SE/SE]; Snöbärsgatan 2, S-233 35 Svedala (SE). **KULLEGÅRD, Bengt** [SE/SE]; Västervång 4, S-247 34 Södra Sandby (SE). **NORDELL, Joakim** [SE/SE]; Illervägen 13, S-246 50 Löddeköpinge (SE).

(74) **BRUNNSTRÖM, Gunilla**; AB Tetra Pak, Patent Department, Ruben Rausings Gata, S-221 86 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65G 57/03, 61/00 // B65D 71/00**

(11) **WO 00/71450** (13) A1

(21) PCT/SE00/00993

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901836-8 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN APPARATUS AND A METHOD FOR COLLECTING, RELOCATING AND DEPOSITING A LAYER UNIT TO A PALLET-LOADED UNIT
• APPAREIL ET PROCEDE POUR PRELEVER, DEPLACER ET DEPOSER UN EMPILEMENT DE MARCHANDISES SUR UNE UNITE CHARGEE DE PALETTES

(71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALDIN, Anders** [SE/SE]; Snöbärsgatan 2, S-233 35 Svedala (SE). **NORDELL, Joakim** [SE/SE]; Illervägen 13, S-246 50 Löddeköpinge (SE). **SJÖBECK, Roger** [SE/SE]; Kronetorpsgatan 54A, S-212 26 Malmö (SE).

(74) **BRUNNSTRÖM, Gunilla**; AB Tetra Pak, Patent Department, Ruben Rausings gata, S-221 86 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65G 57/03, 61/00 // B65D 71/00**

(11) **WO 00/71451** (13) A1

(21) PCT/SE00/00994

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901837-6 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN APPARATUS FOR RECEIVING A LAYER UNIT ON A PALLET UNIT
• APPAREIL DESTINE A RECEVOIR UNE UNITE COUCHE SUR UNE UNITE PALETTE

(71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALDIN, Anders** [SE/SE]; Snöbärsgatan 2, S-233 35 Svedala (SE). **HEGARDT, Johan** [SE/SE]; V Torggatan 5, S-260 20 Teckomatorp (SE). **KULLEGÅRD, Bengt** [SE/SE]; Västervång 4, S-247 34 Södra Sandby (SE). **NORDELL, Joakim** [SE/SE]; Illervägen 13, S-246 50 Löddeköpinge (SE).

(74) **BRUNNSTRÖM, Gunilla**; AB Tetra Pak, Patent Department, Ruben Rausings Gata, S-221 86 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65G 63/00**

(11) **WO 00/71452** (13) A1

(21) PCT/DE00/01524

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 23 813.8 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOADING AND UNLOADING INSTALLATION FOR GENERAL CARGO, ESPECIALLY FOR ISO CONTAINERS
• INSTALLATION DE TRANSBORDEMENT POUR MARCHANDISES DE DETAIL, NOTAMMENT POUR CONTENEURS ISO

(71) **ATECS MANNESMANN AG** [DE/DE]; Mannesmannufer 2, D-40213 Düsseldorf (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOBNER, Mathias** [DE/DE]; Gereonstr. 12, D-41569 Rommerskirchen (DE). **FRANZEN, Hermann** [DE/DE]; Schloss-Dyck-Strasse 136, D-41238 Mönchengladbach (DE). **KRÖLL, Joachim** [DE/DE]; Steinstr. 1, D-41363 Jüchen (DE).

(74) **MEISSNER, P., E.**; Meissner & Meissner, Hohenzollerndamm 89, D-14199 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B65H 19/22**

(11) **WO 00/71453** (13) A1

(21) PCT/FI00/00442

(22) **17 May/mai 2000 (17.05.2000)**

(25) fi (26) en

(30) 991169 **24 May/mai 1999** FI **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR THREADING THE TAIL OF A WEB IN A REEL-UP OF PAPER WEB
• PROCEDE ET DISPOSITIF PERMETTANT D'ENGAGER L'EXTREMITE D'UNE BANDE DANS UN ENROULEUR DE BANDE DE PAPIER

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AUTIO, Jukka** [FI/FI]; Paska-Avenue 114, FIN-43500 Karstula (FI). **INNALA, Matti** [FI/FI]; Mittarikatu 4 B 2, FIN-04400 Järvenpää (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65H 29/70, 29/14, 31/06**

(11) **WO 00/71454** (13) A1

(21) PCT/US00/05489

(22) **2 Mar/mar 2000 (02.03.2000)**

(25) en (26) en

(30) 09/315,693 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR SORTING MAIL
• APPAREIL ET PROCEDE POUR TRIER LE COURRIER

(71) **PROFOLD, INC.** [US/US]; 10300-99th Way, P.O. Box 780929, Sebastian, FL 32978 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FERENCE, Jeffery** [US/US]; 2120 Valley Road, Malabar, FL 32950 (US).

(74) **WARTHER, Richard, K.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 South Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B65H 37/04, 37/02, B41J 2/175, B41L 43/12, B42C 9/00**

(11) **WO 00/71455** (13) A1

(21) PCT/AU00/00556

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRINTER CARTRIDGE WITH BINDER
• CARTOUCHE D'IMPRIMANTE A SYSTEME DE RELIURE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, NSW 2090 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B66B 9/04**

(11) **WO 00/71456** (13) A1

(21) PCT/CH00/00253

(22) **8 May/mai 2000 (08.05.2000)**

(25) de (26) de

(30) 943/99 **19 May/mai 1999** CH **(19.05.1999)**

(30) 1746/99 **24 Sep/sep 1999** CH **(24.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDRAULIC ELEVATOR
• ASCENSEUR HYDRAULIQUE

(71) **WITTUR AG** [CH/CH]; Frohburgstrasse 29, CH-8832 Wollerau (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FLURY, Urs** [CH/CH]; Hinterbergstrasse 16, CH-6318 Walchwil (CH). **GOOD, Hermann** [CH/CH]; Spiegelbergstrasse 16, CH-6318 Walchwil (CH).

(74) **WITTUR AG**; Odermatt, Werner, Frohburgstrasse 29, CH-8832 Wollerau (CH).

(81) CA CN KR TR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B66B 11/08**

(11) **WO 00/71457** (13) A1

(21) PCT/NL00/00356

(22) **24 May/mai 2000 (24.05.2000)**

(25) nl (26) en

(30) 1012145 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIFT
• ASCENSEUR

(71) **NORMLIFT BV** [NL/NL]; Winkelerzand 7, NL-1731 LR Winkel (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DE HEER, Gerrit** [NL/NL]; Schelfhoutplantsoen 8, NL-1701 NG Heerhugowaard (NL).

(74) **KOOMEN, M., J., I.**; Kennemerstraatweg 35-37, NL-1814 GB Alkmaar (NL).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[6] **B66C 1/10**

(11) **WO 00/71458** (13) A1

(21) PCT/JP99/02686

(22) **21 May/mai 1999 (21.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SPREADER OF CONTAINER CRANE
• POTENCE DE PORTIQUE A CONTENEURS

(71) **ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI KAISHA** [JP/JP]; 2-1, Ote-machi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIYAZAWA, Isao** [JP/JP]; 5-9-21, Buzo, Urawa-shi, Saitama 336-0025 (JP).

(74) **YAMADA, Tsunemitsu** et al. / etc.; 2nd Yahagi Building, 5-3, Uchikanda 3-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B66F 9/075, B62D 7/14**

(11) **WO 00/71459** (13) A1

(21) PCT/JP00/02948

(22) **8 May/mai 2000 (08.05.2000)**

(25) ja (26) ja

(30) 11/140877 **21 May/mai 1999** JP **(21.05.1999)**

(30) 11/167576 **15 Jun/juin 1999** JP **(15.06.1999)**

(30) 11/193812 **8 Jul/juil 1999** JP **(08.07.1999)**

(30) 11/244172 **31 Aug/août 1999** JP **(31.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FORK LIFT WITH TRAVERSE SYSTEM
• LEVIER A FOURCHE A SYSTEME TRANSVERSAL

(71) **TCM CORPORATION** [JP/JP]; 15-10, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ENMEIJI, Yoshiyuki** [JP/JP]; TCM Corporation, 15-10, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 (JP). **NISHIKAWA, Takeshi** [JP/JP]; TCM Corporation, 15-10, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 (JP). **KAMO, Yuusuke** [JP/JP]; TCM Corporation, 15-10, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 (JP).

(74) **MORIMOTO, Yoshihiro**; All Nippon Airways(Nishi-Hommachi)Bldg., 4th Floor, 10-10, Nishi-Hommachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **B67C 7/00, 3/20**

(11) **WO 00/71460** (13) A1

(21) PCT/ZA00/00100

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 99/3526 **25 May/mai 1999** ZA **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS FOR FILLING AND CLOSING BOTTLES
• APPAREIL DESTINE AU REMPLISSAGE ET A LA FERMETURE DE BOUTEILLES

(71, 72) **KRUGER, André** [ZA/ZA]; Hennops River, 489 JQ, 0002 Pretoria (ZA).

(74) **LE ROUX, Marius**; D.M. Kisch Inc., P.O. Box 781218, 2146 Sandton (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B67D 1/04**

(11) **WO 00/71461** (13) A1

(21) PCT/KR99/00251

(22) **20 May/mai 1999 (20.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A BEVERAGE CONTAINER'S GAS REFILLING DEVICE
• DISPOSITIF DE REMPLISSAGE DE GAZ POUR CONTENANT A BOISSON

(71, 72) **KIM, Deok, Woo** [KR/KR]; 2315-702, Joogong Apt., Haetbitmaul, Haengsin 1-dong, Dukyang-gu, Goyang, Kyunggi-do 412-221 (KR).

(72, 75) **YOON, Sung, Rho** [KR/KR]; Da-105, Haechung Apt., Samsung 2-dong, Kangnam-gu, Seoul 135-092 (KR).

(74) **PARK, Lae, Bong**; 4F TLBS B/D 464-1, Kunja-dong, Kwangjin-gu, Seoul 143-150 (KR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B67D 3/00, 5/62**

(11) **WO 00/71462** (13) A1

(21) PCT/SE00/01013

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9901829-3 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR FLUID DISPENSER
• DISPOSITIF D'UN DISTRIBUTEUR DE LIQUIDE

(71) **THE NOBLE SWEDISH EUROWATER AB** [SE/SE]; Industrigatan 12, S-802 83 Gävle (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EICHHORN, Roger** [SE/SE]; S. Förstadsgatan 121 C, S-214 28 Malmö (SE).

(74) **HANSSON THYRESSON PATENTBYRÅ AB**; Patent Dept., Box 73, S-201 20 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **B67D 5/00, 5/06**

(11) **WO 00/71463** (13) A1

(21) PCT/US00/13814

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,718 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CAULKING GUN
• PISTOLET A CALFEUTRER

(71, 72) **KERN, Thomas, D.** [US/US]; 150 Cherry Street, Bradner, OH 43406 (US).

(74) **FRASER, Donald, R.**; MacMillan, Sobanski & Todd, LLC, 132C West Second Street, Perrysburg, OH 43551 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **B67D 5/52**

(11) **WO 00/71464** (13) A1

(21) PCT/US99/30718

(22) **21 Dec/déc 1999 (21.12.1999)**

(25) en (26) en

(30) 09/316,828 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WINDSHIELD WASHER FLUID DISPENSING SYSTEM
• SYSTEME DE DISTRIBUTION DE LIQUIDE LAVE-GLACES

(71) **CLEAN SHIELD ENTERPRISES, INC.** [US/US]; 4084 Prairie Ridge Road, Eagan, MN 55123 (US).

(72) **WILLECKE, Robert**; Sabal Air, 4512 Pine Cone Place, Cocoa, FL 32926 (US). **ELIASON, Jeffrey, M.**; 4571 West County Road J, St. Paul, MN 55126 (US). **SEVERSON, Dale, A.**; 4084 Prairie Ridge Road, Eagan, MN 55123-3933 (US).

(74) **KAIHOI, Gregory, P.** et al. / etc.; Fredrikson & Byron, P.A., 1100 International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3397 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C01B 13/36**

(11) **WO 00/71465** (13) A1

(21) PCT/EP00/04326

(22) **13 May/mai 2000 (13.05.2000)**

(25) de (26) de

(30) 199 23 625.9 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REDISPERSABLE METAL OXIDES AND HYDROXIDES WITH PARTICLE SIZES IN THE NANOMETRIC SIZE RANGE
• OXYDES ET HYDROXYDES METALLIQUES REDISPERSIBLES D'UNE GRANULOMETRIE D'ORDRE NANOMETRIQUE

(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) **ROTH, Marcel** [DE/DE]; Weststrasse 17, D-40591 Düsseldorf (DE). **HEMPELMANN, Rolf** [DE/DE]; St. Herblainer Strasse 11, D-66386 St. Ingbert (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C02F 1/00, 3/00, C12M 1/00**

(11) **WO 00/71466** (13) A1

(21) PCT/JP00/03314

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143759 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR TREATING CONTAMINATED MATERIAL CONTAINING ANIMAL OR VEGETABLE WASTE OIL OR THE LIKE
• PROCEDE ET DISPOSITIF DE TRAITEMENT DE MATERIAU CONTAMINE CONTENANT DES HUILES USEES ANIMALES, VEGETALES OU ANALOGUES

(71, 72) **NAKAMURA, Shozo** [JP/JP]; 1057-1, Suka, Miyashiro-machi, Minami-Saitama-gun, Saitama 345-0831 (JP).

(74) **ASAKURA, Masayuki**; Shinwa Law & Patent Office, Kono Building, 5th floor, 23-9, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C02F 1/00, 1/28**

(11) **WO 00/71467** (13) A1

(21) PCT/US00/13908

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,083 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR REMOVAL OF NANO-SIZED PATHOGENS FROM LIQUIDS
• PROCEDE D'ELIMINATION D'AGENTS PATHOGENES DE NANO-TAILLE DE LIQUIDES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **TREMBLAY, Mario, Elam**; 7897 Woodglen Drive, West Chester, OH 45069 (US). **FISHTER, Steve, Gary**; 310 Broadway, Harrison, OH 45030 (US). **COLLIAS, Dimitris, Ioannis**; 4683 Cedar Village Drive, Mason, OH 45040 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C02F 1/00**

(11) **WO 00/71468** (13) A1

(21) PCT/US00/14756

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,119 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/571,112 **15 May/mai 2000** US **(15.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUID FILTRATION AND DISPENSING SYSTEM
• DISPOSITIF DE FILTRAGE ET DE DISTRIBUTION DE FLUIDE

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) **FISH, Jeffrey, Eldon**; 2405 Cammie Wages Road, Dacula, GA 30019 (US). **McGRATH, Kevin, Peter**; 335 Hermitage Trail, Alpharetta, GA 30004 (US). **POIRIER, Malcolm, Daniel**; 3924 Upland Way, Marietta, GA 30066 (US). **WILLIAMSON, Bruce, Scott**; 2020 Compass Point Drive, Alpharetta, GA 30202 (US).

(74) **KYRIAKOU, Christos, S.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C02F 1/28 // 103:24, 101:22, 101:20**

(11) **WO 00/71469** (13) A1

(21) PCT/FR00/01418

(22) **25 May/mai 2000 (25.05.2000)**

(25) fr (26) fr

(30) 99/06577 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND INSTALLATION FOR SEPARATING HEAVY METALS CONTAINED IN LIQUID EFFLUENTS
• PROCEDE ET INSTALLATION POUR LA SEPARATION DE METAUX LOURDS CONTENUS DANS DES EFFLUENTS LIQUIDES

(71) **MESSIER-BUGATTI** [FR/FR]; Zone Aéronautique Louis Bréguet, F-78140 Vélizy Villacoublay (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OUVRY, Ludovic** [FR/FR]; 3 Route de Genas, F-69680 Chassieu (FR).

(74) **JOLY, Jean-Jacques** et al. / etc.; Cabinet Beau de Loménie, 158 Rue de L'université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C02F 1/48**

(11) **WO 00/71470** (13) A1

(21) PCT/JP00/03150

(22) **17 May/mai 2000 (17.05.2000)**

(25) ja (26) ja

(30) 11/138602 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR MAGNETICALLY MODIFYING FLUID
• DISPOSITIF DE MODIFICATION MAGNETIQUE DE FLUIDE

(71) **KABUSHIKI KAISHA REI HART** [JP/JP]; 7-20, Okubo 2-chome, Shinjuku-ku, Tokyo 169-0072 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **KOBAYASHI, Teruo** [JP/JP]; 1-16-408, Makomanaikamimachi 1-chome, Minami-ku, Sapporo-shi, Hokkaido 005-0012 (JP).

(74) **YONEYA, Takeshi**; Room 515, Nippon Building 5F, 6-2, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8699 (JP).

(81) AT AU US.

(84) EP (DE FR GB IT).

---

(51)[7] **C02F 1/52**

(11) **WO 00/71471** (13) A1

(21) PCT/US99/21343

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/316,600 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR TREATMENT OF SUBSTANTIALLY AQUEOUS FLUIDS DERIVED FROM PROCESSING INORGANIC MATERIALS
• PROCEDE DE TRAITEMENT DE FLUIDES SENSIBLEMENT AQUEUX PROVENANT DU TRAITEMENT DE MATIERES INORGANIQUES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **MOFFETT, Robert, Harvey**; 6 Crossan Court, Landenberg, PA 19350 (US).

(74) **SHAY, Lucas, K.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU ZA.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C02F 1/70**

(11) **WO 00/71472** (13) A1

(21) PCT/JP00/03082

(22) **12 May/mai 2000 (12.05.2000)**

(25) ja (26) ja

(30) 11/138627 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF DECOMPOSING ORGANOCHLORINE COMPOUND
• PROCEDE DE DECOMPOSITION DE COMPOSE ORGANOCHLORE

(71) **HITACHI ZOSEN CORPORATION** [JP/JP]; 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEKIGUCHI, Yoshitoshi** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). **SASAKI, Kunio** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). **TANAKA, Shingo** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). **KISHIDA, Hisanori** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP).

(74) **KISHIMOTO, Einosuke** et al. / etc.; Inaba Bldg., 3rd Floor, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(81) JP KR US.

(84) EP (DE FR GB).

---

(51)[7] **C02F 3/00**

(11) **WO 00/71473** (13) A1

(21) PCT/FR00/01322

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06545 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUID PURIFYING DEVICE USING PHYSICAL AND/OR BIOLOGICAL REACTORS
• DISPOSITIF DE PURIFICATION DE FLUIDES UTILISANT DES REACTEURS PHYSIQUES ET/OU BIOLOGIQUES

(71, 72) **DAUTAIS, Jean-Pierre** [FR/FR]; 73, rue Jean Mermoz, F-44340 Bouguenais (FR).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C02F 3/00**

(11) **WO 00/71474** (13) A2

(21) PCT/NL00/00319

(22) **12 May/mai 2000 (12.05.2000)**

(25) nl (26) en

(30) 1012130 **21 May/mai 1999** NL **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR BIOLOGICALLY PURIFYING WASTE WATER HAVING A LOW NUTRIENTS CONTENT, AS WELL AS APPARATUS FOR CARRYING OUT SUCH A METHOD
• PROCEDE DE PURIFICATION BIOLOGIQUE D'EAUX USEES A FAIBLE TENEUR EN MATIERE NUTRITIVE ET APPAREIL DE MISE EN APPLICATION DE CE PROCEDE

(71) **KWA BEHEER B.V.** [NL/NL]; Regentesselaan 2, NL-3818 HJ Amersfoort (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VERTEGAAL, David, Leo, Joseph** [NL/NL]; Hoflaan 6, NL-6824 BP Arnhem (NL).

(74) **VAN KAN, J., J., H.** et al. / etc.; Algemeen Octrooibureau, World Trade Center, Pastoor Petersstraat 160, NL-5612 LV Eindhoven (NL).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C02F 7/00**

(11) **WO 00/71475** (13) A1

(21) PCT/US00/13859

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,736 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WATER CIRCULATION APPARATUS SYSTEM AND METHOD
• DISPOSITIF, SYSTEME ET PROCEDE DE CIRCULATION D'EAU

(71, 72) **TORMASCHY, Willard, R.** [US/US]; 819 8th Avenue West, Dickinson, ND 58601 (US). **RUZICKA, Wayne, E.** [US/US]; 1300 North 3rd Street, Bismarck, ND 58501 (US). **BLETH, Joel, J.** [US/US]; 1191 15th Avenue West, Dickinson, ND 58601 (US). **KUDRNA, Gary, A.** [US/US]; 10501 63rd Avenue NW, Dickinson, ND 58601 (US). **OBRITSCH, Tait, J.** [US/US]; HC1, Box 29, Rural Fairfield, ND 58627 (US).

(74) **HARR, Curtis, V.**; P.O. Box 2842, Fargo, ND 58108-2842 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C02F 11/00**

(11) **WO 00/71476** (13) A1

(21) PCT/US00/09809

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,666 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RECLAMATION OF MATERIALS IN A CLOSED ENVIRONMENT WITH REMEDIAL WATER
• REGENERATION DE MATIERES DANS UN ENVIRONNEMENT FERME AU MOYEN D'EAU DE CURAGE

(63) US 60/135,666 (CIP) 24 May/mai 1999 (24.05.1999)

(71, 72) **SHEETS, Richard, G.** [US/US]; 7865 N.E. Day Road West, Bainbridge Island, WA 98110 (US).

(74) **SANDERCOCK, Colin, G.**; Foley & Lardner, 3000 K. Street, N.W., Suite 500, Washington, DC 20007-5109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C02F 11/12**

(11) **WO 00/71477** (13) A1

(21) PCT/EP00/04447

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 34 381.0 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND FACILITY FOR PRETREATING, PELLETING AND DRYING INDUSTRIAL SLUDGES FOR RECYCLING
• PROCEDE ET INSTALLATION DE PRETRAITEMENT, DE GRANULATION ET DE SECHAGE DE BOUES INDUSTRIELLES EN VUE DE LEUR RECYCLAGE

(71, 72) **MÉRAI, Josef** [DE/DE]; Sulzbachtalstrasse 38, D-66280 Sulzbach (DE).

(74) **GREIBER, K., Dieter** et al. / etc.; John-F-Kennedy-Strasse 4, D-65189 Wiesbaden (DE).

(81) CA KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

(51)[7] **C03B**

(11) **WO 00/71478** (13) A2

(21) PCT/MX00/00022

(22) **24 May/mai 2000 (24.05.2000)**

(25) es (26) es

(30) 994780 **24 May/mai 1999** MX **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR PRODUCING INTERNALLY DIVIDED CONTAINERS, BOTTLES, GLASSES AND THE LIKE AND BIFURCATED STRAWS AND RESULTING PRODUCTS
• PROCEDES DE FABRICATION D'EMBALLAGES, DE FLACONS, DE VERRES ET D'AUTRES ARTICLES SEMBLABLES DIVISES INTERIEUREMENT, TUBES BIFURQUES, ET PRODUITS OBTENUS

(71, 72) **PEREZ SAN VICENTE RUIZ, José Arturo** [MX/MX]; Jalapa 50, Colonia San Jerónimo Aculco, México, D.F. 10400 (MX).

(74) **HINOJOSA CUELLAR, José Francisco** et al. / etc.; Paseo de los Tamarindos 400-A 9° Piso, Bosques de las Lomas, México, D.F. 05120 (MX).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C03B 37/012**

(11) **WO 00/71479** (13) A1

(21) PCT/JP00/03309

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143125 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR MAINTAINING QUALITY OF PREFORM OF OPTICAL FIBER AND STORAGE METHOD
• PROCEDE DE MAINTIEN DE LA QUALITE D'UNE PREFORME DE FIBRE OPTIQUE ET PROCEDE DE CONSERVATION

(71) **THE FURUKAWA ELECTRIC CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOHMURA, Yukio** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **NAKA, Yasuhiro** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).

(74) **SATOH, Takahisa**; Sohshin International Patent Office, Miyaki Building, 4th floor, 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 111-0052 (JP).

(81) CN US.

---

(51)[7] **C03C 10/16, 3/11**

(11) **WO 00/71480** (13) A1

(21) PCT/CN00/00120

(22) **16 May/mai 2000 (16.05.2000)**

(25) zh (26) zh

(30) 99 1 14878.9 **21 May/mai 1999** CN **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A CRYSTALLIZED GLASS FOR THE SUBSTRATE OF RECORDING MEDIA AND ITS MOLDING PROCESS
• PLAQUE DE BASE D'ENREGISTREUR UTILISANT UN VERRE CRISTALLISE ET SON PROCEDE DE FABRICATION

(71, 72) **PENG, Bo** [CN/CN]; 2-9-3 GuoPei Building, NanFang Garden, Xie Tai Zi, ChongQing City, Si Chuan Province 430039 (CN).

(74) **CHINA PATENT AGENT (H.K.) LTD.**; 22/F Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong Special Administrative Region (CN).

(81) JP SG US.

---

(51)[7] **C03C 17/32, 17/34, C09K 3/18**

(11) **WO 00/71481** (13) A1

(21) PCT/FR00/01424

(22) **25 May/mai 2000 (25.05.2000)**

(25) fr (26) fr

(30) 99/06586 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSPARENT GLAZING AND USE THEREOF IN A CHILLING CHAMBER DOOR COMPRISING IN PARTICULAR A GLAZING UNDER VACUUM
• VITRAGE TRANSPARENT ET SON UTILISATION DANS UNE PORTE D'ENCEINTE REFRIGEREE COMPORTANT NOTAMMENT UN VITRAGE SOUS-VIDE

(71) **SAINT-GOBAIN VITRAGE** [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MESSERE, Rino** [BE/BE]; 32, rue du Bois Rosine, B-4577 Modave (BE). **HEBERT, Anne-Sophie** [FR/FR]; 15, rue de l'Oise, F-60200 Compiegne (FR). **FLORENTIN, Jean-Michel** [FR/FR]; Boîte postale 1, F-77260 La Ferte Sous Jouarre (FR).

(74) **LE CAM, Stéphane**; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C03C 17/34, C09K 9/00, G03C 1/725, G02B 1/10**

(11) **WO 00/71482** (13) A1

(21) PCT/JP00/03356

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/145485 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHOTOCHROMIC GLASS AND METHOD FOR PREPARATION THEREOF
• VERRE PHOTOCHROME ET PROCEDE DE PREPARATION

(71) **ASAHI GLASS COMPANY, LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TOMONAGA, Hiroyuki** [JP/JP]; Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **MORIMOTO, Takeshi** [JP/JP]; Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **MATSUMOTO, Taki** [JP/JP]; Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).

(74) **SENMYO, Kenji** et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushita-cho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C04B 18/02, 40/00, B01J 2/14**

(11) **WO 00/71483** (13) A1

(21) PCT/NL00/00346

(22) **19 May/mai 2000 (19.05.2000)**

(25) nl (26) en

(30) 1012123 **21 May/mai 1999** NL **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD AND DEVICE FOR MANUFACTURING A PELLET-LIKE HALF-PRODUCT SUITABLE AS ADDITIVE TO A CONCRETE MIXTURE
• PROCEDE ET DISPOSITIF DE FABRICATION D'UN PRODUIT SEMI-FINI DE TYPE GRANULE POUVANT ETRE UTILISE EN TANT QU'ADDITIF DANS UN MELANGE DE BETON

(71) **B.V. GRINT- EN ZANDEXPLOITATIE MAATSCHAPPIJ V/H GEBRS. SMALS** [NL/NL]; Merumerkerkweg 1, NL-6049 BX Herten (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOUWENHOVEN, Hendrikus, Antonius, Petrus** [NL/NL]; Schaduwrijk 6, NL-3454 TR De Meern (NL). **HAPPEL, Annelies, Johanna, Elisabeth** [NL/NL]; Bereklauw 175, NL-5432 AT Cuijk (NL).

(74) **HOORWEG, Petrus, Nicolaas**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C04B 28/02, 14/42 // 111:34**

(11) **WO 00/71484** (13) A1

(21) PCT/US00/14158

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/136,036 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF E-GLASS FIBERS TO REDUCE PLASTIC SHRINKAGE CRACKS IN CONCRETE
• UTILISATION DE FIBRES DE VERRE E POUR REDUIRE LES FISSURES DE RETRAIT PLASTIQUE DANS LE BETON

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44411 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VELPARI, Vedagiri** [US/US]; 230 Old Haymaker Road, Monroeville, PA 15146 (US).

(74) **SIMINERIO, Andrew, C.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C04B 41/48**

(11) **WO 00/71485** (13) A1

(21) PCT/EP00/04544

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 718.2 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBSTANCE MIXTURE FOR PRESERVING ROCKS AND PLASTERS CONTAINING LIME OR CEMENT, AS WELL AS CEMENT-BONDED STONES
• MELANGE DE MATIERES POUR LA CONSERVATION DE ROCHES, DE CREPIS CONTENANT DE LA CHAUX OU DU CIMENT ET DE PIERRES LIEES PAR DU CIMENT

(71, 72) **PETRY, Michael** [DE/DE]; Lothringer Strasse 84, D-52070 Aachen (DE).

(74) **KÖNIG, Reimar** et al. / etc.; Lohengrinstrasse 11, D-40549 Düsseldorf (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C05B 7/00**

(11) **WO 00/71486** (13) A1

(21) PCT/US00/13654

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,017 **20 May/mai 1999** US **(20.05.1999)**

(30) 60/193,103 **30 Mar/mar 2000** US **(30.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SOLID-PHASE PHOSPHORUS BUFFER FOR SUSTAINED, LOW-LEACHING PHOSPHORUS FERTILIZATION OF FIELD-GROWN PLANTS
• TAMPON PHOSPHOREUX EN PHASE SOLIDE POUR LA FERTILISATION EN CONTINUE ET A FAIBLE LIXIVATION DE PLANTES AGRAIRES

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LYNCH, Jonathan, P.** [US/US]; 202 Teaberry Circle, State College, PA 16803 (US). **BROWN, Kathleen, M.** [US/US]; 202 Teaberry Circle, State College, PA 16803 (US). **SNYDER, Robert, H.** [US/US]; P.O. Box 603, Howard, PA 16841 (US).

(74) **MONAHAN, Thomas, J.**; Intellectual Property Office, 113 Technology Center, University Park, PA 16802-7000 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C05C 9/00, C07C 273/00**

(11) **WO 00/71487** (13) A1

(21) PCT/US00/13821

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/318,230 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UREA PROCESSING AGENT
• AGENT DE TRAITEMENT D'UREE

(71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(72) **GRUBER, Karen, A.**; 244 Regina Avenue, Hamilton, NJ 08619 (US). **MAMUN, Shireen, A.**; 34 Pemberton Lane, East Windsor, NJ 08520 (US).

(74) **MILLER, Stephen, I.** et al. / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **C05C 9/02**

(11) **WO 00/71488** (13) A1

(21) PCT/DE00/01561

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 525.2 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING A UREA-FORMALDEHYDE FERTILIZER
• PROCEDE DE PRODUCTION D'UN ENGRAIS D'UREE-FORMALDEHYDE

(71) **SAAR ENERGIE GMBH** [DE/DE]; St. Johanner Straße 101-103, D-66115 Saarbrücken (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHNEIDER, Detlef** [DE/DE]; Wannbornstrasse 3, D-66125 Dudweiler (DE). **PLANTA, Ulrike** [DE/FR]; 2A, rue de Remsing, F-57600 Forbach (FR). **LITZENBURGER, Klaus** [DE/DE]; Allmendstrasse 1, D-66440 Blieskastel-Niederwürzbach (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE

KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C05F 11/02**

(11) **WO 00/71489** (13) A1

(21) PCT/RU00/00205

(22) **23 May/mai 2000 (23.05.2000)**

(25) ru (26) ru

(30) 99110858 **25 May/mai 1999** RU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING ORGANIC-INORGANIC HUMIC FERTILISERS
• PROCEDE DE PRODUCTION D'ENGRAIS HUMIQUES ORGANIQUES ET MINERAUX

(71) **AKTSIONERNOE OBSCHESTVO ZAKRYTOGO TIPA "BALTKONVERSIYA" (AOZT "BALTKONVERSIYA")** [RU/RU]; ul. Marshala Govorova, 27, St.Petersburg, 198095 (RU).

(72) **NOVITSKY, Ary Alexandrovich**; Maly pr. V.O., 27-8, St.Petersburg, 199161 (RU). **MITROFANOV, Vladimir Pavlovich**; Dunaisky pr., 3-2-15, St.Petersburg, 192286 (RU). **KIRILENKO, Irina Vladimirovna**; Krasnoselskoe shosse, 19-41, Pushkin, St.Petersburg, 189620 (RU).

(74) **SHAKUNOVA, Nina Evstafievna**; a/ya 170, St.Petersburg, 192242 (RU).

(81) CA CN CZ SK.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C06C 5/08, C06B 21/00**

(11) **WO 00/71490** (13) A1

(21) PCT/US99/11438

(22) **24 May/mai 1999 (24.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF MANUFACTURING AN EXPLOSIVE CARRIER MATERIAL, AND ARTICLES CONTAINING THE SAME
• PROCEDE DE FABRICATION D'UNE MATIERE DE SUPPORT POUR EXPLOSIFS ET PRODUITS CONTENANT CETTE DERNIERE

(71) **THE ENSIGN-BICKFORD COMPANY** [US/US]; 660 Hopmeadow Street, P.O. Box 483, Simsbury, CT 06070-0483 (US).

(72) **BAYLISS, James**; 121A New Britain Avenue, Unionville, CT 06085 (US).

(74) **LIBERT, Victor, E.** et al. / etc.; Law Office of Victor E. Libert, 3 Mill Pond Lane, P.O. Box 538, Simsbury, CT 06070-0538 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **C06D 5/00, B60R 21/26**

(11) **WO 00/71491** (13) A1

(21) PCT/JP99/02724

(22) **24 May/mai 1999 (24.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GAS GENERATOR COMPOSITION
• COMPOSITION GENERATRICE DE GAZ

(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) **IKEDA, Kenjiro** [JP/JP]; Himeji Factory of Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). **SATO, Eishi** [JP/JP]; Himeji Factory of Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). **IWASAKI, Makoto** [JP/JP]; Himeji Factory of Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). **KUBO, Dairi** [JP/JP]; Himeji Factory of Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). **YOSHIKAWA, Eiichiro** [JP/JP]; Kobe Corporate Research Laboratories in Kobe Steel, Ltd., 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). **MINOGUCHI, Ryo** [JP/JP]; 1-401, Shinonotsubo 1379, Mikageaza, Mikage-cho, Higashinada-ku, Kobe-shi, Hyogo 658-0056 (JP).

(74) **KAJI, Yoshiyuki**; Recruit Shin Osaka Building, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07B 39/00**

(11) **WO 00/71492** (13) A1

(21) PCT/IB00/00664

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 99/3445 **20 May/mai 1999** ZA **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUORINATION
• FLUORATION

(71, 72) **VAN DER WESTHUIZEN, Driekus** [ZA/ZA]; 94 Blinkblaar Avenue, Wonderboom, 0182 Pretoria (ZA).

(72) **VENTER, Petrus, Johannes**; 92 Chatterson Drive, Ancaster, Ontario L9G 3X2 (CA).

(74) **SCHWEIZER, Adrian, Victor, van Reenen**; Adams & Adams Pretoria Office, Adams & Adams Place, 1140 Prospect Street, PO Box 1014, Hatfield, 0083 Pretoria (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C**

(11) **WO 00/71493** (13) A2

(21) PCT/US00/14138

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,820 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR Xa

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US). **SU, Ting**; 3222 Upper Lock Avenue, Belmont, CA 94002 (US). **ZHAOZHANG, Jon, Jia**; 849 West Orange Avenue, #2007, South San Francisco, CA 94080 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US). **SONG, Yonghong**; 1144 Nimitz Lane, Foster City, CA 94404 (US).

(74) **MORGAN, LEWIS & BOCKIUS LLP**; 1800 M Street, N.W., Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 7/10, 7/11, C10G 1/04, 21/00, 21/02, 21/04, 21/06, 21/12, 21/14, 21/16, 21/20, 21/27, 21/28, 17/00, 17/02, 17/04**

(11) **WO 00/71494** (13) A1

(21) PCT/US00/14128

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,611 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR ENHANCING THE VALUE OF HYDROCARBONACEOUS NATURAL RESOURCES
• PROCEDE D'AMELIORATION DE LA VALEUR DES RESSOURCES NATURELLES D'HYDROCARBURES

(71) **JAMES W. BUNGER AND ASSOCIATES, INC.** [US/US]; 2207 West Alexander Street, P.O. Box 520037, Salt Lake City, UT 84152-0037 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BUNGER, James, W.** [US/US]; 1131 Iris Lane, Salt Lake City, UT 84106 (US). **COGSWELL, Donald, E.** [US/US]; 6652 South Cupecopy Drive, Salt Lake City, UT 84121 (US).

(74) **SONNTAG, James, L.**; P.O. Box 21, Heber City, UT 84032-0021 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(b)*

---

(51)[7] **C07C 17/14, 22/04, 41/22**

(11) **WO 00/71495** (13) A1

(21) PCT/GB00/00246

(22) **28 Jan/jan 2000 (28.01.2000)**

(25) en (26) en

(30) 09/314,298 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CHLORINATING SIDE CHAINS OF AROMATIC COMPOUNDS
• CHLORATION DE CHAINES LATERALES DE COMPOSES AROMATIQUES

(71) **OCCIDENTAL CHEMICAL CORPORATION** [US/US]; Occidental Tower, 5005 LBJ Freeway, Dallas, TX 75224-6119 (US).

(71) **STEPHENS, Dinah** [GB/US]; Occidental Chemical Corporation, Intellectual Property Dept., Occidental Tower, 5005 LBJ Freeway, Dallas, TX 75244-6119 (US).
*(only for / seulement pour IS)*

(72) **CZUPSKI, Leonard, Matthew**; 262 Wyeth Drive, Getzville, NY 14068 (US). **RHODES, Charles, Duncan**; 952 Elliott Drive, Lewiston, NY 14092 (US). **BUSHEY, George, Joseph**; 170 Patricia Drive, Tonawanda, NY 14150 (US). **LINDROSE, Mark, Edward**; 10 Granger Place, Buffalo, NY 14222 (US).

(74) **FRANKLAND, Nigel, H.**; Forrester Ketley & Co., Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 17/20, 19/08**

(11) **WO 00/71496** (13) A1

(21) PCT/FR00/01380

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06469 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR MAKING 1,1-DIFLUOROETHANE
• PROCEDE DE FABRICATION DU 1,1-DIFLUOROETHANE

(71) **ATOFINA** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BONNET, Philippe** [FR/FR]; 12, rue Capitaine Cluzan, F-69007 Lyon (FR).

(74) **NEEL, Henry**; Atofina, Département Propriété Industrielle, Cours Michelet, La Défense 10, F-92091 Paris La Défense Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 23/08, H01L 21/205, 21/302, C23C 16/50**

(11) **WO 00/71497** (13) A1

(21) PCT/JP00/03308

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143562 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GAS FOR PLASMA REACTION AND METHOD FOR PRODUCTION THEREOF
• GAZ DESTINE A UNE REACTION AU PLASMA ET PROCEDE DE PRODUCTION ASSOCIE

(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) **HIRAYAMA, Toshinobu** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **YAMADA, Toshiro** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **SUGIMOTO, Tatsuya** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **SUGAWARA, Mitsuru** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP).

(74) **UCHIDA, Yukio**; Uchida & Associates, Sunny Port Shiba 1005, 5-10, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07C 69/76**

(11) **WO 00/71498** (13) A1

(21) PCT/US00/12740

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 60/135,054 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED PROCESS FOR AZOLE ANTIFUNGAL INTERMEDIATE
• PROCÉDÉ AMÉLIORÉ RELATIF À UN INTERMÉDIAIRE ANTIFONGIQUE D'AZOLE

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) **YANG, Wangying**; 1 Serina Drive, Plainsboro, NJ 08536 (US). **WANG, Xuebao**; 27 Ainsworth Avenue, East Brunswick, NJ 08816 (US). **BHATTACHARYA, Apurba**; 301 Cape Aron, Corpus Christi, TX 78412 (US). **CHAU, Melissa**; 1022 Avenue Y, Brooklyn, NY 11235 (US).

(74) **MORSE, David, M.**; Bristol-Myers Squibb Company, 5 Research Parkway, Wallingford, CT 06492 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07C 229/76, 227/00**

(11) **WO 00/71499** (13) A1

(21) PCT/JP00/03246

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/145235 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIAMMONIUM RUTHENIUM DIETHYLENETRIAMINEPENTAACETATE OR HYDRATES THEREOF AND PROCESS FOR THE PREPARATION OF BOTH
• DIETHYLENETRIAMINEPENTA-ACETATES DE DIAMMONIUM-RUTHENIUM OU HYDRATES DE CES COMPOSES ET LEUR MODE D'ELABORATION

(71) **CHUBU CHELEST CO., LTD.** [JP/JP]; 2-7-1102, Asahimachi 1-chome, Abeno-ku, Osaka-shi, Osaka 545-0051 (JP). **CHELEST CORPORATION** [JP/JP]; 2-7-1102, Asahimachi 1-chome, Abeno-ku, Osaka-shi, Osaka 545-0051 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAMBU, Nobuyoshi** [JP/JP]; Yokkaichi Works in Chubu Chelest Co., Ltd., 3-3, Hinagahigashi 3-chome, Yokkaichi-shi, Mie 510-0886 (JP). **NAKAMURA, Atsushi** [JP/JP]; Yokkaichi Works in Chubu Chelest Co., Ltd., 3-3, Hinagahigashi 3-chome, Yokkaichi-shi, Mie 510-0886 (JP). **ITO, Hiroshi** [JP/JP]; Chelest Corporation, 2-7-1102, Asahimachi 1-chome, Abeno-ku, Osaka-shi, Osaka 545-0051 (JP).

(74) **KOTANI, Etsuji** et al. / etc.; Sumisei Naniwasuji Honmachi Building, 3-2, Utsubohonmachi 2-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07C 233/15, 233/09, 57/42, 233/20, 259/06, 233/52, 233/47, 69/003, 233/54, 251/66, 259/08, C07D 295/16, 213/40, 213/75, 213/61**

(11) **WO 00/71500** (13) A1

(21) PCT/EP00/04102

(22) **8 May/mai 2000 (08.05.2000)**

(25) de (26) de

(30) 199 22 934.1 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HALOGEN COMPOUNDS
• COMPOSES HALOGENE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ARLT, Dieter** [DE/DE]; Papenhauser Str. 10, D-32657 Lemgo (DE). **HENDRIX, Martin** [DE/DE]; Wolfskaul 8, D-51061 Köln (DE). **ELBE, Hans-Ludwig** [DE/DE]; Dasnöckel 59, D-42329 Wuppertal (DE). **HÄNSSLER, Gerd** [DE/DE]; Am Arenzberg 58 A, D-51381 Leverkusen (DE). **KUCK, Karl-Heinz** [DE/DE]; Pastor-Löh-Str. 30a, D-40764 Langenfeld (DE). **ERDELEN, Christoph** [DE/DE]; Unterbüscherhof 15, D-42799 Leichlingen (DE). **SAWADA, Haruko** [JP/JP]; 848-4 Odabayashi, Yuki-shi, Ibaraki 307-0007 (JP).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07C 239/20, C07F 9/40, C07D 251/32, C08F 4/00**

(11) **WO 00/71501** (13) A1

(21) PCT/FR00/01287

(22) **12 May/mai 2000 (12.05.2000)**

(25) fr (26) fr

(30) 99/06329 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYALCOXYAMINES OBTAINED FROM β-SUBSTITUTED NITROXIDES
• POLYALCOXYAMINES ISSUES DE NITROXYDES β-SUBSTITUES

(71) **ATOFINA** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GUERRET, Olivier** [FR/FR]; 26, allée des Chênes, F-69280 Marcy l'Etoile (FR). **COUTURIER, Jean-Luc** [FR/FR]; 26, rue du Lieutenant-Colonel Prévost, F-69006 Lyon (FR). **LUTZ, Jean-François** [FR/FR]; 9, rue Sainte-Croix, F-34000 Montpellier (FR). **LE MERCIER, Christophe** [FR/FR]; 8, rue de la Chartreuse, F-13004 Marseille (FR). **ROBIN, Sophie** [FR/FR]; Résidence Saint-Michel, Appartement 324 - Bâtiment D, 215, rue F. Cevene, F-33400 Talence (FR). **VUILLEMIN, Bruno** [FR/FR]; Résidence Louisiane, Appartement 7, 2, rue Saint-Exupéry, F-64140 Billere (FR).

(74) **POISSON, Pierre**; Atofina, DCRD/DPI, Cours Michelet, La Défense 10, F-92091 Paris La Défense Cedex (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 243/34, C07D 219/06, 219/08, 471/04, 471/14, A61K 31/167, 31/437, 31/4375, 31/473, A61P 1/18, 3/04, 3/06, 9/10**

(11) **WO 00/71502** (13) A1

(21) PCT/JP00/03289

(22) **23 May/mai 2000 (23.05.2000)**

(25) ja (26) ja

(30) 11/144617 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDRAZIDE DERIVATIVES
• DERIVES D'HYDRAZIDE

(71) **YAMANOUCHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SUGA, Akira** [JP/JP]; Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **IMANISHI, Naoki** [JP/JP]; Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **KUBOTA, Hideki** [JP/JP]; Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **MIURA, Masanori** [JP/JP]; Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **UMEMOTO, Kenji** [JP/JP]; Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **MORITANI, Hiroshi** [JP/JP]; Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **MATSUDA, Koyo** [JP/JP]; Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).

(74) **NAGAI, Shozo** et al. / etc.; Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 243/34**

(11) **WO 00/71503** (13) A1

(21) PCT/US00/11124

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) en (26) en

(30) 09/317,398 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • 4-CYANO-3-HYDROXY BUTANOYL HYDRAZINES, DERIVATIVES AND PROCESS FOR THE PREPARATION THEREOF
• DERIVES DE 4-CYANO-3-HYDROXY BUTANOYL, HYDRAZINES ET PROCESSUS DE PREPARATION DE CEUX-CI

(71) **MICHIGAN STATE UNIVERSITY** [US/US]; 238 Administration Building, East Lansing, MI 48824 (US).

(72) **HOLLINGSWORTH, Rawle, I.**; 1222 Woodwind Trail, Haslett, MI 48840 (US). **WANG, Guijun**; 1420 Haslett Road, Apt. 321, East Lansing, MI 48823 (US).

(74) **MCLEOD, Ian, C.**; 2190 Commons Parkway, Okemos, MI 48864 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 249/00, 251/48, C07D 239/34**

(11) **WO 00/71504** (13) A1

(21) PCT/EP00/04300

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 23 624.0 **25 May/mai 1999** DE **(25.05.1999)**

(30) 100 00 733.3 **11 Jan/jan 2000** DE **(11.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF PRODUCING METHOXYIMINO ACETIC AMIDE
• PROCEDES DE PREPARATION D'AMIDES D'ACIDE ACETIQUE METHOXYIMINO

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GAYER, Herbert** [AT/DE]; Sandstr. 66, D-40789 Monheim (DE). **GALLENKAMP, Bernd** [DE/DE]; Paul-Ehrlich-Str. 13, D-42133 Wuppertal (DE). **GERDES, Peter** [DE/DE]; Waldstr. 75, D-52080 Aachen (DE). **HEINEMANN, Ulrich** [DE/DE]; Am Sonnenhang 1, D-42799 Leichlingen (DE). **HÜBSCH, Walter** [DE/DE]; Wildsteig 22, D-42113 Wuppertal (DE). **KRÜGER, Bernd-Wieland** [DE/DE]; Am Vorend 52, D-51467 Bergisch Gladbach (DE). **MAURER, Fritz** [DE/DE]; Brahmsstr. 36, D-40789 Monheim (DE). **WEINTRITT, Holger** [DE/DE]; Louviciennestr. 91, D-40764 Langenfeld (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 271/12, C08F 20/28**

(11) **WO 00/71505** (13) A1

(21) PCT/US00/12982

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/316,591 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MONOMER AND POLYMERIZATION PROCESS
• MONOMERE ET PROCEDE DE POLYMERISATION

(71) **BASF CORPORATION** [US/US]; Golota, Mary, Patent Dept., 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OHRBOM, Walter** [US/US]; 13938 Plover, Hartland Township, MI 48353 (US). **HERREL, Patricia** [US/US]; 13938 Plover, Hartland Township, MI 48353 (US).

(74) **GOLOTA, Mary** et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 309/00**

(11) **WO 00/71506** (13) A2

(21) PCT/US00/14644

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,128 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL NAPHTHALENE UREAS AS GLUCOSE UPTAKE ENHANCERS
• NOUVELLES NAPHTALENE UREES UTILES EN TANT QU'ACTIVATEURS DE L'ABSORPTION DU GLUCOSE

(71) **TELIK, INC.** [US/US]; 750 Gateway Boulevard, South San Francisco, CA 94080 (US).

(72) **SPEVAK, Wayne**; 555 Pierce Street #1533D, Albany, CA 94706 (US). **LUM, Robert, T.**; 781 Barron Avenue, Palo Alto, CA 94306 (US). **SHI, Songyuan**; 11 Village Drive #14, Belmont, CA 94002 (US). **MANCHEM, Prasad**; 849 West Orange Avenue #3025, South San Francisco, CA 94080 (US). **KOZLOWSKI, Michael, R.**; 1634 Edgewood Drive, Palo Alto, CA 94303 (US). **SCHOW, Steven, R.**; 127 Mendocino Way, Redwood Shores, CA 94065 (US).

(74) **VON MORZE, Herwig** et al. / etc.; Heller Ehrman White & McAuliffe, Suite 1100, 525 University Avenue, Palo Alto, CA 94301-1900 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 311/00**

(11) **WO 00/71507** (13) A2

(21) PCT/US00/14196

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,820 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR XA

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US). **SU, Ting**; 3222 Upper Lock Avenue, Belmont, CA 94002 (US). **ZHAOZHONG, Jon Jia**; 849 West Orange Avenue, #2007, South San Francisco, CA 94080 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US). **SONG, Yonghong**; 1144 Nimitz Lane, Foster City, CA 94404 (US).

(74) **MORGAN, LEWIS & BOCKIUS LLP**; 1800 M Street, NW, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 311/16, C07D 213/40, 333/20, 217/22, 401/12, A61K 31/18, 31/33, A61P 7/02**

(11) **WO 00/71508** (13) A2

(21) PCT/US00/14208

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,849 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR XA

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US). **ZHANG, Penglie**; 224 Serrano Drive, South San Francisco, CA 94132 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US).

(74) **LEE, Christine, S.**; Morgan, Lewis & Bockius LLP, 1800 M. Street, N.W., Washington, DC 20036-5869 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 311/46, A61K 31/18, A61P 7/02**

(11) **WO 00/71509** (13) A1

(21) PCT/US00/14194

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,819 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR Xa

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **SONG, Yonghong**; 1144 Nimitz Lane, Foster City, CA 94404 (US). **CLIZBE, Lane**; 392 Newcastle Drive, Redwood City, CA 94061 (US). **MARLOWE, Charles**; 636 California Way, Redwood City, CA 94080 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US). **SU, Ting**; 3222 Upper Lock Avenue, Belmont, CA 94002 (US). **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US).

(74) **MORGAN, LEWIS & BOCKIUS LLP**; 1800 M Street, NW, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07C 311/46, C07D 213/74, 295/18, 207/16, 205/04, 207/22, 295/26, 295/22, 233/68, 207/32, 231/12, 217/22, A61K 31/18, 31/33, A61P 7/02**

(11) **WO 00/71510** (13) A2

(21) PCT/US00/14195

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,849 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR Xa

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **SU, Ting**; 3222 Upper Lock Avenue, Belmont, CA 94002 (US). **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US). **KANE-MAGUIRE, Kim**; 3425 Lodge Drive, Belmont, CA 94002 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US). **ZHANG, Penglie**; 224 Serrano Drive, South San Francisco, CA 94132 (US).

(74) **LEE, Christine, S.**; Morgan, Lewis & Bockius LLP, 1800 M. Street, N.W., Washington, DC 20036-5869 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 311/46, C07D 213/74, A61K 31/18, 31/277, 31/501, A61P 7/02**

(11) **WO 00/71511** (13) A2

(21) PCT/US00/14205

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,849 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR Xa

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **SU, Ting**; 3222 Upper Lock Avenue, Belmont, CA 94002 (US). **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US). **KANE-MAGUIRE, Kim**; 3425 Lodge Drive, Belmont, CA 94002 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US). **ZHANG, Penglie**; 224 Serrano Drive, South San Francisco, CA 94132 (US).

(74) **LEE, Christine, S.**; MORGAN, LEWIS & BOCKIUS L.L.P., 1800 M. Street, N.W., Washington, DC 20036-5869 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07C 311/46, A61K 31/18, A61P 7/02**

(11) **WO 00/71512** (13) A1

(21) PCT/US00/14207

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,819 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR XA

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **SONG, Yonghong**; 1144 Nimitz Lane, Foster City, CA 94404 (US). **CLIZBE, Lane**; 392 Newcastle Drive, Redwood City, CA 94061 (US). **MARLOWE, Charles**; 636 California Way, Redwood City, CA 94080 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US). **SU, Ting**; 3222 Upper Lock Avenue, Belmont, CA 94002 (US). **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US). **KANTER, James**; 132 Rosaflora Circle, South San Francisco, CA 94080 (US).

(74) **MORGAN, LEWIS & BOCKIUS LLP**; 1800 M Street, NW, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07C 311/58, 335/42, 311/53, C07D 307/52, A61K 31/18, 31/64**

(11) **WO 00/71513** (13) A1

(21) PCT/EP00/04091

(22) **6 May/mai 2000 (06.05.2000)**

(25) en (26) en

(30) 199 23 086.2 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CINNAMOYLAMINOALKYL-SUBSTITUTED BENZENESULFONAMIDE DERIVATIVES
• DERIVES DE BENZENESULFONAMIDE SUBSTITUES PAR UN CINNAMOYLAMINOALKYLE

(71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt (DE).

(72) **HEITSCH, Holger**; Castellumstrasse 52, D-55252 Mainz-Kastel (DE). **ENGLERT, Heinrich, Christian**; Stormstrasse 13, D-65719 Hofheim (DE). **WIRTH, Klaus**; Robert-Schumann-Ring 104, D-65830 Kriftel (DE). **GÖGELEIN, Heinz**; Alois-Eckert-Strasse 31, D-60528 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07C 317/48, 317/50, 323/65, C07D 211/62, 213/56, 213/81, 213/82, 215/50, 295/15, 307/68, 317/58, C07K 5/062, A61K 31/10, A61P 7/00, 11/00**

(11) **WO 00/71514** (13) A1

(21) PCT/US00/09807

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,996 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • $G(A)-AMINO-$G(B)-SULFONYL HYDROXAMIC ACID COMPOUNDS
• COMPOSES ACIDES $G(A)-AMINO-$G(B)-SULFONYLE HYDROXAMIQUES

(71) **G.D. SEARLE & CO.** [US/US]; Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARTA, Thomas, E.** [US/US]; 1133 Maple Avenue, 3W, Evanston, IL 60202 (US). **BECKER, Daniel, P.** [US/US]; 1800 Maplewood Lane, Glenview, IL 60025 (US). **BEDELL, Louis, J.** [US/US]; 1832 E. Camp McDonald Road, Mt. Prospect, IL 60056 (US). **DE CRESCENZO, Gary, A.** [US/US]; 7345 Spruce Hill Court, St. Charles, MO 63304 (US). **FRESKOS, John, N.** [US/US]; 7572 York, Clayton, MO 63105 (US). **GETMAN, Daniel, P.** [US/US]; 66 Sunny Hill Court, Chesterfield, MO 63017 (US). **HEINTZ, Robert, M.** [US/US]; 603 Nancy Place, Ballwin, MO 63021 (US). **HOCKERMAN, Susan, L.** [US/US]; 5318 W. Hutchinson, Chicago, IL 60641 (US). **LI, Hui** [US/US]; 322 Jefferson Court, Vernon Hills, MO 60061 (US). **MISCHKE, Brent, V.** [US/US]; 25 White River Lane, Defiance, MO 63341 (US). **VILLAMIL, Clara, I.** [US/US]; 813 Long Road, Glenview, IL 60025 (US).

(74) **WILLIAMS, Roger, A.** et al. / etc.; G.D. Searle & Co., Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680-5110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 207/00**

(11) **WO 00/71515** (13) A2

(21) PCT/US00/14193

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,838 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR Xa

(71) **COR THERAPEUTICS, INC** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US).

(74) **MORGAN, LEWIS & BOCKIUS LLP**; Lee, Christine, S., 1800 M. Street, N.W., Washington, DC 20036-5869 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 207/00**

(11) **WO 00/71516** (13) A2

(21) PCT/US00/14209

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,838 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR Xa

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **ZHU, Bing-Yan**; 3325 Adelaide Way, Belmont, CA 94002 (US). **SCARBOROUGH, Robert, M.**; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US). **WANG, Lingyan**; 224 Brentwood Drive, South San Francisco, CA 94080 (US).

(74) **LEE, Christine, S.**; Morgan, Lewis & Bockius LLP, 1800 M. Street, N.W., Washington, DC 20036-5869 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 209/42, 207/36, 233/96, 263/22, 307/33, 307/46, 401/12, 401/14, 405/12, 405/14, 407/12, 409/12, 409/14, 413/12, 413/14, 417/12, 417/14, 491/107, A61K 31/404, 31/4166, 31/421, 31/438, 31/4525, 31/453, 31/4535, 31/454, 31/496, 31/5377, A61P 25/24, 43/00, 25/00, 9/00, 1/00**

(11) **WO 00/71517** (13) A1

(21) PCT/JP00/03279

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/142750 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/166160 **14 Jun/juin 1999** JP **(14.06.1999)**

(30) 11/277384 **29 Sep/sep 1999** JP **(29.09.1999)**

(30) 2000/18080 **25 Jan/jan 2000** JP **(25.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHENOXYPROPYLAMINE COMPOUNDS
• COMPOSE DE PHENOXYPROPYLAMINE

(71) **WELFIDE CORPORATION** [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) **NISHIYAMA, Akira** [JP/JP]; Welfide Corporation, Research Laboratories, 7-25, Koyata 3-chome, Iruma-shi, Saitama 358-0026 (JP). **BOUGAUCHI, Masahiro** [JP/JP]; Welfide Corporation, Research Laboratories, 7-25, Koyata 3-chome, Iruma-shi, Saitama 358-0026 (JP). **KUROITA, Takanobu** [JP/JP]; Welfide Corporation, Research Laboratories, 25-1, Shodaiohtani 2-chome, Hirakata-shi, Osaka 573-1153 (JP). **MINOGUCHI, Masanori** [JP/JP]; Welfide Corporation, Research Laboratories, 7-25, Koyata 3-chome, Iruma-shi, Saitama 358-0026 (JP). **MORIO, Yasunori** [JP/JP]; Welfide Corporation, Research Laboratories, 7-25, Koyata 3-chome, Iruma-shi, Saitama 358-0026 (JP). **KANZAKI, Kouji** [JP/JP]; Welfide Corporation, Research Laboratories, 25-1, Shodaiohtani 2-chome, Hirakata-shi, Osaka 573-1153 (JP).

(74) **TAKASHIMA, Hajime**; Yuki Bldg., 3-9, Hiranomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 211/00**

(11) **WO 00/71518** (13) A2

(21) PCT/US00/14579

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,721 **25 May/mai 1999** US **(25.05.1999)**

(30) 60/168,979 **3 Dec/déc 1999** US **(03.12.1999)**

(30) 60/195,809 **11 Apr/avr 2000** US **(11.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HETEROCYCLIC ANALGESIC COMPOUNDS AND METHODS OF USE THEREOF
• COMPOSES HETEROCYCLIQUES ANALGESIQUES ET PROCEDES D'UTILISATION DE CES DERNIERS

(71) **SEPRACOR, INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US).

(72) **CUNY, Gregory, D.**; 100 Tower Street #210, Hudson, MA 01749 (US). **SHAO, Liming**; 158 South Great Road, Lincoln, MA 01773 (US). **HAUSKE, James, R.**; 41 Lowell Road, Concord, MA 01742 (US). **HEFFERNAN, Michele, L., R.**; 1500 Worcester Road, #303E, Framingham, MA 01702 (US). **AQUILA, Brian, M.**; Apartment 4, 36 Royal Crest Drive, Marlborough, MA 01752 (US). **WU, Xinhe**; Apartment 1, One Royal Crest Drive, Marlborough, MA 01752 (US). **WANG, Fengjian**; 6 Edmunds Way, Northborough, MA 01532 (US). **BANNISTER, Thomas, D.**; 112 Green Street, Northborough, MA 01532 (US).

(74) **VINCENT, Matthew, P.** et al. / etc.; Patent Group, Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 211/00**

(11) **WO 00/71519** (13) A2

(21) PCT/US00/06710

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/135,338 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMMUNOPOTENTIATOR AGENTS
• AGENTS IMMUNOSTIMULANTS

(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) **CREEMER, Lawrence, Camillo** [US/US]; 1763 North James Boulevard, Greenfield, IN 46140 (US). **HERRING, Janice, Rhea** [US/US]; 3206 Ivory Way, Indianapolis, IN 46227 (US). **MCGRUDER, Edward, Deorsey** [US/US]; 13271 Red Hawk Drive, Fishers, IN 46038 (US).

(74) **DEMETER, John, C.** et al. / etc.; Eli Lilly And Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 213/65, 213/70, C07C 205/06, 211/46, 211/48, C07D 317/64, A61P 25/00, A61K 31/44**

(11) **WO 00/71520** (13) A2

(21) PCT/US00/11256

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/317,327 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/327,149 **7 Jun/juin 1999** US **(07.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS FOR USE
• COMPOSITIONS PHARMACEUTIQUES ET METHODES D'UTILISATION

(71) **TARGACEPT, INC.** [US/US]; P.O. Box 1487, Winston-Salem, NC 27102-1487 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DULL, Gary, Maurice** [US/US]; 6025 Shallowford Road, Lewisville, NC 27023 (US). **REICH, Erin, E.** [US/US]; 3510 Hillsboro Pike, Apt. #11, Nashville, TN 37215 (US). **WAGNER, Jared, Miller** [US/US]; 1912 West 9th, Stillwater, OK 74074 (US). **BHATTI, Balwinder, Singh** [US/US]; 2536 Polo Road, Winston-Salem, NC 27106 (US). **CONSILVIO, Michael, B.** [US/US]; 10401 Logan Drive, Potomac, MD 20854 (US).

(74) **SAJOVEC, F., Michael** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 225/02, 225/04, 313/06, 313/16**

(11) **WO 00/71521** (13) A1

(21) PCT/US00/13253

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/316,796 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A PROCESS FOR THE REDUCTION OF OXIRANYL EPOTHILONES TO OLEFINIC EPOTHILONES
• PROCEDE DE REDUCTION D'EPOTHILONES D'OXIRANYLE EN EPOTHILONES OLEFINIQUES

(71) **BRISTOL-MYERS SQUIBB CO.** [US/US]; P.O. Box 4000, Princeton, NJ 08543 (US).

(72) **KIM, Soong-Hoon**; 13126 East Run Drive, Lawrenceville, NJ 08648 (US). **JOHNSON, James, A.**; 40 Sturwood Way, Lawrenceville, NJ 08648 (US).

(74) **SWITZER, Joan, E.** et al. / etc.; Bristol-Myers Squibb Co., P.O. Box 4000, Princeton, NJ 08543 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 235/30, 401/12, 403/12, 405/12, 409/12, A61K 31/4184, 31/4709, A61P 31/04**

(11) **WO 00/71522** (13) A1

(21) PCT/EP00/04435

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 9911594.1 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BENZIMIDAZOLE DERIVATIVES AND THEIR USE AS METHIONYL T-RNA SYNTHETASE INHIBITORS
• DERIVES DE BENZIMIDAZOLE ET LEUR UTILISATION COMME INHIBITEURS DE LA METHIONYL-ARN-T SYNTHETASE

(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) **ELDER, John, Stephen** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **FORREST, Andrew, Keith** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **FRYDRYCH, Catherine, Simone, Victoire** [BE/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **JARVEST, Richard, Lewis** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **CONNELL, Anthony, Christopher**; SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 239/54, 473/18, A61K 31/505, A61P 31/04**

(11) **WO 00/71523** (13) A1

(21) PCT/US00/14307

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,647 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTIBIOTIC PRODRUGS
• PROMEDICAMENTS ANTIBIOTIQUES

(63) US 60/135,647 (CIP) 24 May/mai 1999 (24.05.1999)

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WRIGHT, George, E.** [US/US]; 298 Highland Street, Worcester, MA 01602 (US). **BROWN, Neal, C.** [US/US]; 335 Crawford Street, Northboro, MA 01532 (US). **ZHI, Chengxin** [CN/US]; 91 Alvarado Street, Apt. 3, Worcester, MA 01604 (US).

(74) **FASSE, J., Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 239/90, 239/88, 403/12, 495/04, 401/12, 405/12, 487/04, 471/04, A61K 31/4365, 31/517, 31/519, A61P 31/04**

(11) **WO 00/71524** (13) A1

(21) PCT/EP00/04436

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 9911596.6 **19 May/mai 1999** GB **(19.05.1999)**

(30) 9911595.8 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • 2-NH-PYRIDONES AND PYRIMIDONES AS MRS INHIBITORS
• 2-NH-PYRIDONES ET PYRIMIDONES UTILISEES COMME INHIBITEURS DE MRS

(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) **ARMSTRONG, Sula, Anne** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **BERGE, John, Michael** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **BROWN, Pamela** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **ELDER, John, Stephen** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **FORREST, Andrew, Keith** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **HAMPRECHT, Dieter, Wolfgang** [DE/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **JARVEST, Richard, Lewis** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **CONNELL, Anthony, Christopher**; SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 251/60**

(11) **WO 00/71525** (13) A1

(21) PCT/NL00/00277

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 99201597.4 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PREPARING MELAMINE
• PROCEDE DE PREPARATION DE LA MELAMINE

(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) **TJIOE, Tjay, Tjien** [NL/NL]; Hillenraedtstraat 7, NL-6136 BR Sittard (NL).

(74) **VAN BOKHOVEN, Petrus, Hubertus, Maria**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL

IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 257/02, A61K 49/00**

(11) **WO 00/71526** (13) A1

(21) PCT/FR00/01382

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06517 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GADOLINIUM COMPLEX TETRAMIDES AND USE IN MEDICAL IMAGING
• TETRAMIDES D'UN COMPLEXE DE GADOLINIUM ET APPLICATION EN IMAGERIE MEDICALE

(71) **GUERBET** [FR/FR]; 15, rue des Vanesses, F-93420 Villepinte (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROUSSEAUX, Olivier** [FR/FR]; 18, avenue du Val d'Aunette, F-60300 Senlis (FR). **SIMONOT, Christian** [FR/FR]; 43, rue Alphonse Penaud, F-75020 Paris (FR).

(74) **JACOBSON, Claude**; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 257/04, A01N 47/38**

(11) **WO 00/71527** (13) A1

(21) PCT/IB00/00588

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 11/141800 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TETRAZOLINONE DERIVATIVES
• DERIVES DE TETRAZOLINONE

(71) **NIHON BAYER AGROCHEM K.K.** [JP/JP]; 10-8, Takanawa 4-chome, Minato-ku, Tokyo 108 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WATANABE, Yukiyoshi** [JP/JP]; 2-8-24, Hanagaki-cho, Oyama-shi, Tochigi 323-0029 (JP). **GOTO, Toshio** [JP/JP]; 214-8, Koganei, Kokubunji-machi, Shimotsuga-gun, Tochigi 329-0414 (JP). **ITO, Seishi** [JP/JP]; 1-41-10, Ekihigashidori, Oyama-shi, Tochigi 323-0029 (JP). **UENO, Chieko** [JP/JP]; 7-2-1, Joto, Oyama-shi, Tochigi 323-0029 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 279/16, 417/12, A61K 31/5415, A61P 25/00, G01N 33/566**

(11) **WO 00/71528** (13) A1

(21) PCT/US00/14411

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,015 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • 4H-1,4-BENZOTHIAZINE-2-CARBOXAMIDES AND THEIR USE AS GABA BRAIN RECEPTOR LIGANDS
• 4H-1,4-BENZOTHIAZINE-2-CARBOXAMIDES ET LEUR UTILISATION EN TANT QUE LIGANDS DES RECEPTEURS CEREBRAUX GABA

(71) **NEUROGEN CORPORATION** [US/US]; 35 Northeast Industrial Road, Branford, CT 06405 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CAI, Guolin** [CN/US]; 38 Grey Lodge Drive, Guilford, CT 06437 (US). **LIU, Gang** [CN/US]; 491 Pesaro Street, Agoura, CA 91301 (US). **ALBAUGH, Pamela** [US/US]; 81 Long Hill Road, Clinton, CT 06413 (US).

(74) **SARUSSI, Steven, J.**; McDonnell Boehnen Hulbert & Berghoff, 32nd Floor, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 295/12, 295/08, 295/18, 207/09, A61K 31/40, 31/445, 31/495, A61P 37/06, C07D 211/46, 207/14, 207/08, 239/42, 233/61, C07C 237/34, 237/20**

(11) **WO 00/71529** (13) A1

(21) PCT/GB00/01943

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9901875-6 **25 May/mai 1999** SE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBSTITUTED PHENYL COMPOUNDS WITH IMMUNOSUPPRESSING ACTIVITY AND PHARMACEUTICAL COMPOSITIONS
• COMPOSES PHENYLE SUBSTITUES A ACTIVITE IMMUNOSUPPRESSEUR ET COMPOSITIONS PHARMACEUTIQUES

(71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FURBER, Mark** [GB/GB]; Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). **LUKER, Timothy, Jon** [GB/GB]; Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). **MORTIMORE, Michael, Paul** [GB/GB]; Vertex Pharmaceuticals (Europe) Ltd., 88 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB). **THORNE, Philip** [GB/GB]; Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). **MEGHANI, Premji** [GB/GB]; Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).

(74) **ASTRAZENECA**; Global Intellectual Property, P.O. Box 272, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 301/10**

(11) **WO 00/71530** (13) A1

(21) PCT/US00/09308

(22) **7 Apr/avr 2000 (07.04.2000)**

(25) en (26) en

(30) 09/315,107 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF FLUORINATED HYDROCARBONS AS REACTION MEDIA FOR SELECTIVE EPOXIDATION OF OLEFINS
• UTILISATION D'HYDROCARBURES FLUORES COMME MILIEU DE REACTION POUR L'EPOXYDATION SELECTIVE D'OLEFINES

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37662-5075 (US).

(72) **BARNICKI, Scott, Donald**; 1017 Oldham Court, Kingsport, TN 37660-4798 (US). **MONNIER, John, Robert**; 1012 Sussex Drive, Kingsport, TN 37660-5833 (US).

(74) **BOGGS, B., Jefferson, Jr.** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) BR JP SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07D 311/72, C07C 29/80, 33/02**

(11) **WO 00/71531** (13) A1

(21) PCT/US00/14212

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,463 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TOCOTRIENOLS AND GERANYLGERANIOL FROM *BIXA ORELLANA* BYPRODUCTS

• TOCOTRIENOLS ET GERANYLGERANIOL DE SOUS PRODUITS DE ROUCOUYER

(71) **AMERICA RIVER NUTRITION, INC.** [US/US]; 31 Campus Plaza Road, Hadley, MA 01035 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAN, Barrie** [US/US]; 49 North Hampton Road, Amherst, MA 01002 (US). **FOLEY, John** [US/US]; 196 Triangle Street, Amherst, MA 01002 (US).

(74) **PIERCE, N., Scott** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 333/38, 275/03, 231/44, 409/12, 417/04, A61K 31/425, 31/415, 31/381, A61P 35/00**

(11) **WO 00/71532** (13) A1

(21) PCT/IB00/00570

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 60/134,933 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HETEROCYCLIC DERIVATIVES USEFUL AS ANTICANCER AGENTS

• DERIVES HETEROCYCLIQUES SERVANT D'AGENTS ANTICANCEREUX

(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) **GANT, Thomas, George** [US/US]; Pfizer Inc., Central Research Division, Eastern Point Road, Groton, CT 06340 (US). **NOE, Mark, Carl** [US/US]; Pfizer Inc., Central Research Division, Eastern Point Road, Groton, CT 06340 (US).

(74) **SPIEGEL, Allen, J.** et al. / etc.; c/o Simpson, Alison, Urquhart-Dykes & Lord, 30 Welbeck Street, London W1M 7PG (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 339/08, 339/00, 409/04, A61K 31/385, A61P 25/00, G01N 33/68**

(11) **WO 00/71533** (13) A2

(21) PCT/US00/11895

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 06/135,418 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • 1,4-DITHIIN AND 1,4-DITHIEPIN-1,1,4,4, TETROXIDE DERIVATIVES USEFUL AS ANTAGONISTS OF THE HUMAN GALANIN RECEPTOR

• DERIVES DE 1,4-DITHIINE ET DE 1,4-DITHIEPIN-1,1,4,4-TETROXYDE UTILISES COMME ANTAGONISTES DU RECEPTEUR DE GALANINE HUMAIN

(71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; 920 U.S. Route 202, Raritan, NJ 08869 (US).

(72) **SCOTT, Malcolm, K.**; 1036 Beverly Way, Lansdale, PA 19446 (US). **LEE, Daniel, H., S.**; 38 Trailwood Drive, Northhampton, PA 18966 (US). **REITZ, Allen, B.**; 109 Greenbrier Road, Lansdale, PA 19446 (US). **ROSS, Tina, Morgan**; 11 Culp Road, Audubon, PA 19403 (US). **WANG, Haou-Yan**; 149 Kalos Street, Philadelphia, PA 19128 (US).

(74) **APPOLLINA, Mary, A.**; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 401/04, A61K 31/4545, 31/4439, A61P 25/00**

(11) **WO 00/71534** (13) A1

(21) PCT/US00/13339

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/316,707 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/559,881 **26 Apr/avr 2000** US **(26.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HETEROCYCLIC SUBSTITUTED AMINOAZACYCLES USEFUL AS CENTRAL NERVOUS SYSTEM AGENTS

• AMINOAZACYCLES HETEROCYCLIQUES SUBSTITUES UTILES EN TANT QU'AGENTS ACTIFS SUR LE SYSTEME NERVEUX CENTRAL

(71) **ABBOTT LABORATORIES** [US/US]; Building AP6D, Dept. 377, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(72) **SCHRIMPF, Michael, R.**; 327 Cambridge Drive, Gurnee, IL 60031 (US). **SIPPY, Kevin, B.**; 633 Wood Creek Drive, Antioch, IL 60002 (US). **DAANEN, Jerome, F.**; 4137 Nantucket Place, Racine, WI 53405 (US). **RYTHER, Keith, B.**; 862 Waterview Drive, Round Lake Park, IL 60073 (US). **JI, Jianguo**; 1973 Sparrow Court, Libertyville, IL 60048 (US).

(74) **POPE, Lawrence, S.** et al. / etc.; Building AP6D, Dept. 377, 100 Abbott Park, Abbott Park, IL 60064-6050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 401/06, A61K 31/404, A61P 43/00, C07D 209/24, 401/14**

(11) **WO 00/71535** (13) A1

(21) PCT/US00/14003

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,761 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/154,594 **17 Sep/sep 1999** US **(17.09.1999)**

(30) 60/202,608 **9 May/mai 2000** US **(09.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INDOLE-TYPE DERIVATIVES AS INHIBITORS OF p38 KINASE
• DERIVES DE TYPE INDOLE EN TANT QU'INHIBITEURS DE p38 KINASE

(71) **SCIOS INC.** [US/US]; 820 West Maude Avenue, Sunnyvale, CA 94087 (US).

(72) **MAVUNKEL, Babu, J.**; 1348 Avoset Terrace, Sunnyvale, CA 94087 (US). **CHAKRAVARTY, Sarvajit**; 976-2 Alpine Terrace, Sunnyvale, CA 94086 (US). **PERUMATTAM, John, J.**; 30 Chester Circle, Los Altos, CA 94022 (US). **DUGAR, Sundeep**; 5943 Sterling Oaks Drive, San Jose, CA 95120 (US). **LU, Qing**; 350 Foresail Court, Foster City, CA 94404 (US). **LIANG, Xi**; 1011 Rosa Avenue, Sunnyvale, CA 94086 (US).

(74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006-1888 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 401/12, 409/12, 417/12, 413/12, 403/12, A01N 43/54, 43/653, 43/76, 43/78, 43/80**

(11) **WO 00/71536** (13) A1

(21) PCT/US00/13437

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,078 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HETEROARYLOXYPYRIMIDINE INSECTICIDES AND ACARICIDES
• HETEROARYLOXYPYRIMIDINE INSECTICIDES ET ACARICIDES

(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) **SELBY, Thomas, Paul** [US/US]; 116 Hunter Court, Wilmington, DE 19808 (US). **STEVENSON, Thomas, Martin** [US/US]; 103 Iroquois Court, Newark, DE 19702 (US).

(74) **BIRCH, Linda, D.**; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 403/14, 403/04, 487/04, 471/04, A61K 31/4196**

(11) **WO 00/71537** (13) A1

(21) PCT/SE00/01009

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9901854-1 **21 May/mai 1999** SE **(21.05.1999)**

(30) 0000645-2 **28 Feb/fév 2000** SE **(28.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW PHARMACEUTICALLY ACTIVE COMPOUNDS
• NOUVEAUX COMPOSES PHARMACEUTIQUEMENT ACTIFS

(71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KARABELAS, Kostas** [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). **LEPISTÖ, Matti** [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). **SJÖ, Peter** [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE).

(74) **ASTRAZENECA AB**; Global Intellectual Property, Patents, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 405/12, A61K 31/453, A61P 25/28, 25/24, 25/16**

(11) **WO 00/71538** (13) A2

(21) PCT/IB00/00493

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) en (26) en

(30) 60/135,399 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • 1-TRIFLUOROMETHYL-4-HYDROXY-7-PIPERIDINYL-AMINOMETHYLCHROMAN DERIVATIVES
• DERIVES 1-TRIFLUOROMETHYL-4-HYDROXY-7-PIPERIDINYL-AMINOMETHYLCHROMANE

(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) **OBACH, Ronald, Scott** [US/US]; 44 Eagle Ridge Drive, Gales Ferry, CT 06335 (US). **SCULLY, Douglas, Alan** [US/US]; 50 Williams Street, Noank, CT 06340 (US).

(74) **SPIEGEL, Allen, J.** et al. / etc.; Pfizer Inc., 235 East 42nd Street, New York, NY 10017 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 411/04**

(11) **WO 00/71539** (13) A1

(21) PCT/US00/14787

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,009 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS OF SEPARATING FTC ISOMERS AND DERIVATIVES THEREOF
• PROCEDES DE SEPARATION D'ISOMERES FTC ET LEURS DERIVES

(71) **PHARM-ECO LABORATORIES INC.** [US/US]; 128 Spring Street, Lexington, MA 02421 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZAHR, Salah** [US/US]; 10 Farmcrest Way, Acton, MA 01720 (US). **SWANSON, David, A.** [US/US]; 14 Mallard Way, Burlington, MA 01803 (US). **MOUSSA, Adel, M.** [US/US]; 34 Newbridge Avenue, Burlington, MA 01803 (US). **HAN, Luning** [CN/US]; 94 Franklin Street, Allston, MA 02134 (US).

(74) **PIERCE, N., Scott** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 417/12, A61K 31/427, A61P 3/10, 3/06, 3/04, 9/10, 19/06**

(11) **WO 00/71540** (13) A1

(21) PCT/JP00/03325

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143513 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDROCHLORIDE OF FUSED-HETEROCYCLE COMPOUND
• CHLORHYDRATE DE COMPOSE HETEROCYCLIQUE FUSIONNE

(71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FUJITA, Takashi** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **FUJIWARA, Toshihiko** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **IZUMI, Takashi** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(74) **OHNO, Akio** et al. / etc.; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(81) AU BR CA CN CZ HU ID IL IN KR MX NO NZ PL RU TR US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07D 471/02, 487/10, A61K 31/47**

(11) **WO 00/71541** (13) A1

(21) PCT/KR00/00487

(22) **18 May/mai 2000 (18.05.2000)**

(25) ko (26) en

(30) 1999/18158 **20 May/mai 1999** KR **(20.05.1999)**

(30) 2000/24657 **9 May/mai 2000** KR **(09.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICALLY ACTIVE QUINOLINE CARBOXYLIC ACID DERIVATIVES HAVING 7-PYRROLIDINE SUBSTITUTES CAUSING OPTICAL ACTIVITY AND A PROCESS FOR PREPARING THEREOF
• DERIVES D'ACIDE QUINOLEINE-CARBOXYLIQUE ACTIFS OPTIQUEMENT PRESENTANT DES SUBSTITUTS 7-PYRROLIDINES AMENANT UNE ACTIVITE OPTIQUE ET LEUR PROCEDE DE PREPARATION

(71) **DONG WHA PHARM. IND. CO., LTD.** [KR/KR]; 5 Soonwha-dong, Joong-ku, Seoul 100-130 (KR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YOON, Sung, June** [KR/KR]; 1420-11 Silim5-dong, Kwanak-ku, Seoul 151-015 (KR). **CHUNG, Yong, Ho** [KR/KR]; #301-204 Saemmaeul Apt., Hogye-dong, Dongan-gu, Anyang-si, Kyunggi-do 431-080 (KR). **LEE, Chi, Woo** [KR/KR]; #207-201 Kujookong Apt., Sanbon-dong, Koonpo-si, Kyunggi-do 435-040 (KR). **LEE, Jin, Soo** [KR/KR]; #304-605 Mookoong-wha-kyungnam Apt., Hogye-dong, Dongan-gu, Anyang-si, Kyunggi-do 431-080 (KR). **KIM, Nam, Doo** [KR/KR]; #102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050 (KR). **JIN, Yoon, Ho** [KR/KR]; 96-39 Silim2-dong, Kwanak-ku, Seoul 151-012 (KR). **SONG, Wan, Jin** [KR/KR]; #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 (KR). **KIM, Ik, Hoe** [KR/KR]; #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 (KR). **YANG, Wang, Yong** [KR/KR]; 427-25 Anyang6-dong, Manan-ku, Anyang-si, Kyunggi-do 430-016 (KR). **CHOI, Dong, Rack** [KR/KR]; #818-2405 Suri-hanyang Apt., 1151-5 Sanbon-dong, Koonpo-si, Kyunggi-do 435-040 (KR). **SHIN, Jung, Han** [KR/KR]; #5-502 Samsung-3cha Apt., 1217-7 Maetan4-dong, Suwon-si, Kyunggi-do 442-374 (KR).

(74) **LEE, Won-Hee**; 8th floor, Sung-ji Heights II, 642-16 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 471/08, A61K 49/00, 31/495**

(11) **WO 00/71542** (13) A1

(21) PCT/US00/13022

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/318,410 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED SYNTHESIS OF A TETRAAMIDO MACROCYCLE LIGAND
• SYNTHESE AMELOREE D'UN LIGAND TETRAAMIDO-MACROCYCLIQUE

(71) **THE CLOROX COMPANY** [US/US]; 1221 Broadway, Oakland, CA 94612 (US).

(72) **DELINE, James, E.**; 3857 MacGregor Common, Livermore, CA 94550 (US). **OTT, Michael, M.**; 5834 Merriewood Road, Oakland, CA 94611 (US). **KLOTTER, Kevin, A.**; 1349 Cameo Court, Livermore, CA 94550 (US).

(74) **HAYASHIDA, Joel, J.** et al. / etc.; 1221 Broadway, Oakland, CA 94612 (US).

(81) BR CA JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07D 473/16, 473/40, A61K 31/52, A61P 25/28**

(11) **WO 00/71543** (13) A1

(21) PCT/FR00/01335

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06456 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PURINE DERIVATIVES, PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME
• DERIVES DE LA PURINE, LEUR PROCEDE DE PREPARATION, ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT

(71) **HOECHST MARION ROUSSEL** [FR/FR]; 1, Terrasse Bellini, F-92800 Puteaux (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAESSLEIN, Jean-Luc** [FR/FR]; 72, rue du Général de Gaulle, F-77181 Courtry (FR).

(74) **VIEILLEFOSSE, Jean-Claude**; Hoechst Marion Roussel, 102, route de Noisy, F-93235 Romainville Cedex (FR).

(81) AE AG AL AU BA BB BG BR CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 493/10, G03C 1/73**

(11) **WO 00/71544** (13) A1

(21) PCT/JP00/03200

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/144072 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CHROMENE COMPOUNDS
• COMPOSÉS DE CHROMÈNE

(71) **TOKUYAMA CORPORATION** [JP/JP]; 1-1 Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOMODA, Junji** [JP/JP]; Tokuyama Corporation, 1-1 Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP). **KOMURO, Yasuko** [JP/JP]; Tokuyama Corporation, 1-1 Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP).

(74) **SUZUKI, Ikuo**; Atagoyama Bengoshi Building, 6-7, Atago 1-chome, Minato-ku, Tokyo 105-0002 (JP).

(81) AU JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07D 498/04, C09B 62/503, 62/04, 62/002, 19/02, C09D 11/00, 11/02 // (C07D 498/04, 265:00, 265:00)**

(11) **WO 00/71545** (13) A1

(21) PCT/IB00/00670

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911719.4 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRIPHENDIOXAZINE COMPOUNDS
• COMPOSÉS À BASE DE TRIPHÉNDIOXAZINE

(71) **CLARIANT FINANCE (BVI) LIMITED** [—/—]; Citco Building, Wickhams Cay, P.O. Box 662, Road Town, Tortola (VG).
*(only for / seulement pour AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE)*

(71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz (CH).
*(only for / seulement pour JP)*

(72) **HASEMANN, Ludwig**; Mühlenbachweg 4, D-79379 Müllheim-Niederweiler (DE).

(74) **D'HAEMER, Jan** et al. / etc.; Clariant International Ltd., Rothausstrasse 61, CH-4132 Muttenz (CH).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

---

(51)[7] **C07D 498/16**

(11) **WO 00/71546** (13) A1

(21) PCT/JP00/03251

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 11/145103 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR SEPARATING ANALOGOUS ORGANIC COMPOUNDS
• PROCEDE DE SEPARATION DE COMPOSES ORGANIQUES ANALOGUES

(71) **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NISHIHARA, Yutaka** [JP/JP]; 4-1-2-305, Fujimidai, Chikusa-ku, Nagoya-shi, Aichi 464-0015 (JP). **HONDA, Keiji** [JP/JP]; 36-22, Ooimiyashinden, Saya-cho, Ama-gun, Aichi 496-0921 (JP). **MUKAI, Koji** [JP/JP]; 1-1-C1-704, Momoyamadai, Suita-shi, Osaka 565-0854 (JP). **HASHIMOTO, Norihiro** [JP/JP]; 4-36-2, Ookane-cho, Nishi-ku, Nagoya-shi, Aichi 451-0082 (JP). **HATANAKA, Hiroshi** [JP/JP]; 1101-1-1-302, Hachimanyama, Tenpaku-ku, Nagoya-shi, Aichi 468-0074 (JP). **YAMASHITA, Michio** [JP/JP]; 3-11-11, Namiki, Tsukuba-shi, Ibaraki 305-0044 (JP).

(74) **NOGAWA, Shintaro**; Minamimorimachi Park Building, 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 501/00, C12P 35/02**

(11) **WO 00/71547** (13) A1

(21) PCT/EP00/04372

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) MI99A001120 **21 May/mai 1999** IT **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A PROCESS FOR THE PREPARATION OF β-LACTAM DERIVATIVES
• PROCEDE DE PREPARATION DE DERIVES DE $G(B)-LACTAME

(71) **ANTIBIOTICOS S.P.A.** [IT/IT]; Via G.G. Winckelmann, 1, I-20146 Milano (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SIVIERO, Enrico** [IT/IT]; Viale Cremona, 250, I-27100 Pavia (IT). **CABRI, Walter** [IT/IT]; Via Pisacane, 5, I-20089 Rozzano (IT). **TERRASSAN, Daniele, Mario** [IT/IT]; Via Don Bosco, 1, I-20049 Concorezzo (IT).

(74) **MINOJA, Fabrizio** et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07D 513/04, A61K 31/425**

(11) **WO 00/71548** (13) A1

(21) PCT/EP00/04278

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 9911881.2 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBSTITUTED IMIDAZOTHIAZOLES AS ANTIDEPRESSANT AGENTS
• IMIDAZOTHIAZOLES SUBSTITUES UTILISES EN TANT QU'AGENTS ANTIDEPRESSIFS

(71) **KNOLL AKTIENGESELLSCHAFT** [DE/DE]; D-67061 Ludwigshafen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BROUGH, Paul, Andrew** [GB/GB]; R4 Pennyfoot Street, Nottingham NG1 1GF (GB). **HENSTOCK, Vincent** [GB/GB]; R4 Pennyfoot Street, Nottingham NG1 1GF (GB). **WATTS, John, Paul** [GB/GB]; R5 Pennyfoot Street, Nottingham NG1 1GF (GB).

(74) **GOLDSCHEID, Bettina**; BASF Aktiengesellschaft, D-67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07D 513/04, A61K 31/4188, 31/519, A61P 25/00 // (C07D 513/04, 277:00, 235:00) (C07D 513/04, 277:00, 239:00)**

(11) **WO 00/71549** (13) A1

(21) PCT/EP00/04279

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 9911863.0 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THIAZOLODERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
• DERIVES DE THIAZOLE ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERIVES

(71) **KNOLL AKTIENGESELLSCHAFT** [DE/DE]; D-67061 Ludwigshafen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BROUGH, Paul, Andrew** [GB/GB]; R4 Pennyfoot Street, Nottingham NG1 1GF (GB). **CHEETHAM, Sharon, Crawford** [GB/GB]; R3 Pennyfoot Street, Nottingham NG1 1GF (GB). **KERRIGAN, Frank** [GB/GB]; R5 Pennyfoot Street, Nottingham NG1 1GF (GB). **WATTS, John, Paul** [GB/GB]; R5 Pennyfoot Street, Nottingham NG1 1GF (GB).

(74) **GOLDSCHEID, Bettina**; BASF Aktiengesellschaft, D-67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07F 1/08, B05D 5/12, C23C 16/18, H01B 1/02, B32B 15/20, H01L 21/00**

(11) **WO 00/71550** (13) A1

(21) PCT/US00/14063

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/318,440 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COPPER SOURCE REAGENT COMPOSITIONS, AND METHOD OF MAKING AND USING SAME FOR MICROELECTRONIC DEVICE STRUCTURES
• COMPOSITIONS REACTIVES A BASE DE CUIVRE ET LEUR PROCEDE D'ELABORATION ET D'UTILISATION POUR DES STRUCTURES DE DISPOSITIF MICROELECTRONIQUE

(71) **ADVANCED TECHNOLOGY MATERIALS, INC.** [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).

(72) **XU, Chongying**; 8 Heather Court, New Milford, CT 06776 (US). **BAUM, Thomas, H.**; 2 Handol Lane, New Fairfield, CT 06812 (US).

(74) **ZITZMANN, Oliver, A., M.**; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07F 5/00**

(11) **WO 00/71551** (13) A2

(21) PCT/US00/13566

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,376 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PURIFICATION OF AN ORGANOMETALLIC COMPOUND
• PURIFICATION D'UN COMPOSE ORGANOMETALLIQUE

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TRAN, Nam, H.** [US/US]; 7115 Coldstream Drive, Pasadena, TX 77573 (US). **CHRISTOPHER, Joseph, N.** [US/US]; 3207 Ivory Pointe Drive, League City, TX 77573 (US). **MICHALEC, Timothy, J.** [US/US]; 8102 Church Street, Needville, TX 77461 (US).

(74) **FENNELLY, Richard, P.**; Akzo Nobel Inc., Intellectual Property Dept., 7 Livingstone Avenue, Dobbs Ferry, NY 10522-3408 (US).

(81) CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07F 5/02, C01B 6/04**

(11) **WO 00/71552** (13) A1

(21) PCT/US00/11245

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/318,415 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYNTHESIS OF LITHIUM-SUBSTITUTED-BOROHYDRIDE-REAGENTS AND LITHIUM HYDRIDE
• SYNTHESE DE REACTIFS DE BOROHYDRURE DE LITHIUM SUBSTITUE ET HYDRURE DE LITHIUM

(71) **MINE SAFETY APPLIANCES COMPANY** [US/US]; P.O. Box 426, Pittsburgh, PA 15230-0426 (US).

(72) **BURKHARDT, Elizabeth, R.**; 1025 Lakemont Drive, Bridgeville, PA 15017 (US). **SUTTON, Christopher, P.**; 204 Brookside Lane, Mars, PA 16046 (US). **BRUENING, Joerg**; 9833 Presidential Drive, Allison Park, PA 15101 (US). **ROUDA, David, F.**; 145 Shannon Road, Renfrew, PA 16053 (US).

(74) **UBER, James, G.**; Mine Safety Appliances Company, P.O. Box 426, Pittsburgh, PA 15230-0426 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07F 7/18, 5/06**

(11) **WO 00/71553** (13) A1

(21) PCT/KR00/00506

(22) **20 May/mai 2000 (20.05.2000)**

(25) ko (26) en

(30) 1999/18491 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL ALUMINOSILOXANE COMPOUND AND PROCESS FOR PREPARING THE SAME
• NOUVEAUX COMPOSES D'ALUMINOSILOXANE, ET LEUR PROCEDE DE PREPARATION

(71, 72) **YANG, Jae-Kun** [KR/KR]; Joogong Apt. #606-1405, Gaepo-dong, Kangnam-ku, Seoul 135-240 (KR). **HAN, Jeong-Ryeon** [KR/KR]; Samwoo Villa #501, 48-30, Jangchoong-dong 1-ga, Joong-ku, Seoul 100-391 (KR).

(74) **CHOI, Kyu-Pal**; 824-11, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07F 15/00**

(11) **WO 00/71554** (13) A2

(21) PCT/US00/14048

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,493 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/142,853 **7 Jul/juil 1999** US **(07.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMIDAZOLIDINE-BASED METAL CARBENE METATHESIS CATALYSTS
• CATALYSEURS DE METATHESE DE CARBENE METALLIQUE A BASE D'IMIDAZOLIDINE

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, Ca 91125 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRUBBS, Robert, H.** [US/US]; 1700 Spruce Street, South Pasadena, CA 91030 (US). **SCHOLL, Matthias** [DE/US]; 122-A E. Foothill Boulevard, Arcadia, CA 91006 (US).

(74) **GARDE, Tanuja, V.** et al. / etc.; Pillsbury Madison & Sutro LLP, 50 Fremont Street, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C07H**

(11) **WO 00/71555** (13) A2

(21) PCT/US00/11918

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 60/132,935 **6 May/mai 1999 (06.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • 509RR
• 509RR

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; One New Horizons, Great West Road, Brentford, Middlesex TW8 9EP (GB).

(72) **BAE, Weonhye**; 415 Mill Grove Drive, Norristown, PA 19403 (US). **VAN HORN, Stephanie**; 129 Butternut Drive, Pottstown, PA 19464 (US). **WARREN, Richard, L.**; 825 Cathcart Road, Blue Bell, PA 19422 (US). **BISWAS, Sanjoy**; Apartment B4, 77 S. Valley Road, Paoli, PA 19301 (US). **THROUP, John, P.**; 506 Brooke Drive, Royersford, PA 19468 (US). **BURNHAM, Martin, K., R.**; 565 Forgedale Road, Barto, PA 19504 (US).

(74) **BLOOM, Allen**; Dechert Price & Rhoads, 4000 Bell Atlantic Tower, 1717 Arch Street, Philadelphia, PA 19103-2793 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **C07H 15/24, C07K 2/00, 16/00**

(11) **WO 00/71556** (13) A1

(21) PCT/US00/14366

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,661 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRODRUG ACTIVATION USING CATALYTIC ANTIBODIES
• ACTIVATION DE PROMEDICAMENTS AU MOYEN D'ANTICORPS CATALYTIQUES

(71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).

(72) **BARBAS, Carlos, F.**; 246 Dolphin Court, Del Mar, CA 92014 (US). **SHABAT, Doron**; 7665 Palmilla Drive #5311, San Diego, CA 92122 (US). **RADER, Christoph**; 4058 Front Street, San Diego, CA 92103 (US). **LIST, Benjamin**; 2116 C Street, San Diego, CA 92102 (US). **LERNER, Richard, A.**; 7750 Roseland Drive, La Jolla, CA 92037 (US).

(74) **NORTHRUP, Thomas, E.** et al. / etc.; The Scripps Research Institute, 10550 North Torrey Pines Road, TPC-8, La Jolla, CA 92037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07H 17/08, A61K 31/7048, A61P 31/04**

(11) **WO 00/71557** (13) A1

(21) PCT/IB00/00502

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) en (26) en

(30) 60/135,468 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • 13-METHYL-ERYTHROMYCIN DERIVATIVES
• DERIVES DE 13-METHYL-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) **DIRLAM, John, Philip** [US/US]; Pfizer Central Research, Eastern Point Road, Groton, CT 06340 (US). **KANEKO, Takushi** [JP/US]; Pfizer Central Research, Eastern Point Road, Groton, CT 06340 (US). **MCARTHUR, Hamish, Alastair, Irvine** [GB/US]; Pfizer Central Research, Eastern Point Road, Groton, CT 06340 (US). **SU, Wei-Guo** [US/US]; Pfizer Central Research, Eastern Point Road, Groton, CT 06340 (US). **WU, Yong-Jin** [CA/US]; Pfizer Central Research, Eastern Point Road, Groton, CT 06340 (US).

(74) **SPIEGEL, Allen, J.** et al. / etc.; Pfizer Inc., 235 East 42nd Street, New York, NY 10017 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07H 19/16, A61K 31/70, A61P 9/00**

(11) **WO 00/71558** (13) A1

(21) PCT/US00/14036

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/317,523 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ORALLY ACTIVE $A_1$ ADENOSINE RECEPTOR AGONISTS
• AGONISTES DU RECEPTEUR DE L'ADENOSINE ACTIVE $A_1$ ADMINISTRES PAR VOIE ORALE

(71) **CV THERAPEUTICS, INC.** [US/US]; 3172 Porter Drive, Palo Alto, CA 94304 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BLACKBURN, Brent, K.** [—/US]; 633 Almedia Avenue, Los Altos, CA 94022 (US). **MELVILLE, Chris** [—/US]; 2201 Hanover Street, Palo Alto, CA 94306 (US). **ZABLOCKI, Jeff, A.** [—/US]; 580 Sleeper Avenue, Mountain View, CA 94040 (US). **PALLE, Venkata, P.** [—/US]; 600 Ranibow Drive, Mountain View, CA 94041 (US). **ELZEIN, Elfatih, O.** [—/US]; 4644 Creekwood Drive, Freemont, CA 94555 (US). **WANG, Lisa** [—/US]; 1545 Flouribunda Avenue #312, Burlingame, CA 94010 (US).

(74) **HUGHES, A., Blair**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07H 21/00, 21/02, 21/04**

(11) **WO 00/71559** (13) A1

(21) PCT/US00/14274

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,848 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR DEBLOCKING OF LABELED OLIGONUCLEOTIDES
• PROCEDE DE DEBLOCAGE D'OLIGONUCLEOTIDES MARQUES

(71) **LIFE TECHNOLOGIES, INC.** [US/US]; 9800 Medical Center Drive, Rockville, MA 20850 (US).

(72) **GEBEYEHU, Gulilat**; 12400 Rivers Edge Drive, Potomac, MD 20854 (US). **PIRES, Richard, M.**; 10719 Bethesda Church Road, Damascus, MD 20872 (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) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C07H 21/02, 21/04, A01N 61/00**

(11) **WO 00/71560** (13) A1

(21) PCT/US00/12133

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 60/134,973 **20 May/mai 1999 (20.05.1999)** US

(30) 60/137,837 **7 Jun/juin 1999 (07.06.1999)** US

(30) 60/139,095 **14 Jun/juin 1999 (14.06.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS OF MODULATING ACTIVITY OF PROKARYOTIC RIBOSOMES
• TECHNIQUES DE MODULATION DE L'ACTIVITÉ DE RIBOSOMES PROCARYOTES

(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).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEGG, Lisa, Anne** [US/US]; 554 Tanglewood Lane, Devon, PA 19333 (US). **STERNER, Therese, Anne** [US/US]; 340 Sugartown Road, Devon, PA 19333 (US).

(74) **GIMMI, Edward, R.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07H 21/02**

(11) **WO 00/71561** (13) A1

(21) PCT/US00/13487

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/317,556 **24 May/mai 1999 (24.05.1999)** US

(30) 09/337,387 **22 Jun/juin 1999 (22.06.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CD4-INDEPENDENT HIV ENVELOPE PROTEINS AS VACCINES AND THERAPEUTICS
• PROTEINES D'ENVELOPPE DE VIH INDEPENDANTES DE CD4, UTILISEES COMME VACCINS ET AGENTS THERAPEUTIQUES

(71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104-3147 (US).

(72) **HOXIE, James, A.**; 560 Winston Way, Berwyn, PA 19312 (US). **LABRANCHE, Celia, C.**; 1500 Michaux Road, Chapel Hill, NC 27514 (US). **DOMS, Robert, W.**; 1237 South Leopard Road, Berwyn, PA 19312 (US). **HOFFMAN, Trevor, L.**; 184 West Albemarle Road, Lansdowne, PA 19050 (US).

(74) **DOYLE, Kathryn** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., Suite 2200, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C07H 21/04, C12P 19/34, G01N 33/53**

(11) **WO 00/71562** (13) A1

(21) PCT/US00/11979

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 09/317,350 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH SPECIFICITY PRIMERS, AMPLIFICATION METHODS AND KITS
• AMORCES HAUTEMENT SPECIFIQUES, TECHNIQUES D'AMPLIFICATION ET KITS

(71) **THE PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.** [US/US]; 455 First Avenue, New York, NY 10016 (US).

(72) **TYAGI, Sanjay**; Apartment 16E, 20 Waterside Plaza, New York, NY 10010 (US). **KRAMER, Fred, R.**; 561 West 231st Street, New York, NY 10463 (US). **VARTIKIAN, Robert**; Apartment 6H, 809 West 177th Street, New York, NY 10033 (US).

(74) **HONE, William, J.**; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07J**

(11) **WO 00/71563** (13) A2

(21) PCT/US00/13795

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,409 **21 May/mai 1999 (21.05.1999)** US

(30) 60/193,649 **31 Mar/mar 2000 (31.03.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TACCALONOLIDE MICROTUBULE STABILIZING AGENTS
• AGENTS DE STABILISATION DE MICROTUBULES DE TACCALONOLIDE

(63) US 60/135,409 (CIP) 21 May/mai 1999 (21.05.1999)
US 60/193,649 (CIP) 31 Mar/mar 2000 (31.03.2000)

(71) **UNIVERSITY OF HAWAII** [US/US]; Office of Technology Transfer, Suite 280, 2800 Woodlawn Drive, Honolulu, Hawaii 96822 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEMSCHEIDT, Thomas, K.** [DE/US]; 640 Aipuni Street, Honolulu, HI 96821 (US). **MOOBERRY, Susan, L.** [US/US]; 659 Keolu Drive, Honolulu, HI 96734 (US).

(74) **REITER, Stephen, E.**; Gray Cary Ware & Freidenrich, LLP, Suite 1600, 4365 Executive Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K**

(11) **WO 00/71564** (13) A2

(21) PCT/US00/11456

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 60/131,607 **29 Apr/avr 1999 (29.04.1999)** US

(30) 09/302,457 **29 Apr/avr 1999 (29.04.1999)** US

(30) 09/499,817 **26 Nov/nov 1999 (26.11.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ISOLATED NUCLEIC ACIDS OF THE P-HYDE FAMILY, P-HYDE PROTEINS, AND METHODS OF INDUCING SUSCEPTIBILITY TO INDUCTION OF CELL DEATH IN CANCER
• ACIDES NUCLEIQUES ISOLES DE LA FAMILLE P-HYDE, PROTEINES P-HYDE ET PROCEDE POUR INDUIRE LA SUSCEPTIBILITE A L'INDUCTION DE LA MORT CELLULAIRE PROGRAMMEE PENDANT LE CANCER

(71) **THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION** [US/US]; Suite 403, 1534 White Avenue, Knoxville, TN 37996-1527 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STEINER, Mitchell, S.** [US/US]; 8894 Silverbark Drive, Germantown, TN 38138 (US). **WANG, Chiang** [US/US]; 132 Magnolia Drive, Memphis, TN 38117 (US). **RINALDY, Augustinus** [US/US]; 5453 North Rolling Oaks Drive, Memphis, TN 38119 (US). **MENON, Rema** [IN/US]; 1350 Walnut Hall Ct.No.5, Memphis, TN 38119 (US).

(74) **COHEN, Mark, S.**; Eitan, Pearl, Latzer & Cohen-Zedek, Suite 210, One Crystal Park, 2011 Crystal Drive, Arlington, VA 22202-3709 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K**

(11) **WO 00/71565** (13) A2

(21) PCT/US00/13684

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/316,919 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/316,920 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUORESCENT PROTEIN INDICATORS
• INDICATEURS PROTEIQUES FLUORESCENTS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US).

(72) **TSIEN, Roger, Y.**; 8535 Nottingham Place, La Jolla, CA 92037 (US). **BAIRD, Geoffrey, A.**; 972 Santa Estella, Solana Beach, CA 92075 (US).

(74) **HAILE, Lisa, A.**; Gray Cary Ware & Friedenrich LLP, 4365 Executive Drive, Suite 1600, San Diego, CA 92121-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K**

(11) **WO 00/71566** (13) A2

(21) PCT/US00/13939

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,081 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL ORGANIC ANION TRANSPORT PROTEINS
• NOUVELLES PROTEINES DE TRANSFERT D'ANION ORGANIQUE

(71) **BRISTOL-MYERS SQUIBB CO.** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) **KIRCHGESSNER, Todd, G.**; 2107 Goodwin Lane, North Wales, PA 19454 (US). **HSIANG, Bonnie**; 76 Stanford Road East, Trenton, NJ 08638 (US). **ZHU, Yingjie**; 12 Lafata Lane, Killingworth, CT 06419 (US). **WU, Yuli**; 3 Susanna Way, Newtown, PA 18940 (US). **WANG, Zhaoqing**; 55 Marvin Lane, Piscataway, NJ 08854 (US). **LYNCH, Jean, S.**; 26 Welisewitz Road, Ringoes, NJ 08551 (US). **HUANG, Xin**; 210 Princeton Arms North, Cranbury, NJ 08512 (US). **YANG, Wen-Pin**; 25 Rutgers Lane, Princeton, NJ 08540 (US).

(74) **KLEIN, Christopher** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K**

(11) **WO 00/71567** (13) A2

(21) PCT/US00/40080

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 60/132,923 **6 May/mai 1999** US **(06.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FIBROBLAST GROWTH FACTOR 13
• FACTEUR DE CROISSANCE DES FIBROBLASTES 13

(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) **MELDER, Robert** [US/US]; 921 Beacon Square Court, No. 254, Gaithersburg, MD 20878 (US). **DUAN, Roxanne, D.** [US/US]; 5515 Northfield Road, Bethesda, MD 20817 (US). **ALDERSON, Ralph** [US/US]; 12125 Orchard Road View Road, Gaithersburg, MD 20878 (US). **ROSEN, Craig, A.** [US/US]; 22400 Rolling Hill Road, Laytonsville, MD 20882 (US). **GREENE, John, M.** [US/US]; 872 Diamond Drive, Gaithersburg, MD 20878 (US). **GRUBER, Joachim, R.** [DE/US]; 4501 Normandy Apartment #1, Dallas, TX 75205 (US).

(74) **WALES, Michele, M.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K 1/00, A61K 39/085, 39/02, 39/40, C12N 15/09, C12P 21/06, 21/04, 21/06**

(11) **WO 00/71568** (13) A1

(21) PCT/US00/12253

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 60/132,445 **4 May/mai 1999** US **(04.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STAPHYLOCOCCAL ICA OPERON
• OPERON ICA STAPHYLOCOCCIQUE

(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).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BURNHAM, Martin, Karl, Russel** [GB/US]; 565 Forgedale Road, Barto, PA 19504 (US).

(74) **GIMMI, Edward, R.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C07K 1/02**

(11) **WO 00/71569** (13) A1

(21) PCT/US00/14152

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/322,762 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/528,899 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MINIMAL ISOLATION PEPTIDE SYNTHESIS PROCESS USING ION-EXCHANGE RESINS AS SCAVENGING AGENTS
• PROCEDE DE SYNTHESE PEPTIDIQUE A ISOLEMENT MINIMAL FAISANT APPEL A DES RESINES ECHANGEUSES D'IONS COMME AGENTS DE PIEGEAGE

(71) **ABBOTT LABORATORIES** [US/US]; D377/Ap6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(72) **TOLLE, John, C.**; 2211 Sunnyside Drive, Kansasville, WI 53139 (US). **CALIFANO, Jean-Christophe**; 826 Washington Street, Apartment 2S, Evanston, IL 60202 (US). **DHAON, Madhup, K.**; 1337 Huntington Drive, Mundelein, IL 60060 (US). **SACHS, Howard, A.**; 1061 Belmar Lane, Buffalo Grove, IL 60089 (US). **BLODGETT, James, K.**; 410 Sommerset Drive, Grayslake, IL 60030 (US).

(74) **SICKERT, Dugal, S.** et al. / etc.; D377/AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(81) CA JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C07K 1/04, 7/06**

(11) **WO 00/71570** (13) A1

(21) PCT/ES00/00169

(22) **5 May/mai 2000 (05.05.2000)**

(25) es (26) es

(30) P 9901090 **20 May/mai 1999** ES **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SOLID PHASE PEPTIDE SYNTHESIS METHOD
• PROCEDE DE SYNTHESE DE PEPTIDES EN PHASE SOLIDE

(71) **LIPOTEC, S.A.** [ES/ES]; Santa Eulàlia, 236-240, E-08902 L'Hospitalet de Llobregat (ES).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PONSATI I OBIOLS, Berta** [ES/ES]; Calle Alaba, 48 bis 3º, E-08005 Barcelona (ES). **CANAS I POBLET, Marc** [ES/ES]; Calle Mandri, 3-9 6ª D, E-08022 Barcelona (ES). **JODES I FARRES, Gemma** [ES/ES]; Calle Grau i Torras, 59 - 4º 2ª, E-08003 Barcelona (ES). **CLEMENTE RODRIGUEZ, Javier** [ES/ES]; Avenida Pau Casals, 21-23 2º 3ª, E-08901 L'Hospitalet de Llobregat (ES). **BARCADIT I CABADO, Jordi** [ES/ES]; Calle Doctor Fleming, 8, E-08470 Sant Celoni (ES).

(74) **DAVILA BAZ, Angel**; Clarke, Modet & Co., Avenida de Encuartes, 21, E-28760 Tres Cantos (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07K 1/107, 1/06, 5/11, 5/117, 5/062, 9/00, A61K 38/04, A61P 35/00**

(11) **WO 00/71571** (13) A2

(21) PCT/EP00/04261

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/134,136 **14 May/mai 1999** US **(14.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FAP-ACTIVATED ANTI-TUMOR COMPOUNDS
• COMPOSES ANTI-TUMORAUX ACTIVES PAR LA PROTEINE FAP

(71) **BOEHRINGER INGELHEIM** [DE/DE]; Pharma KG, D-55216 Ingelheim am Rhein (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PARK, John, Edward** [US/DE]; Widdersteinstrasse 162, D-88400 Biberach/Riss (DE). **RETTIG, Wolfgang, J.** [DE/DE]; Magnolienweg 7, D-88400 Biberach/Riss (DE). **LENTER, Martin** [DE/DE]; Promenade 23, D-89073 Ulm (DE). **PETERS, Stefan** [DE/DE]; Ringgasse 25, D-55218 Ingelheim am Rhein (DE). **MACK, Jürgen** [DE/DE]; Amriswilstrasse 7, D-88400 Biberach/Riss (DE). **LEIPERT, Dietmar** [DE/DE]; Albrecht-Dürer-Strasse 17, D-55218 Ingelheim am Rhein (DE). **GARIN-CHESA, Pilar** [ES/DE]; Magnolienweg 7, D-88400 Biberach/Riss (DE). **FIRESTONE, Raymond, Armand** [US/US]; 59 Barnes Road, Stamford, CT 06902 (US).

(74) **LAUDIEN, Dieter**; Boehringer Ingelheim GmbH, D-55216 Ingelheim am Rhein (DE).

(81) AE AU BG BR CA CN CZ EE HU ID IL IN JP KR LT LV MX NO NZ PL RO SG SI SK TR UA US UZ VN YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07K 5/08**

(11) **WO 00/71572** (13) A1

(21) PCT/US00/14017

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/317,789 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBSTITUTED BETA-ALANINE DERIVATIVES AS CELL ADHESION INHIBITORS
• DERIVES DE β-ALANINE SUBSTITUES EN TANT QU'INHIBITEURS D'ADHESION CELLULAIRE

(63) US 09/317,789 (CIP)
24 May/mai 1999 (24.05.1999)

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DURETTE, Philippe, L.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HAGMANN, William, K.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **KOPKA, Ihor, E.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **MACCOSS, Malcolm** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **MILLS, Sander, G.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **MUMFORD, Richard, A.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **MAGRIOTIS, Plato, A.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K 14/00**

(11) **WO 00/71573** (13) A2

(21) PCT/EP00/04465

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) MI99A001121 **21 May/mai 1999** IT **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMMUNOGENIC PEPTIDES AND THE USE THEREOF
• PEPTIDES IMMUNOGENES ET UTILISATION ASSOCIEE

(71) **GENERA S.P.A.** [IT/IT]; Via Olgettina, 58, I-20132 Milano (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TRAVERSARI, Catia** [IT/IT]; Via Olgettina, 58, I-20132 Milano (IT). **TANZARELLA, Silvia** [IT/IT]; Via Olgettina, 58, I-20132 Milano (IT). **BORDIGNON, Claudio** [IT/IT]; Via Olgettina, 58, I-20132 Milano (IT).

(74) **MINOJA, Fabrizio** et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(m)*

---

(51)[7] **C07K 14/00**

(11) **WO 00/71574** (13) A2

(21) PCT/IB00/00831

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911683.2 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTIGENIC NEISSERIAL PEPTIDES
• PEPTIDES ANTIGENIQUES A NEISSERIA

(71) **CHIRON S.P.A.** [IT/IT]; Via Fiorentina 1, I-53100 Siena (IT).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MASIGNANI, Vega** [IT/IT]; Chiron S.p.A., Via Fiorentina 1, I-53100 Siena (IT). **SCARLATO, Vincenzo** [IT/IT]; Chiron S.p.A., Via Fiorentina 1, I-53100 Siena (IT). **SCARSELLI, Maria** [IT/IT]; Chiron S.p.A., Via Fiorentina 1, I-53100 Siena (IT). **GALEOTTI, Cesira** [IT/IT]; Chiron S.p.A., Via Fiorentina 1, I-53100 Siena (IT). **MORA, Maria, Rosa** [IT/IT]; Chiron S.p.A., Via Fiorentina 1, I-53100 Siena (IT).

(74) **HALLYBONE, Huw, George** et al. / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K 14/00, C07H 21/02, 21/04, C12N 15/85, 15/86, A01K 67/00, G01N 33/53, 33/00**

(11) **WO 00/71575** (13) A1

(21) PCT/US00/14348

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,888 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MODELS OF PRION DISEASE
• MODELES DE MALADIE A PRION

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PRUSINER, Stanley, B.** [US/US]; 400 Pacheco Street, San Francisco, CA 94116 (US). **KORTH, Carsten** [DE/US]; 1534 Cole Street, San Francisco, CA 94117 (US).

(74) **DEVORE, Dianna, L.**; Bozicevic, Field & Francis LLP, 200 Midlefield Road, Suite 200, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07K 14/00**

(11) **WO 00/71576** (13) A2

(21) PCT/US00/14351

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,490 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADENOVIRUS VECTORS ENCODING BRAIN NATRIURETIC PEPTIDE
• VECTEURS D'ADENOVIRUS CODANT POUR LE PEPTIDE NATRIURETIQUE DU CERVEAU

(71) **MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH** [US/US]; 200 First Street SW, Rochester, MN 55905 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SIMARI, Robert** [US/US]; 200 First Street SW, Rochester, MN 55905 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K 14/00, C12P 21/00**

(11) **WO 00/71577** (13) A1

(21) PCT/US00/14462

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,208 **25 May/mai 1999** US **(25.05.1999)**

(30) 60/144,882 **20 Jul/juil 1999** US **(20.07.1999)**

(30) 60/147,823 **10 Aug/août 1999** US **(10.08.1999)**

(30) 09/373,658 **13 Aug/août 1999** US **(13.08.1999)**

(30) 60/171,503 **22 Dec/déc 1999** US **(22.12.1999)**

(30) 60/183,792 **22 Feb/fév 2000** US **(22.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METH1 AND METH2 POLYNUCLEOTIDES AND POLYPEPTIDES
• POLYNUCLEOTIDES ET POLYPEPTIDES METH1 ET METH2

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). **SMITHKLINE BEECHAM CORPORATION** [US/US]; 709 Swedeland Road, Mail Code - UM2220, King of Prussia, PA 19406 (US). **BETH ISRAEL DEACONESS MEDICAL CENTER** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **IRUELA-ARISPE, Luisa** [ES/US]; 1342 Holmby Avenue, Los Angeles, CA 90024 (US). **HASTINGS, Gregg, A.** [US/US]; 31919 Richgrove Court, Westlake Village, CA 91321 (US). **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). **JONAK, Zdenka, L.** [US/US]; 28 Ladderback Lane, Devon, PA 19333 (US). **TRULLI, Stephen, H.** [US/US]; 2015 Belvedere Avenue, Havertown, PA 19083 (US). **FORNWALD, James, A.** [US/US]; 2849 Ringneck Road, Norristown, PA 19403 (US). **TERRETT, Jonathan, A.** [GB/GB]; 20 Sandford Close, Abingdon, Oxon OX14 2PX (GB).

(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) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07K 14/15**

(11) **WO 00/71578** (13) A2

(21) PCT/EP00/04534

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99401220.1 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW POLYPEPTIDES AND THEIR USE FOR THE RESCUE OF FUSION DEFECTIVE VIRUS OR RETROVIRUS GLYCOPROTEINS
• NOUVEAUX POLYPEPTIDES ET LEUR UTILISATION POUR LE SAUVETAGE DE VIRUS OU DE GLYCOPROTEINES VIRALES A DEFAUT DE FUSION

(71) **CNRS CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COSSET, François-Loïc** [FR/FR]; 30, Grande Rue de la Guillotière, F-69007 Lyon (FR). **LAVILLETTE, Dimitri** [FR/FR]; 32 bis, rue du Lieutenant Colonel Girard, F-69007 Lyon (FR).

(74) **GROSSET-FOURNIER, Chantal** et al. / etc.; Grosset-Fournier & Demachy SARL, 20, rue de Maubeuge, F-75009 Paris (FR).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07K 14/38**

(11) **WO 00/71579** (13) A2

(21) PCT/EP00/04718

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 99201630.3 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REGULATING ORGANELLE HOMEOSTASIS IN A CELL FACTORY
• REGULATION DE L'ORGANITE DE L'HOMEOSTASIE DANS UNE PRODUCTION DE CELLULE

(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) **BOVENBERG, Roelof, Ary, Lans** [NL/NL]; 's-Gravenweg 121, NL-3062 ZD Rotterdam (NL). **VAN DEN BERG, Marco, Alexander** [NL/NL]; Rozenstraat 57, NL-2565 SH Den Haag (NL). **NIEBOER, Maarten** [NL/NL]; Pondstraat 1, NL-2645 GZ Delfgauw (NL). **VEENHUIS, Marten** [NL/NL]; Meerweg 110, NL-9752 JL Haren (NL). **KIEL, Jan, Andries, Kornelis, Willem** [NL/NL]; G. Sterringastraat 60, NL-9728 VV Groningen (NL). **VAN DER KLEI, Ida, Johanna** [NL/NL]; Duinkampen 17, NL-9765 BA Paterswolde (NL).

(74) **BREEPOEL, Peter, Maria** et al. / etc.; DSM N.V., DSM Patents & Trademarks, Office Delft (994-0760), P.O. Box 1, NL-2600 MA Delft (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K 14/47, 1/16, 1/18, C12N 5/06**

(11) **WO 00/71580** (13) A1

(21) PCT/JP00/03214

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/142456 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SECRETORY PROTEIN LIBRARY AND METHOD FOR PRODUCING THE SAME
• BIBLIOTHEQUE DE PROTEINE SECRETOIRE ET METHODE DE PRODUCTION DE LADITE PROTEINE

(71) **SUMITOMO PHARMACEUTICALS COMPANY, LIMITED** [JP/JP]; 2-8, Dosho-machi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8510 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOJIMA, Shin-ichi** [JP/JP]; 1-4-128, Koyochonaka, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (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) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07K 14/47, C12P 21/02, C07K 16/18, C12P 21/08, G01N 33/50, 33/15, 33/563, A61K 38/16, 39/395 // C12N 15/12**

(11) **WO 00/71581** (13) A1

(21) PCT/JP00/03221

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/140229 **20 May/mai 1999** JP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL POLYPEPTIDE
• NOUVEAU POLYPEPTIDE

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ITOH, Yasuaki** [JP/JP]; 36-16, Sakuragaoka-machi, Tsuchiura-shi, Ibaraki 300-0832 (JP). **MOGI, Shinichi** [JP/JP]; 17-16, Mizukino 1-chome, Moriya-machi, Kitasoma-gun, Ibaraki 302-0121 (JP). **TANAKA, Hideyuki** [JP/JP]; 7-9-1302, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). **OHKUBO, Shoichi** [JP/JP]; 4-23, Chuo 1-chome, Usiku-shi, Ibaraki 300-1234 (JP). **OGI, Kazuhiro** [JP/JP]; 16-1-206, Umezono 2-chome, Tsukuba-shi, Ibaraki 305-0045 (JP).

(74) **TAKAHASHI, Shuichi** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

(81) AE AG AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX MZ NO NZ PL RO RU SG SI SK TJ TM TR TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C07K 14/50, 16/22, A61K 38/18, C12N 1/21, 5/10, 15/18, 15/63, G01N 33/53**

(11) **WO 00/71582** (13) A1

(21) PCT/US00/13416

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,166 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FIBROBLAST GROWTH FACTOR 14
• FACTEUR 14 DE CROISSANCE DU FIBROBLASTE

(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) **ALDERSON, Ralph** [US/US]; 12125 Orchard View Road, Gaithersburg, MD 20878 (US). **GREENE, John, M.** [US/US]; 872 Diamond Drive, Gaithersburg, MD 20878 (US). **MELDER, Robert** [US/US]; 921 Beacon Square Court, No. 254, Gaithersburg, MD 20878 (US). **DUAN, D., Roxanne** [US/US]; 5515 Northfield Road, Bethesda, MD 20817 (US). **DILLON, Patrick, J.** [US/US]; 1055 Snipe Court, Carlsbad, CA 92009 (US).

(74) **WALES, Michele, M.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07K 14/52, 14/54, 14/545, C12N 5/10, 5/16, 15/12, 15/24, 15/25, 15/63, 15/64, G01N 33/53, 33/567**

(11) **WO 00/71583** (13) A1

(21) PCT/US00/14200

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,599 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/577,715 **23 May/mai 2000** US **(23.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MURINE INTERLEUKIN-1 HOMOLOGUE, IL-1H3
• HOMOLOGUE DE L'INTERLEUKINE 1 MURINE, IL-1H3

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM P.L.C.** [US/US]; New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).

(72) **SMITH, Randall, F.**; 4138 Presidential Drive, Lafayette Hill, PA 19444 (US). **YOUNG, Peter, R.**; 292 Iven Avenue, Apt. 1B, St. Davids, PA 19087 (US). **MCDONNELL, Peter, C.**; 8311 Tuplehocken Avenue, Elkins Park, PA 19027 (US). **HALSEY, Wendy**; 38 Fern Hill Road, Kennett Square, PA 19348 (US).

(74) **ANDERSEN, Robert, L.** et al. / etc.; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C07K 14/705, 16/28, C12N 1/21, 5/10, 15/12**

(11) **WO 00/71584** (13) A1

(21) PCT/US00/13737

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,167 **20 May/mai 1999 (20.05.1999)** US

(30) 60/143,616 **13 Jul/juil 1999 (13.07.1999)** US

(30) 60/152,934 **9 Sep/sep 1999 (09.09.1999)** US

(30) 60/189,029 **14 Mar/mar 2000 (14.03.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEVEN TRANSMEMBRANE RECEPTOR GENES
• GENES RECEPTEURS HEPTATRANSMEMBRANAIRES

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rochville, MD 20850 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). **NI, Jian** [CN/US]; 5502 Manorfield Road, Rockville, MD 20853 (US). **SOPPET, Daniel, R.** [US/US]; 15050 Stillfield Place, Centreville, MD 22020 (US). **LI, Yi** [CN/US]; 1247 Lakeside Drive #3034, Sunnyvale, CA 94086 (US). **FAN, Ping** [CN/US]; Apartment 302, 335 West Side Drive, Gaithersburg, MD 20878 (US).

(74) **HOOVER, Kenley, K.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C07K 16/12, 16/28, 16/46, C12N 5/20, A61K 39/40, G01N 33/569, A61P 31/04, A01K 67/027**

(11) **WO 00/71585** (13) A1

(21) PCT/US00/12116

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 60/132,212 **3 May/mai 1999 (03.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HUMAN ANTIBODIES TO STAPHYLOCOCCUS AUREUS
• ANTICORPS HUMAINS DIRIGES CONTRE LE *STAPHYLOCOCCUS AUREUS*

(71) **MEDAREX, INC.** [US/US]; P.O. Box 953, 1545 Route 22 East, Annandale, NJ 08801-0953 (US).

(72) **KELER, Tibor**; 30 Park Road, Ottsville, PA 18942 (US). **DEO, Yashwant, M.**; 3009 Peacock Drive, Audubon, PA 19403 (US).

(74) **REMILLARD, Jane, E.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C08B 11/08, 3/06, 11/12**

(11) **WO 00/71586** (13) A1

(21) PCT/US00/13921

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,255 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCTION OF CELLULOSE DERIVATIVES AND THE RESULTING PRODUCTS
• PROCEDE DE PRODUCTION DE DERIVES DE CELLULOSE ET PRODUITS OBTENUS

(71) **WEYERHAEUSER COMPANY** [US/US]; Post Office Box 2999, Tacoma, WA 98477-2999 (US).

(72) **LUO, Mengkui**; 3608 - 45th Avenue NE, Tacoma, WA 98422 (US). **JEWELL, Richard, A.**; 5215 146th Avenue S.E., Bellevue, WA 98006 (US). **NEOGI, Amar, N.**; 6352 NE 194th, Seattle, WA 98155 (US).

(74) **CRAWFORD, John, A.** et al. / etc.; Weyerhaeuser Company, Patent Department - CH 2J29, Post Office Box 2999, Tacoma, WA 98477-2999 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08F 4/64, B01J 31/18, C07F 7/02**

(11) **WO 00/71587** (13) A1

(21) PCT/US00/13578

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/318,008 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUPPORTED OLEFIN POLYMERIZATION CATALYSTS
• CATALYSEURS SUPPORTES POUR LA POLYMERISATION D'OLEFINES

(71) **EQUISTAR CHEMICALS, L.P.** [US/US]; 1221 McKinney Street, P.O. Box 2583, Houston, TX 77252-2583 (US).

(72) **SHAOTIAN, Wang**; 7623 Deer Crossing Drive, Mason, OH 45040 (US). **ETHERTON, Bradley, P.**; 11520 Kemper Woods, Cincinnati, OH 45249 (US). **MEYER, Karen, E.**; 1 Broadview Place, Cincinnati, OH 45208 (US). **LYNCH, Michael, W.**; 8837 Revere Run, West Chester, OH 45069 (US). **WINSLOW, Linda, N.**; 7701 Malabar Terrace, Cincinnati, OH 45236 (US). **CRIBBS, Leonard, V.**; 6679 Eagle Creek Drive, Hamilton, OH 45011 (US). **LIU, Jia-Chu**; 9643 Sparrow Place, Mason, OH 45040 (US).

(74) **KOZAK, Dennis, M.** et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **C08F 8/26, 10/10**

(11) **WO 00/71588** (13) A1

(21) PCT/JP99/02741

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SATURATED HYDROCARBON POLYMER HAVING PRIMARY HYDROXYL GROUP AT END AND PROCESS FOR PRODUCING THE SAME
• POLYMERE D'HYDROCARBURE SATURE POSSEDANT UN GROUPE HYDROXYLE PRIMAIRE A UNE EXTREMITE ET SON PROCEDE DE PRODUCTION

(71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHIBA, Takeshi** [JP/JP]; Kobe Research Laboratories Research Institute of Kaneka Corporation, 2-80, Yoshidacho 1-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0872 (JP). **TSUNEMI, Hidenari** [JP/JP]; Kobe Research Laboratories Research Institute of Kaneka Corporation, 2-80, Yoshidacho 1-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0872 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Recruit Shin Osaka Building 4F, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08F 8/30, 8/40, C08C 19/22, 19/24, C09K 21/00, C07F 9/02, 9/547, C08G 77/04, 77/06, 77/38, 77/382, 77/388, 77/395**

(11) **WO 00/71589** (13) A1

(21) PCT/US00/13537

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,024 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHOSPHINIMINE MODIFICATION OF ORGANIC POLYMERS AND SILICONES
• MODIFICATION PHOSPHINIMINE DE POLYMERES ORGANIQUES ET DE SILICONES

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALLCOCK, Harry, R.** [US/US]; 434 Kemmerer Road, State College, PA 16801 (US). **HARTLE, Thomas, J.** [US/US]; 401 Hill Drive, State College, PA 16801 (US). **MCINTOSH, Michael, B.** [US/US]; 1218 South Allen Street, State College, PA 16801 (US). **SUNDERLAND, Nicolas, J.** [US/US]; 1231 South Allen Street, Apt. 17, State College, PA 16801 (US). **PRANGE, Robbyn** [US/US]; 10 Vario Boulevard, Apt. 11B, State College, PA 16803 (US). **TAYLOR, Jonathan, P.** [US/US]; 904 A Pike Street, Lemont, PA 16851 (US).

(74) **MONAHAN, Thomas, J.**; Intellectual Property Office, The Pennsylvania State University, 113 Technology Center, University Park, PA 16802-7000 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08F 14/18**

(11) **WO 00/71590** (13) A1

(21) PCT/US00/14009

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,074 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYMERIZATION OF FLUOROMONOMERS
• POLYMERISATION DES FLUOROMONOMERES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **MORGAN, Richard, Alan**; 4708 7th Avenue, Vienna, WV 26105 (US). **JONES, Clay, Woodward**; 62 Karen Street, Route 1, Washington, WV 26181 (US). **HIRVNAK, Jeffrey**; 23 Mill Haven Road, Glen Mills, PA 19342 (US). **TREAT, Theodore**; 534 Lakewood Circle, Washington, WV 26181 (US).

(74) **STEINBERG, Thomas, W.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CU JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **C08F 130/08, C08K 5/16, A61K 7/075**

(11) **WO 00/71591** (13) A1

(21) PCT/US00/14314

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,942 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BLOCK POLYMERS, COMPOSITIONS AND METHODS OF USE FOR FOAMS, LAUNDRY DETERGENTS, SHOWER RINSES AND COAGULANTS
• POLYMERES SEQUENCES, COMPOSITIONS ET PROCEDES D'UTILISATION DE MOUSSES, DETERGENTS A LESSIVE, RINÇAGES DE DOUCHES ET COAGULANTS

(71) **RHODIA INC.** [US/US]; CN 7500, 259 Prospect Plains Road, Cranbury, NJ 08512 (US).

(72) **YEUNG, Dominic, Wai-Kwing**; 3661 Golden Orchard Drive, Mississauga, Ontario L4Y 3J2 (CA). **BERGERON, Vance**; 70 ter Rue Cmdt. Charcot, F-69005 Lyon (FR). **BODET, Jean-Francois**; 5067 Plantation Court, Mason, OH 45040 (US). **SIVIK, Mark, Robert**; 2434 Sheffield Court, Ft. Mitchell, KY 41014 (US). **KLUESENER, Bernard, William**; 11619 New Biddinger Road, Harrison, OH 45030 (US). **SCHEPER, William, Michael**; 2393 Picnic Woods Drive, Lawrenceburg, IN 47025 (US).

(74) **VENTURINO, Anthony, P.**; Stevens, Davis, Miller & Mosher, L.L.P., Suite 850, 1615 L Street, N.W., Washington, DC 20036 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C08F 220/60, C09D 11/00, B41M 5/00, B41J 2/17, 2/01**

(11) **WO 00/71592** (13) A1

(21) PCT/JP00/03361

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/145238 **25 May/mai 1999** JP **(25.05.1999)**

(30) 11/145271 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WATER RESISTANCE IMPARTER, INK COMPOSITION, REACTIVE FLUID, AND METHOD OF INK-JET RECORDING WITH TWO FLUIDS
• AGENT HYDROFUGE, COMPOSITION D'ENCRE, FLUIDE REACTIF ET PROCEDE D'IMPRESSION PAR JETS D'ENCRE A L'AIDE DE DEUX FLUIDES

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KITAMURA, Kazuhiko** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **OTA, Hitoshi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **AOYAMA, Tetsuya** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **UOTANI, Nobuo** [JP/JP]; Showa Denko K. K. Central Research Laboratory, 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP). **ITO, Yuji** [JP/JP]; Showa Denko K. K. Central Research Laboratory, 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP). **TAKAHASHI, Hiroshi** [JP/JP]; Showa Denko K. K. Central Research Laboratory, 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08F 279/02, 4/62, 36/04**

(11) **WO 00/71593** (13) A1

(21) PCT/EP00/04275

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 23 579.1 **21 May/mai 1999** DE **(21.05.1999)**

(30) 100 19 111.8 **18 Apr/avr 2000** DE **(18.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF PRODUCING RUBBER COMPOSITIONS IN STYRENE SOLUTIONS WITH STERICALLY SUPERIOR CHELATE CATALYSTS
• PROCEDE DE PRODUCTION DE SOLUTIONS DE CAOUTCHOUC DANS UNE SOLUTION DE STYRENE

CONTENANT DES CATALYSEURS CHELATES STERIQUEMENT EXIGEANTS

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JÜNGLING, Stephan** [DE/DE]; Augartenstrasse 79, D-68165 Mannheim (DE). **SCHADE, Christian** [DE/DE]; Lisztstrasse 142, D-67061 Ludwigshafen (DE). **GAUSEPOHL, Hermann** [DE/DE]; Medardusring 74, D-67112 Mutterstadt (DE). **WARZELHAN, Volker** [DE/DE]; Südtiroler Ring 32, D-67273 Weisenheim (DE). **MOORS, Rainer** [DE/DE]; Danziger Strasse 5, D-76726 Germersheim (DE). **SCHÄCH, Hansjörg** [DE/DE]; Haardtstrasse 20a, D-67459 Böhl-Iggelheim (DE). **QUEISSER, Joachim** [DE/DE]; Mollstrasse 13, D-68165 Mannheim (DE). **LUINSTRA, Gerrit** [NL/DE]; Max-Stromeyer-Strasse 7, D-78467 Konstanz (DE). **DEMETER, Jürgen** [DE/DE]; Bruderweg 25, D-67069 Ludwigshafen (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C08F 283/04, 290/06, 2/20, C08L 77/00, 57/00**

(11) **WO 00/71594** (13) A1

(21) PCT/FR00/01338

(22) **16 May/mai 2000 (16.05.2000)**

(25) fr (26) fr

(30) 99/06473 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AQUEOUS VINYL AND/OR ACRYLIC POLYAMIDE AND POLYMER DISPERSIONS
• DISPERSIONS AQUEUSES DE POLYAMIDES ET DE POLYMERES VINYLIQUES ET/OU ACRYLIQUES

(71) **ATOFINA** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LOYEN, Karine** [FR/FR]; 155, rue Félix Faure, F-76620 Le Havre (FR). **GUINOT, Philippe** [FR/FR]; 13, rue de la Mairie, F-77123 Tousson (FR). **LINEMANN, Reinhard** [FR/FR]; 5, rue Eugène Boudin, F-27300 Bernay (FR).

(74) **SARRAF, Tarek**; Atofina, Cours Michelet - La Défense 10, F-92091 Paris la Défence Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08G 18/10, 18/08**

(11) **WO 00/71595** (13) A1

(21) PCT/EP00/04132

(22) **9 May/mai 2000 (09.05.2000)**

(25) de (26) de

(30) 199 23 300.4 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHOSPHATE-STABILISED POLYURETHANE MATERIALS, CROSS-LINKED BY CONDENSATION, METHOD FOR THEIR PRODUCTION AND USE THEREOF
• MATERIAUX DE POLYURETHANNE A RETICULATION PAR CONDENSATION, STABILISES PAR DES PHOSPHATES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **WALTER, Marie-Hélène, Marie-Ange, Christiane** (heiress of the deceased inventor / héritière de l'inventeur décédé) [FR/DE]; Zum Galkhausener Bach 17, D-40764 Langenfeld (DE).
*(only for / seulement pour US)*

(72) **WALTER, Ulrich** (deceased / décédé).

(72, 75) **SCHMALSTIEG, Lutz** [DE/DE]; Schnurgasse 45, D-50676 Köln (DE). **LEMMERZ, Ralf** [DE/DE]; Am Scherfenbrand 85, D-51375 Leverkusen (DE). **ECKHARDT, Alexander** [DE/DE]; Silesiusstrasse 76, D-51065 Köln (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08G 18/38, 18/62, 18/80, C09D 175/04, 133/06, C08K 3/36**

(11) **WO 00/71596** (13) A1

(21) PCT/EP00/04617

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 24 172.4 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COATING MATERIAL CONTAINING A MIXTURE OF SILICIC ACIDS AND UREA AND/OR UREA DERIVATIVES
• SUBSTANCE DE REVETEMENT CONTENANT UN MELANGE D'ACIDES SILICIQUES ET D'UREE OU DE DERIVES D'UREE

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstrasse 1, D-48165 Münster (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUMGART, Hubert** [DE/DE]; Am Dornbusch 44a, D-48163 Münster (DE). **CONRING, Uwe** [DE/DE]; Daldruper Strasse 47, D-48249 Dülmen (DE). **COOK, Vince** [US/DE]; Tulpenweg 21, D-48165 Münster (DE). **MAYENFELS, Peter** [DE/DE]; Plutoweg 10, D-48163 Münster (DE). **SCHULZE-FINKENBRINK, Guido** [DE/DE]; Hartmannsbrook 141, D-48163 Münster (DE).

(74) **FITZNER, Uwe**; Lintorfer Strasse 10, D-40878 Ratingen (DE).

(81) AU BR JP KR MX PL US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08G 59/14, 59/42, G03F 7/027, 7/038**

(11) **WO 00/71597** (13) A1

(21) PCT/JP00/03143

(22) **16 May/mai 2000 (16.05.2000)**

(25) ja (26) ja

(30) 11/138598 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHOTOCURING AND THERMOSETTING COMPOSITION
• COMPOSITION PHOTOPOLYMERISABLE ET THERMODURCISSABLE

(71) **TAIYO INK MANUFACTURING CO., LTD.** [JP/JP]; 7-1, Hazawa 2-chome, Nerima-ku, Tokyo 176-8508 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SAITO, Teruo** [JP/JP]; Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP). **KUSAMA, Masatoshi** [JP/JP]; Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP). **MIYOSHI, Tadahiro** [JP/JP]; Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP).

(74) **YOSHIDA, Shigeki**; Harada Building, Room 1103, 14-2, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) CA CN ID IL IN KR SG US VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[7] **C08G 63/60, C08F 220/34, C08G 18/42, C08L 33/14, 75/06, D01F 6/70**

(11) **WO 00/71598** (13) A1

(21) PCT/JP00/03265

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/140727 **20 May/mai 1999 (20.05.1999)** JP

(30) 11/140739 **20 May/mai 1999 (20.05.1999)** JP

(30) 11/140745 **20 May/mai 1999 (20.05.1999)** JP

(30) 11/140749 **20 May/mai 1999 (20.05.1999)** JP

(30) 11/231307 **18 Aug/août 1999 (18.08.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYESTER DIOL, POLYURETHANE OBTAINED THEREFROM AND SPANDEX FILAMENT THEREOF, AND NOVEL DIALKYLAMINO-CONTAINING ACRYLIC COPOLYMER, POLYURETHANE COMPOSITION, AND SPANDEX COMPOSITION
• DIOL DE POLYESTER, POLYURETHANNE OBTENU A PARTIR DUDIT DIOL ET FILAMENT SPANDEX CORRESPONDANT, ET NOUVEAU COPOLYMERE ACRYLIQUE CONTENANT UN DIALKYLAMINO, COMPOSITION DE POLYESTER ET COMPOSITION DE SPANDEX

(71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-0905 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ENDO, Toshio** [JP/JP]; 13-5, Kuba 4-chome, Ohtake-shi, Hiroshima 739-0651 (JP). **MIHO, Takuya** [JP/JP]; 611-2, Kiga-cho, Kuga-gun, Yamaguchi 742-0300 (JP).

(74) **MIURA, Yoshikazu**; Kurosusaido Kojimachi, 4, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08G 69/00, 69/04, 69/08, 69/16, 69/28**

(11) **WO 00/71599** (13) A1

(21) PCT/EP00/04698

(22) **23 May/mai 2000 (23.05.2000)**

(25) de (26) de

(30) 199 23 894.4 **25 May/mai 1999 (25.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR THE PRODUCTION OF POLYAMIDES
• PROCEDE DE PRODUCTION DE POLYAMIDES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOHRSCHLADT, Ralf** [DE/DE]; Sternallee 5, D-68723 Schwetzingen (DE). **HILDEBRANDT, Volker** [DE/DE]; Am Brunnengarten 23, D-68169 Mannheim (DE). **KRAUSS, Dieter** [DE/DE]; Langgasse 38, D-67269 Grünstadt (DE). **LEEMANN, Martin** [DE/DE]; Liegnitzerstr. 33, D-69124 Heidelberg (DE).

(74) **ISENBRUCK, Günter**; Bardehle et al, Theodor-Heuss-Anlage 12, D-68165 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08G 69/10, 69/48**

(11) **WO 00/71600** (13) A1

(21) PCT/EP00/04292

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 09/314,111 **19 May/mai 1999 (19.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CROSS-LINKED POLYMERS THAT CONTAIN CONDENSED ALKALINE AMINO ACIDS AND METHOD FOR PRODUCING SAID POLYMERS
• POLYMERES RETICULES CONTENANT DES ACIDES AMINES BASIQUES CONDENSES, ET PROCEDE DE PREPARATION

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOHR, Bernhard** [DE/DE]; Obere Seegasse 12, D-69124 Heidelberg (DE). **FEHRINGER, Dietrich** [DE/DE]; Horrenbergstrasse 11, D-69234 Dielheim (DE). **BOECKH, Dieter** [DE/DE]; Zeppelinstrasse 3, D-67117 Limburgerhof (DE). **DECKER, Jürgen** [DE/DE]; Martin-Luther-Strasse 8, D-67346 Speyer (DE). **NÖRENBERG, Ralf** [DE/DE]; Mainzer Strasse 28, D-64572 Büttelborn (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08G 69/10, 69/48**

(11) **WO 00/71601** (13) A1

(21) PCT/EP00/04293

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 09/314,116 **19 May/mai 1999 (19.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYMERS THAT CONTAIN ALCOXYLATED, CONDENSED ALKALINE AMINO ACIDS AND METHOD OF PRODUCING SAID POLYMERS
• POLYMERES ALKOXYLES CONTENANT DES ACIDES AMINES BASIQUES CONDENSES, ET PROCEDE DE PREPARATION

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOHR, Bernhard** [DE/DE]; Obere Seegasse 12, D-69124 Heidelberg (DE). **BOECKH, Dieter** [DE/DE]; Zeppelinstrasse 3, D-67117 Limburgerhof (DE). **BORZYK, Oliver** [DE/DE]; Ludwigstrasse 58, D-67346 Speyer (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08G 69/44, 81/00, 65/333, A61L 27/14, 17/10**

(11) **WO 00/71602** (13) A1

(21) PCT/JP00/03181

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/139293 **19 May/mai 1999 (19.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYMER, IN VIVO DEGRADABLE MATERIAL, AND USE
• POLYMERE, MATERIAU DEGRADABLE IN VIVO ET UTILISATION

(71) **NOF CORPORATION** [JP/JP]; 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-0013 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OGURA, Atsuhiko** [JP/JP]; 2-26-2, Kasuga, Tsukuba-shi, Ibaraki 305-0821 (JP). **IWASAKI, Hiroshi** [JP/JP]; 1875, Takaoka, Niihari-mura, Niihari-gun, Ibaraki 300-4117 (JP). **TANAKA, Shinji** [JP/JP]; 2-15-5, Umezono, Tsukuba-shi, Ibaraki 305-0045 (JP).

(74) **SAKAI, Hajime**; Shuwa Kioicho TBR Building, 7, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08G 69/48**

(11) **WO 00/71603** (13) A1

(21) PCT/FR00/01339

(22) **16 May/mai 2000 (16.05.2000)**

(25) fr (26) fr

(30) 99/06472 **21 May/mai 1999 (21.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WATER DISPERSIBLE POLYAMIDES WITH ETHYLENICALLY UNSATURATED ENDS

• POLYAMIDES HYDRODISPERSIBLES A INSATURATIONS ETHYLENIQUES AUX EXTREMITES

(71) **ATOFINA** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LINEMANN, Reinhard** [FR/FR]; 5, rue Eugène Boudin, F-27300 Bernay (FR).

(74) **SARRAF, Tarek**; Atofina, Cours Michelet - La Défense 10, F-92091 Paris la Défense Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08G 73/10, C08J 9/32**

(11) **WO 00/71604** (13) A1

(21) PCT/US99/11364

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(30) 09/316,865 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HOLLOW POLYIMIDE MICROSPHERES

• MICROSPHERES CREUSES DE POLYIMIDE

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)** [US/US]; 300 E Street SW, Washington, DC 20546 (US). **UNITIKA, LTD** [JP/JP]; 50 Higashi-Honmachi, 1-chome, Amagasaki-shi, Hyogo 660-0825 (JP).

(72) **WEISER, Erik**; 702 Flume Run, A303, Newport News, VA 23602 (US). **ST. CLAIR, Terry**; 17 Roberts Landing Drive, Poquoson, VA 23662 (US). **ECHIGO, Yoshiaki**; 3-2-108 Oriidai, Uji-shi, Kyoto 611 (JP). **KANESHIRO, Hisayasu**; 49 Yaochi, Uji-shi, Kyoto 611 (JP).

(74) **HAWKINS, Hillary** et al. / etc.; NASA Langley Research Center, Mail Stop 212, 3 Langley Boulevard, Hampton, VA 23681-2199 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08G 75/00, B32B 27/06**

(11) **WO 00/71605** (13) A1

(21) PCT/US00/13806

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,203 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITE COATING

• REVETEMENT COMPOSITE

(71) **PRC-DESOTO INTERNATIONAL, INC.** [CA/CA]; 2820 Empire Avenue, Burbank, CA 91504 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RANDAZZO, Santo** [US/US]; 1925 Paseo La Paza, Pomona, CA 91768 (US).

(74) **SPRINKLE, Douglas, W.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward, Birmingham, MI 48009 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **C08G 77/42, 77/442, C08F 283/12, 293/00, A61K 7/06**

(11) **WO 00/71606** (13) A1

(21) PCT/EP00/04225

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 9912077.6 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYSILOXANE BLOCK COPOLYMERS IN TOPICAL COSMETIC AND PERSONAL CARE COMPOSITIONS

• COPOLYMERES SEQUENCES DE POLYSILOXANE UTILISES DANS DES COMPOSITIONS COSMETIQUES TOPIQUES ET D'HYGIENE PERSONNELLE

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
*(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
*(only for / seulement pour IN)*

(72) **ADAMS, Gerald**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **KHOSHDEL, Ezat**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **MORETTA, Anthony**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **PLANT, Yvonne, Christine**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **REID, Euan, Stuart**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **GRIFFITHS, Helen, Sarah**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08G 77/442, A61K 7/06**

(11) **WO 00/71607** (13) A1

(21) PCT/EP00/04429

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9912073.5 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYSILOXANE BLOCK COPOLYMERS IN TOPICAL COSMETIC AND PERSONAL CARE COMPOSITIONS

• COPOLYMERES BLOCS DE POLYSILOXANE DANS DES COMPOSITIONS COSMETIQUES TOPIQUES ET DES COMPOSITIONS DE SOINS PERSONNELS

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
*(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).
*(only for / seulement pour IN)*

(72) **ADAMS, Gerald**; Unilever Research Port Sunlight, Quarry Road East, Bebington,

Wirral, Merseyside CH63 3JW (GB). **KHOSHDEL, Ezat**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **MORETTA, Anthony**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **PLANT, Yvonne, Christine**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **REID, Euan, Stuart**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **GRIFFITHS, Helen, Sarah**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C08J 3/03, B29C 47/00, C08G 18/08**

(11) **WO 00/71608** (13) A1

(21) PCT/US00/13843

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,086 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A CONTINUOUS PROCESS OF EXTRUDING AND MECHANICALLY DISPERSING A POLYMERIC RESIN IN AN AQUEOUS OR NON-AQUEOUS MEDIUM
• PROCEDE PERMETTANT D'EXTRUDER EN CONTINU ET DE DISPERSER MECANIQUEMENT UNE RESINE POLYMERE DANS UN MILIEU AQUEUX OU NON AQUEUX

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **KEILLOR, Peter, Thompson, III**; 921 Oleander Street, Lake Jackson, TX 77566 (US). **PATE, James, E.**; 933 West Walter Road, Sanford, MI 48657 (US).

(74) **WILLIS, Reid, S.**; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08J 3/03, B29C 47/00, C08G 18/08**

(11) **WO 00/71609** (13) A1

(21) PCT/US00/13844

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,086 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A CONTINUOUS PROCESS OF EXTRUDING AND MECHANICALLY DISPERSING A POLYMERIC RESIN IN AN AQUEOUS OR NON-AQUEOUS MEDIUM
• PROCESSUS CONTINU D'EXTRUSION ET DE DISPERSION MECANIQUE D'UNE RESINE POLYMERE EN MILIEU AQUEUX OU NON AQUEUX

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **PATE, James, E.**; 933 West Walter Road, Sanford, MI 48657 (US). **LUNDGARD, Richard, A.**; 919 Whispering Oak Drive, Midland, MI 48640 (US). **PIECHOCKI, Christian**; 20, rue du Prieur Hoffer, F-67500 Marienthal (FR). **KEILLOR, Peter, Thompson, III**; 921 Oleander Street, Lake Jackson, TX 77566 (US). **LUTENSKE, Nanette, E.**; 600 West Vermont, Bay City, MI 48706 (US). **THUMMA, Ira**; 3841 W. Chippewa River Road, Sheperd, MI 48883 (US).

(74) **WILLIS, Reid, S.**; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08J 3/12, B29B 9/02**

(11) **WO 00/71610** (13) A1

(21) PCT/JP00/03339

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/142593 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR FORMING GRANULE OF THERMOPLASTIC RESIN
• PROCEDE DE FORMATION D'UN GRANULE EN RESINE THERMOPLASTIQUE

(71) **HOSOKAWA MICRON CORPORATION** [JP/JP]; 5-14, Kawaramachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0048 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIZOGUCHI, Chuichi** [JP/JP]; 28-10-203, Tokiwadai 3-chome, Itabashi-ku, Tokyo 174-0071 (JP).

(74) **SANO, Shizuo**; Tenmabashi-Yachiyo Building Bekkan, 2-6, Tenmabashi-Kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).

(81) CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08J 7/04, G02B 1/04, C08J 7/06**

(11) **WO 00/71611** (13) A1

(21) PCT/US00/12952

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/315,558 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PLASMA SURFACE TREATMENT OF SILICONE HYDROGEL CONTACT LENSES WITH A FLEXIBLE CARBON COATING
• TRAITEMENT DE SURFACE AU PLASMA DE LENTILLES DE CONTACT A BASE D'HYDROGEL DE SILICONE, A L'AIDE D'UN REVETEMENT SOUPLE DE CARBONE

(71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604 (US).

(72) **VALINT, Paul, L., Jr.**; 1 Farm Field Lane, Pittsford, NY 14534 (US). **GROBE, George, L., III**; 14 Old Lyme Road, Pittsford, NY 14534 (US). **AMMON, Daniel, M., Jr.**; 179 Hurstbourne Road, Rochester, NY 14609 (US). **McGEE, Joseph, A.**; 125 Terrace View Road, DeWitt, NY 13214 (US).

(74) **FURR, Robert, B., Jr.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08J 7/04, G02B 1/04, A61L 27/16**

(11) **WO 00/71612** (13) A1

(21) PCT/US00/13051

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/315,912 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SURFACE-TREATMENT OF SILICONE MEDICAL DEVICES COMPRISING AN INTERMEDIATE CARBON COATING AND GRAFT POLYMERIZATION

- TRAITEMENT DE SURFACE DE DISPOSITIFS MEDICAUX EN SILICONE, SUR LA BASE DE L'APPLICATION D'UN REVETEMENT DE CARBONE INTERMEDIAIRE ET DE LA POLYMERISATION AVEC GREFFAGE

(71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604 (US).

(72) **GROBE, George, L., III**; 14 Old Lyme Road, Pittsford, NY 14534 (US). **VALINT, Paul, L., Jr.**; 1 Farm Field Lane, Pittsford, NY 14534 (US). **AMMON, Daniel, M., Jr.**; 179 Hurstbourne Road, Rochester, NY 14609 (US). **MCGEE, Joseph, A.**; 125 Terrace View Road, Dewitt, NY 13214 (US).

(74) **FURR, Robert, B., Jr.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C08J 7/04, G02B 1/04**

(11) **WO 00/71613** (13) A1

(21) PCT/US00/13524

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/315,306 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- SURFACE TREATMENT OF SILICONE HYDROGEL CONTACT LENSES COMPRISING HYDROPHILIC POLYMER CHAINS ATTACHED TO AN INTERMEDIATE CARBON COATING
- TRAITEMENT DE SURFACE DE LENTILLES DE CONTACT EN HYDROGEL DE SILICONE COMPORTANT DES CHAINES POLYMERES HYDROPHILES LIEES A UNE COUCHE DE CARBONE INTERMEDIAIRE

(71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604 (US).

(72) **VALINT, Paul, L., Jr.**; 1 Farm Field Lane, Pittsford, NY 14534 (US). **AMMON, Daniel, M., Jr.**; 179 Hurstbourne Road, Rochester, NY 14609 (US). **MCGEE, Joseph, A.**; 125 Terrace View Road, DeWitt, NY 13214 (US). **GROBE, George, L.**; 14 Old Lyme Road, Pittsford, NY 14534 (US). **OZARK, Richard, M.**; 626 Third Street, Solvay, NY 13209 (US).

(74) **FURR, Robert, B., Jr.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08J 7/06, C08L 63/00, 63/02, 63/04, 79/08, 87/00**

(11) **WO 00/71614** (13) A1

(21) PCT/US00/13943

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,356 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/346,001 **30 Jun/juin 1999** US **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- HIGH PERFORMANCE CYANATE-BISMALEIMIDE-EPOXY RESIN COMPOSITIONS FOR PRINTED CIRCUITS AND ENCAPSULANTS
- COMPOSITIONS DE RESINE EPOXY HAUTES PERFORMANCES AU CYANATE BISMALEINIMIDE POUR CIRCUITS IMPRIMES ET AGENTS D'ENCAPSULATION

(63) US 60/135,356 (CON) 21 May/mai 1999 (21.05.1999)

(71, 72) **CAPOTE, Miguel, Albert** [US/US]; 4600 Park Drive, Carlsbad, CA 92008 (US).

(72, 75) **HARRISON, Edward, Smiley** [US/US]; 25425 Marion Ridge Drive, Idyllwild, CA 92549 (US). **LEE, Yong-Joon** [US/US]; 1667A Avenida Cuillermo, Oceanside, CA 92056 (US). **LENOS, Howard, Arthur** [US/US]; 39521 Cedar Circle, Murrieta, CA 92563 (US).

(74) **DILLAHUNTY, T., Gene** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08L 23/04**

(11) **WO 00/71615** (13) A1

(21) PCT/GB00/01959

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911934.9 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- INJECTION MOULDING
- MOULAGE PAR INJECTION

(71) **BOREALIS TECHNOLOGY OY** [FI/FI]; FIN-06101 Porvoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **COCKBAIN, Julian** [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).
*(only for / seulement pour GB)*

(72, 75) **LINDAHL, Ann, Dristin** [NO/NO]; Borealis AS, N-3960 Stathelle (NO). **AUGESTAD, Morten** [NO/NO]; Borealis AS, N-3960 Stathelle (NO). **NYGAARD, Heidi, Faukald** [NO/NO]; Borealis AS, N-3960 Stathelle (NO). **BAANN, Hege, Vale** [NO/NO]; Borealis AS, N-3960 Stathelle (NO).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08L 33/12, 27/06, B29C 43/24 // B29K 27:06, B29L 7:00**

(11) **WO 00/71616** (13) A1

(21) PCT/JP00/03185

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/138714 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- PROCESSING AID, VINYL CHLORIDE RESIN COMPOSITION CONTAINING THE SAME, AND PROCESS FOR PRODUCING MOLDED ARTICLE WITH THE SAME
- ADDITIF, COMPOSITION DE RESINE DE CHLORURE DE VINYLE CONTENANT CET ADDITIF, ET PROCEDE POUR PRODUIRE DES PIECES MOULEES AU MOYEN DE CET ADDITIF

(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HONDA, Souichiro** [JP/JP]; Otake Plants, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). **NAKATA, Akira** [JP/JP]; Otake Plants, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). **TSUCHIBE, Ken** [JP/JP]; Tokyo Technology and Information Center, Mits ubishi Rayon Co., Ltd., 3816, Noborito, Tama-ku, Kawasaki-shi, Kanagawa 214-0014 (JP).

(74) **KANEDA, Nobuyuki** et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN ID SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08L 57/10, 33/00, 51/06, C09D 157/10, 133/00, 151/06, C08J 7/04**

(11) **WO 00/71617** (13) A1

(21) PCT/JP00/03226

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/141590 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RESIN COMPOSITION AND PROCESS FOR PRODUCING THE SAME
• COMPOSITION DE RESINE ET PROCEDE DE PRODUCTION

(71) **MITSUI CHEMICALS, INCORPORATED** [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SATOU, Ken** [JP/JP]; 2882-2-36, Iijimacho, Sakae-ku, Yokohama-shi, Kanagawa 244-0842 (JP). **NAKANO, Makoto** [JP/JP]; 2-6-12, Nango, Chigasaki-shi, Kanagawa 253-0061 (JP). **ISHIDA, Tadashi** [JP/JP]; 2882-2-23, Iijimacho, Sakae-ku, Yokohama-shi, Kanagawa 244-0842 (JP). **HOSHINO, Futoshi** [JP/JP]; 4-8-8, Akabanedai, Kita-ku, Tokyo 115-0053 (JP).

(74) **KANEDA, Nobuyuki** et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C08L 77/00, C08K 3/34**

(11) **WO 00/71618** (13) A1

(21) PCT/EP00/04101

(22) **8 May/mai 2000 (08.05.2000)**

(25) de (26) de

(30) 199 22 933.3 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF POLYAMIDE AND SHEET SILICATE FOR PRODUCING BLOWN AND THERMOFORMED OBJECTS
• UTILISATION DE POLYAMIDE ET DE PHYLLOSILICATE POUR LA PRODUCTION D'OBJETS SOUFFLES OU THERMOFORMES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KLINGELHÖFER, Stefanie** [DE/DE]; Schönwasserstrasse 7, D-47809 Krefeld (DE). **JOACHIMI, Detlev** [DE/DE]; Scheiblerstrasse 103, D-47800 Krefeld (DE). **IDEL, Karsten-Josef** [DE/DE]; Am Schwarzkamp 38, D-47802 Krefeld (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08L 91/08**

(11) **WO 00/71619** (13) A1

(21) PCT/US00/14167

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,669 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIQUEFACTION AND DISPERSION OF PARAFFIN WAXES, ASPHALTENES AND COKE IN OIL
• LIQUEFACTION ET DISPERSION DE CIRES DE PARAFFINE, D'ASPHALTENES ET DE COKE DANS LE PETROLE

(71) **NURITCHEM, L.L.C. A LA (USA) LIMITED LIABILITY COMPAGY** [US/US]; Attn. Gordon K. Goldman, 4805 Avron Blvd., Metairie, LA 70006 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GOLDMAN, Gordon, K.** [US/US]; Nuritchem, L.L.C., 4805 Avron Blvd., Metairie, LA 70006 (US).

(74) **PUGH, Emmett, C.**; Pugh/Associates, 82 N. Main Street, Suffield, CT 06078-2102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C08L 97/02 // (C08L 97/02, 61:10, 61:28)**

(11) **WO 00/71620** (13) A1

(21) PCT/AT00/00142

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) A 896/99 **20 May/mai 1999** AT **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WOOD-FIBRE SEMI-FINISHED PRODUCT AND METHOD FOR PRODUCING THE SAME
• DEMI-PRODUIT EN FIBRES DE BOIS ET SON PROCEDE DE PRODUCTION

(71) **FUNDER INDUSTRIE GESELLSCHAFT M.B.H.** [AT/AT]; Klagenfurter Strasse 87, A-9300 St. Veit an der Glan (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARBU, Marius, C.** [AT/AT]; Streichergasse 6/12, A-1030 Wien (AT). **RESCH, Helmuth, J.** [AT/AT]; Kaserngasse 9/5, A-1130 Wien (AT). **WENINGER, Werner** [AT/AT]; Mölbling 30, A-9330 Treibach (AT).

(74) **BEER, Manfred** et al. / etc.; Lindengasse 8, A-1070 Wien (AT).

(81) CA CN CZ HR IN PL RO SG SI SK TR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09B 47/00, C07F 5/02, C07D 487/22, C09D 11/02, 11/00 // (C07D 487/22, 259:00, 209:00, 209:00, 209:00)**

(11) **WO 00/71621** (13) A1

(21) PCT/US00/13698

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,456 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/175,653 **12 Jan/jan 2000** US **(12.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL SUBPHTHALOCYANINE COLORANTS, INK COMPOSITIONS, AND METHODS OF MAKING THE SAME
• NOUVEAUX COLORANTS DE SUBPHTALOCYANINE, COMPOSITIONS D'ENCRE ET LEURS PROCEDES DE PREPARATION

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).

(72) **NOHR, Ronald, Sinclair**; 8955 Nesbit Lakes Drive, Alpharetta, GA 30303 (US). **MACDONALD, John, Gavin**; 1472 Knollwood Terrace, Decatur, GA 30033 (US).

(74) **WITHERS, James, D.**; Jones & Askew, LLP, 2400 Monarch Tower, 3424 Peachtree Road, N.E., Atlanta, GA 30326 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX

MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C09B 56/12, C25D 11/24, C08K 5/00, C09B 43/11, C09D 11/02**

(11) **WO 00/71622** (13) A1

(21) PCT/IB00/00691

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 99810449.1 **25 May/mai 1999** EP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTHRAQUINONE-AZO DYES AND USE OF SUCH COMPOUNDS
• COLORANTS AZOIQUES A BASE D'ANTHRAQUINONE ET LEUR UTILISATION

(71) **CLARIANT FINANCE (BVI) LIMITED** [—/—]; Citco Building, Wickhams Cay, P.O. Box 662, Road Town, Tortola (VG).
*(for all designated States except / pour tous les États désignés sauf JP US)*

(71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz (CH).
*(only for / seulement pour JP)*

(72, 75) **KÖRTE, Klaus** [DE/CH]; Im Schaiengarten 6, CH-4107 Ettingen (CH).

(74) **D'HAEMER, Jan** et al. / etc.; Clariant International Ltd., Rothausstrasse 61, CH-4132 Muttenz (CH).

(81) AU BR CA CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09C 3/12, 1/36, 1/24, 1/04**

(11) **WO 00/71623** (13) A1

(21) PCT/GB00/02000

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912002.4 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METAL OXIDE DISPERSIONS
• DISPERSIONS D'OXYDE METALLIQUE

(71) **ACMA LIMITED** [GB/GB]; The Heath, Runcorn, Cheshire WA7 4QF (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KESSELL, Lorna, Margaret** [GB/GB]; 58 High Street, Swainby, Northallerton, North Yorks DL6 3EG (GB).

(74) **HUMPHRIES, Martyn** et al. / etc.; Uniqema Intellectual Property, P.O. Box 90, Wilton, Middlesbrough, Cleveland TS90 8JE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C09D 5/02, B01D 19/04**

(11) **WO 00/71624** (13) A1

(21) PCT/EP00/03630

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) de (26) de

(30) 199 22 915.5 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AQUEOUS POLYMER DISPERSIONS CONTAINING SILICONE ANTIFOAMING AGENTS
• DEMOUSSEUR DE SILICONE CONTENANT DES DISPERSIONS AQUEUSES DE POLYMERES

(71) **WACKER-CHEMIE GMBH** [DE/DE]; Hanns-Seidel-Platz 4, D-81737 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BURGER, Willibald** [DE/DE]; Elisabethstrasse 14, D-84489 Burghausen (DE). **ESTERBAUER, Ludwig** [DE/DE]; Feldweg 11b, D-84539 Ampfing (DE). **INNERTSBERGER, Ernst** [DE/DE]; Marie-Eberth-Strasse 15, D-84489 Burghausen (DE). **SCHWARTZ, Manfred** [DE/DE]; Dathenusstrasse 16, D-67227 Frankenthal (DE). **BECHERT, Berthold** [DE/DE]; Trifelstrasse 66, D-67269 Grünstadt (DE).

(74) **FRITZ, Helmut**; Wacker-Chemie GmbH, Zentralbereich PML, Hanns-Seidel-Platz 4, D-81737 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09D 5/04, C08G 18/38, 18/75, C09D 175/04, C08G 18/62**

(11) **WO 00/71625** (13) A1

(21) PCT/EP00/04082

(22) **6 May/mai 2000 (06.05.2000)**

(25) de (26) de

(30) 199 24 170.8 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THIXOTROPING AGENT
• AGENTS THIXOTROPES

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstrasse 1, D-48165 Münster (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEID, Ingrid** [DE/DE]; Marientalstrasse 34, D-48149 Münster (DE). **KLEINE BECKMANN, Helmut** [DE/DE]; Erlenweg 4, D-48346 Ostbevern (DE). **RÖCKRATH, Ulrike** [DE/DE]; Vikarsbusch 8, D-48308 Senden (DE). **BAUMGART, Hubert** [DE/DE]; Lange Kuhle 16, D-48163 Münster (DE).

(74) **FITZNER, Uwe**; Lintorfer Strasse 10, D-40878 Ratingen (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09D 5/08, C23C 22/34**

(11) **WO 00/71626** (13) A1

(21) PCT/EP00/04267

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 23 084.6 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CHROMIUM-FREE ANTICORROSIVE AND ANTICORROSIVE METHOD
• AGENT ANTICORROSIF DEPOURVU DE CHROME ET PROCEDE DE PROTECTION CONTRE LA CORROSION

(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) **KÜPPER, Stefan** [DE/DE]; Im Schanfsfeld 8, 40764 Langenfeld (DE). **SANDER, Jörg** [DE/DE]; Birther Str. 141a, 42549 Velbert (DE). **HACKBARTH, Karsten** [DE/DE]; Tiergartenstrasse 4, D-40237 Düsseldorf (DE). **HIRSCH, Christina** [DE/DE]; Peter-Krahe-Strasse 16, D-40599 Düsseldorf (DE). **LACHMANN, Veit** [DE/DE]; Brückenschleeweg 34 b, D-40789 Monheim (DE). **REESSING, Petra** [DE/DE]; Martinusstrasse 40, D-50765 Köln (DE). **SEIDEL, Reinhard** [DE/DE]; Kölner Strasse 231, D-51515 Kürten (DE).

(81) AU BR CA CN KR PL RU SK US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09D 11/00**

(11) **WO 00/71627** (13) A1

(21) PCT/JP99/07243

(22) **24 Dec/déc 1999 (24.12.1999)**

(25) ja (26) ja

(30) 11/140258 **20 May/mai 1999** JP **(20.05.1999)**

(30) 11/178687 **24 Jun/juin 1999** JP **(24.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OIL-BASED INK FOR INK-JET RECORDING
• ENCRE A BASE D'HUILE POUR IMPRESSION A JET D'ENCRE

(71) **SAKATA INX CORP.** [JP/JP]; 23-37, 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) **TSUCHIYA, Tatsurou** [JP/JP]; Sakata Inx Corp., 23-37, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). **KANO, Masanori** [JP/JP]; Sakata Inx Corp., 23-37, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) CA CN JP KR SG US.

(84) EP (AT CH DE DK ES FR GB IE IT LU MC NL PT SE).

---

(51)[7] **C09D 11/00, B41J 2/01, B41M 5/00**

(11) **WO 00/71628** (13) A1

(21) PCT/JP00/03360

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/145023 **25 May/mai 1999 (25.05.1999)** JP

(30) 11/254815 **8 Sep/sep 1999 (08.09.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INK COMPOSITION AND METHOD FOR INKJET RECORDING USING THE SAME
• COMPOSITION D'ENCRE ET PROCEDE D'IMPRESSION PAR JETS D'ENCRE A L'AIDE DE CETTE COMPOSITION

(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) **MOMOSE, Masayuki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **ITO, Hiroshi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09D 11/16**

(11) **WO 00/71629** (13) A1

(21) PCT/US00/08789

(22) **3 Apr/avr 2000 (03.04.2000)**

(25) en (26) en

(30) 09/316,464 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WATER-BASED COLORING COMPOSITIONS CONTAINING SUBMICRON POLYMERIC PARTICLES
• COMPOSITIONS COLORANTES AQUEUSES CONTENANT DES PARTICULES DE POLYMERES INFERIEURES AU MICRON

(71) **BINNEY & SMITH INC.** [US/US]; 1100 Church Lane, P.O. Box 431, Easton, PA 18044-0431 (US).

(72) **SANTINI, Andree, F.**; 1616 Arrowwood Drive, Easton, PA 18042 (US). **SUTTON, Terry, L., Sr.**; 29-A N. New Street, Nazareth, PA 10864 (US). **MILLER, Richard, E.**; 83 San Juan Drive, Palm Coast, FL 32137 (US).

(74) **AUGUSTYN, John, M.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C09D 175/04, C08G 18/38, 18/62, 18/80, C09D 133/06, 5/04, C08K 3/36**

(11) **WO 00/71630** (13) A1

(21) PCT/EP00/04621

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 24 171.6 **25 May/mai 1999 (25.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COATING MATERIAL COMPRISING A MIXTURE THAT CONSISTS OF AT LEAST ONE WETTING AGENT AND OF UREAS AND/OR OF UREA DERIVATIVES SERVING AS THIXOTROPIC AGENTS
• SUBSTANCE DE REVETEMENT COMPORTANT UN MELANGE CONSTITUE D'AU MOINS UN AGENT MOUILLANT ET D'UREES ET/OU DE DERIVES D'UREE EN TANT QU'AGENT THIXOTROPE

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstr. 1, D-48165 Münster (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUMGART, Hubert** [DE/DE]; Am Dornbusch 44a, D-48163 Münster (DE). **SCHULZE-FINKENBRINK, Guido** [DE/DE]; Hartmannsbrook 141, D-48163 Münster (DE).

(74) **FITZNER, Uwe**; Lintorfer Str. 10, D-40878 Ratingen (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09D 201/00**

(11) **WO 00/71631** (13) A1

(21) PCT/FR00/01340

(22) **16 May/mai 2000 (16.05.2000)**

(25) fr (26) fr

(30) 99/06471 **21 May/mai 1999 (21.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROTECTIVE INSULATING COATING FORMULATED AS A HYDRODISPERSIBLE POLYCONDENSATE
• REVETEMENT ISOLANT ET PROTECTEUR FORMULE AVEC UN POLYCONDENSAT HYDRODISPERSIBLE

(71) **ATOFINA** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LOYEN, Karine** [FR/FR]; 155, rue Félix Faure, F-76620 Le Havre (FR). **LINEMANN, Reinhard** [FR/FR]; 5, rue Eugène Boudin, F-27300 Bernay (FR). **DUQUE, Baudouin** [FR/FR]; Hameau de Feuguerolles, Faisanderie, F-27800 Brionne (FR).

(74) **SARRAF, Tarek**; Atofina, Cours Michelet - La Défense 10, F-92091 Paris la Défense Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C09J 4/06, C09D 4/06, C08F 283/10**

(11) **WO 00/71632** (13) A1

(21) PCT/US00/13617

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 11/140204 **20 May/mai 1999 (20.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADHESIVE/SEALANT COMPOSITION AND BONDED STRUCTURE USING THE SAME
• COMPOSITION DE COLLE OU DE MASTIC ET STRUCTURE COLLEE AINSI REALISEE

(71) **3M INNOVATIVE PROPERTIES 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) **KITANO, Shuichi** [JP/JP]; 5-4-7-202 Chuou, Sagamihara-city, Kanagawa 229-0039 (JP). **IMAI, Koji** [JP/JP]; 37-11 Nishhasaku-cho, Midori-ku, Kanagawa 26-0024 (JP).

(74) **HAYWORTH, Melissa, M.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL

IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C09J 7/02**

(11) **WO 00/71633** (13) A1

(21) PCT/EP00/04505

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 780.8 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UNDRAWN SURFACE-PROTECTION FILM MADE FROM POLYPROPYLENE BLOCK COPOLYMERS
• FEUILLE POUR LA PROTECTION DE SURFACES, NON ETIREE, EN COPOLYMERE SEQUENCE DE POLYPROPYLENE

(71) **BEIERSDORF AG** [DE/DE]; Unnastrasse 48, D-20245 Hamburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BÖHM, Nicolai** [DE/DE]; Methfesselstrasse 23, D-20257 Hamburg (DE). **HIRSCH, Ralf** [DE/DE]; Finkenweg 2, D-25451 Quickborn (DE). **KLEMP, Jobst-Waldemar** [DE/DE]; Kirchenstrasse 39, D-22869 Schenefeld (DE). **MEYER, Robert** [DE/DE]; Langenharmer Weg 52, D-22844 Norderstedt (DE). **MÜSSIG, Bernhard** [DE/DE]; Eddelsener Weg 31, D-21218 Seevetal (DE).

(74) **BEIERSDORF AG**; Unnastrasse 48, D-20245 Hamburg (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09J 7/02, B32B 27/32, 25/00**

(11) **WO 00/71634** (13) A1

(21) PCT/US00/13739

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,590 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NON-FOGGING PRESSURE SENSITIVE ADHESIVE FILM MATERIAL
• ENSEMBLE FILM ADHESIF AUTOCOLLANT ANTIBUEE

(71) **TYCO INTERNATIONAL (US), INC.** [US/US]; 15 Hampshire Street, Mansfield, MA 02048 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAMISH, Abboud, L.** [US/US]; Six Tamarack Road, Natick, MA 01760 (US). **GOLDSMITH, Paul, S.** [US/US]; 20 Snake Brook Road, Wayland, MA 01778 (US). **SERRA, Jerry, M.** [US/US]; 11 Clydesdale Road, Chelmsford, MA 01824 (US).

(74) **MCDERMOTT, Peter, D.** et al. / etc.; Banner & Witcoff, Ltd., 28th floor, 28 State Street, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C09K 7/02, C08K 5/098, C08L 33/24**

(11) **WO 00/71635** (13) A1

(21) PCT/US00/13727

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,527 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/165,789 **16 Nov/nov 1999** US **(16.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYMER COMPOSITIONS
• COMPOSITIONS POLYMERIQUES

(71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109-1806 (US).

(72) **MILLER, Edward, E.**; 6417 Rainier Road, Plano, TX 75023 (US). **BENTON, William, J.**; 16723 Cimarron Drive, Magnolia, TX 77355 (US).

(74) **LANDO, Michelle, B.**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C09K 11/54**

(11) **WO 00/71636** (13) A1

(21) PCT/KR00/00497

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 1999/18916 **25 May/mai 1999** KR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PREPARING GREEN PHOSPHOR BASED ON ZINC ORTHOSILICATE
• PREPARATION DE LUMINOPHORE VERT A BASE D'ORTHOSILICATE DE ZINC

(71) **KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY** [KR/KR]; 100, Jang-dong, Yusung-ku, Daejeon 305-343 (KR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JUNG, Ha-Kyun** [KR/KR]; 116-1105, Hanbit Apt., 99, Uheun-dong, Yusung-ku, Daejeon 305-333 (KR). **SUNG, Bu, Young** [KR/KR]; 43-10, Doma-1 dong, Seo-ku, Daejeon 302-161 (KR). **PARK, Hee, Dong** [KR/KR]; 111-501, Hanbit Apt., 99, Uheun-dong, Yusung-ku, Daejeon 305-333 (KR).

(74) **HUH, Sang, Hoon**; Hyecheon Building, 13th floor, 831 Yeoksam-dong, Kangnam-ku, Seoul 135-792 (KR).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C09K 11/78, 11/67, 11/62, 11/02**

(11) **WO 00/71637** (13) A1

(21) PCT/GB00/01957

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911781.4 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COATED PHOSPHORS
• PHOSPHORES REVETUS

(71) **ISIS INNOVATION LIMITED** [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7BZ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOBSON, Peter, James** [GB/GB]; Dept. of Engineering Science, University of Oxford, Parks Road, Oxford OX1 3UB (GB). **WAKEFIELD, Gareth** [GB/GB]; 24 Meadow View, Water Eaton Road, Summertown, Oxford OX2 7QS (GB).

(74) **ELLIS-JONES, Patrick, George, Armine** et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C09K 17/40, A63K 1/00**

(11) **WO 00/71638** (13) A1

(21) PCT/US00/14577

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,341 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITION OF SOIL HAVING FIBERS AND BINDING SUBSTANCE
• COMPOSITION DE SOL COMPRENANT DES FIBRES ET UNE SUBSTANCE DE LIAISON

(71) **STABILIZER SOLUTIONS, INC.** [US/US]; 205 South 28th Street, Phoenix, AZ 85034 (US).

(72) **HUBBS, Jonathan, W.**; 4616 E. Cheery Lynn Drive, Phoenix, AZ 85018 (US).

(74) **LECHTER, Michael, A.** et al. / etc.; Squire, Sanders & Dempsey L.L.P., Two Renaissance Square, Suite 2700, 40 North Central Avenue, Phoenix, AZ 85004-4440 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C10G 21/00**

(11) **WO 00/71639** (13) A1

(21) PCT/US00/14160

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,074 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/531,733 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RAFFINATE HYDROCONVERSION PROCESS
• PROCEDE D'HYDROCONVERSION DU RAFFINAT

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US).

(72) **CODY, Ian, Alfred**; 7942C Wrenwood Boulevard, Baton Rouge, LA 70809 (US). **MURPHY, William, John**; 16445 Coliseum Avenue, Baton Rouge, LA 70816 (US). **GALLAGHER, John, E.**; 46 Big Spring Road, Califon, NJ 07830 (US). **BOYLE, Joseph, Philip**; 5431 South Woodchase Court, Baton Rouge, LA 70808-5203 (US). **ZINICOLA, Anne, M.**; Apt. #8111, 3121 Buffalo Speedway, Houston, TX 77098 (US). **MAY, Christopher, John**; 1571 Bove Court, Sarnia, Ontario N7S 4A7 (CA). **KIM, Jeenok, T.**; 521 Apache Trail, Morganville, NJ 07751 (US). **GROETSCH, John, Aloysius, III**; 1835 Monterrey Boulevard, Baton Rouge, LA 70815 (US). **HANTZER, Sylvain**; 37620 Seven Oaks Avenue, Prairieville, LA 70769 (US).

(74) **TAKEMOTO, James, H.** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C10G 33/08**

(11) **WO 00/71640** (13) A1

(21) PCT/CH00/00276

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 901.0 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND MEANS FOR ADDING DEMULSIFYING AGENTS TO A PROCESS TANK
• PROCEDE ET MOYEN POUR AJOUTER DES BRISEURS D'EMULSIONS DANS UNE CUVE DE TRAITEMENT

(71) **ABB RESEARCH LTD.** [CH/CH]; CH-8050 Zürich (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BYATT, Anthony** [GB/CH]; Liebefelsweg 31, CH-5313 Klingnau (CH). **MATTER, Daniel** [CH/CH]; Rebmoosweg 29A, CH-5200 Brugg (CH). **KLEINER, Thomas** [CH/CH]; Austrasse 13, CH-5415 Rieden-Nussbaumen (CH). **PRETRE, Philippe** [CH/CH]; Sommerhaldenstrasse 14, CH-5405 Baden-Dättwil (CH).

(74) **ABB BUSINESS SERVICES LTD.**; Intellectual Property (SLE-I), Haselstrasse 16/699, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C10G 45/12, B01J 29/08**

(11) **WO 00/71641** (13) A1

(21) PCT/FR00/01390

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06447 **19 May/mai 1999** FR **(19.05.1999)**

(30) 99/06449 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CATALYST COMPRISING A PARTIALLY AMORPHOUS ZEOLITE Y AND ITS USE IN HYDROCONVERSION OF HYDROCARBON OIL FEEDSTOCKS
• CATALYSEUR COMPRENANT UNE ZEOLITHE Y PARTIELLEMENT AMORPHE ET SON UTILISATION EN HYDROCONVERSION DE CHARGES PETROLIERES HYDROCARBONEES

(71) **INSTITUT FRANCAIS DU PETROLE** [FR/FR]; 1 et 4, avenue de Bois Préau, F-92852 Rueil Malmaison Cedex (FR).

(72) **BENAZZI, Eric**; 44, rue le Val Sablons, F-78400 Chatou (FR). **DEVES, Jean-Marie**; 30, allée des Vergers, F-78540 Vernouillet (FR). **REBOURS, Bernadette**; 1, place de la Grande Tour, F-95120 Ermont (FR). **CHAIGNE, Frédéric**; 30, rue des Etangs, F-85230 Beauvoir sur Mer (FR). **CSERI, Tivadar**; 5, Terrasse des Reflets, F-92400 Courbevoie (FR). **KASZTELAN, Slavik**; 27, rue Queneau, F-92500 Rueil Malmaison (FR).

(74) **ANDREEFF, François**; Institut Français du Pétrole, 1 et 4, avenue de Bois Préau, F-92852 Rueil Malmaison Cedex (FR).

(81) BR IN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C10G 59/02**

(11) **WO 00/71642** (13) A1

(21) PCT/US00/13686

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/318,164 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTI-STAGE REFORMING PROCESS USING RHENIUM-CONTAINING CATALYST IN THE FINAL STAGE
• PROCEDE DE REFORMAGE MULTIPHASE UTILISANT UN CATALYSEUR CONTENANT DU RHENIUM DANS LA PHASE FINALE

(71) **MOBIL OIL CORPORATION** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **ACHARYA, Madhav**; 105A Highland Boulevard, New Castle, DE 19720 (US). **BECK, Jeffrey, S.**; 1 Manchester Way, Burlington, NJ 08016 (US). **CRANE, Robert, A., Jr.**; 1367 Ellis Mill Road, Monroeville, NJ 08343 (US). **CHESTER, Arthur, W.**; 517 Country Club Drive, Cherry Hill, NJ 08003 (US). **KAPOOR, Vinaya, A.**; 247-03 Echelon Road, Kirkwood Voorhees, NJ 08043 (US). **KOVACS, Richard, C.**; 2 Pelham Court, Mantua, NJ 08051 (US). **STERN, David, L.**; 3906 Tarnbrook Drive, Mount Laurel, NJ 08054 (US).

(74) **LOO, Blossom, E.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP

KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C10G 67/04**

(11) **WO 00/71643** (13) A1

(21) PCT/US00/13062

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/316,659 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED PROCESS OILS AND MANUFACTURING PROCESS FOR SUCH USING EXTRACTION OF HYDROTREATED DISTILLATES
• HUILES DE TRAITEMENT AMELIOREES ET PROCEDE DE FABRICATION DE CES DERNIERES FAISANT APPEL A L'EXTRACTION DE DISTILLATS TRAITES PAR VOIE HYDRAULIQUE

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **ALDOUS, Keith, K.**; 2005 Oneida Court, League City, TX 77573 (US). **ANGELO, Jacob, Ben**; 5207 Cobble Lane, Spring, TX 77379 (US). **BOYLE, Joseph, Philip**; 5431 South Woodchase Court, Baton Rouge, LA 70808-5203 (US).

(74) **ALLOCCA, Joseph, J.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AU CA JP NO SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C10J 3/00**

(11) **WO 00/71644** (13) A2

(21) PCT/JP00/03269

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 11/142513 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRIC GENERATING SYSTEM BY GASIFICATION
• PROCEDE DE GENERATION D'ELECTRICITE PAR GAZEIFICATION

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FUJIMURA, Hiroyuki** [JP/JP]; Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **OSHITA, Takahiro** [JP/JP]; Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **MIYOSHI, Norihisa** [JP/JP]; Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **NARUSE, Katsutoshi** [JP/JP]; Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **KINOSHITA, Kazuo** [JP/JP]; Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **SU, Qingquan** [CN/JP]; Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(74) **WATANABE, Isamu** et al. / etc.; Gowa Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C10L 1/00**

(11) **WO 00/71645** (13) A1

(21) PCT/US00/13433

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/318,075 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/532,377 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDROCONVERSION PROCESS FOR MAKING LUBRICATING OIL BASESTOCKS
• PROCEDE D'HYDROCONVERSION DESTINE A LA PRODUCTION D'HUILES DE BASE POUR HUILE LUBRIFIANTE

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **CODY, Ian, Alfred**; 7942C Wrenwood Boulevard, Baton Rouge, LA 70809 (US). **MURPHY, William, John**; 16445 Coliseum Avenue, Baton Rouge, LA 70816 (US). **GALLAGHER, John, E.**; 46 Big Spring Road, Califon, NJ 07830 (US). **BOYLE, Joseph, Philip**; 5431 South Woodchase Court, Baton Rouge, LA 70808-5203 (US). **ZINICOLA, Anne, M.**; Apt. #8111, 3121 Buffalo Speedway, Houston, TX 77098 (US). **MAY, Christopher, John**; 1571 Bove Court, Sarnia, Ontario N7S 4A7 (CA). **KIM, Jeenok, T.**; 23 Stage Coach Drive, Holmdel, NJ 07733 (US). **GROETSCH, John, Aloysius, III**; 1835 Monterrey Boulevard, Baton Rouge, LA 70815 (US). **HANTZER, Sylvain**; 37620 Seven Oaks Avenue, Prairieville, LA 70769 (US).

(74) **TAKEMOTO, James, H.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA UZ VN YU ZA.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C10M 101/02**

(11) **WO 00/71646** (13) A1

(21) PCT/US00/14379

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,484 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MINERAL GEAR OILS AND TRANSMISSION FLUIDS
• HUILES MINERALES POUR ENGRENAGES ET LIQUIDES A TRANSMISSIONS

(71) **THE LUBRIZOL CORPORATION** [US/US]; 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

(72) **CAIN, Robert, W.**; 5235 Lynd Avenue, Lyndhurst, OH 44124 (US).

(74) **TRITT, William, C.**; Renner, Otto, Boisselle & Sklar, LLP, 19th floor, 1621 Euclid Avenue, Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **C10M 105/74, 137/16, G11B 5/72 // C10N 40:18**

(11) **WO 00/71647** (13) A1

(21) PCT/JP99/02751

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LUBRICANT FOR MAGNETIC RECORDING MEDIUM
• LUBRIFIANT POUR SUPPORT D'ENREGISTREMENT MAGNETIQUE

(71) **MATSUMURA OIL RESEARCH CORP.** [JP/JP]; 10-33, Ashihara-cho, Nishinomiya-shi, Hyogo 662-0842 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AKADA, Tamio** [JP/JP]; Matsumura Oil Research Corp., 10-33, Ashihara-cho, Nishinomiya-shi, Hyogo 662-0842 (JP). **FUJII, Yoshinobu** [JP/JP]; Matsumura Oil Research Corp., 10-33, Ashihara-cho, Nishinomiya-shi, Hyogo 662-0842 (JP). **KOBAYASHI, Nagayoshi** [JP/JP]; Matsumura Oil Research Corp., 10-33, Ashihara-cho, Nishinomiya-shi, Hyogo 662-0842 (JP). **FUJIMOTO, Rie** [JP/JP]; Matsumura Oil Research Corp., 10-33, Ashihara-cho, Nishinomiya-shi, Hyogo 662-0842 (JP).

(74) **TAMURA, Iwao**; Tamura Patent Office, 4-5-103, Terauchi 1-chome, Toyonaka-shi, Osaka 560-0872 (JP).

(81) JP SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C10M 141/06, 169/04, H01B 3/22, C07D 249/18 // (C10M 141/06, 129:10, 129:10, 133:12, 133:44) (C10M 169/04, 101:02, 129:10, 129:10, 133:12, 133:44), C10N 40:16**

(11) **WO 00/71648** (13) A1

(21) PCT/US00/13423

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,660 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH STRESS ELECTRICAL OIL
• HUILE ISOLANTE POUR CONTRAINTES D'INTENSITE ELEVEE

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US).

(72) **ANGELO, Jacob, Ben**; 5207 Cobble Lane, Spring, TX 77379 (US). **KENT, Christopher, Jeffrey, Still**; 7735 Menlo Drive, Baton Rouge, LA 70808 (US). **GRAGG, Frederick, Michael**; 1634 Lake Bluff Drive, El Lago, TX 77586 (US).

(74) **ALLOCCA, Joseph, J.** et al. / etc.; Exxon Mobil Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AU BR CA JP NO SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C10M 169/04, 163/00 // (C10M 163/00, 133:08, 133:16, 135:18, 137:10, 159:18, 159:22, 159:24) (C10M 169/04, 101:02, 129:10, 129:40, 129:54, 133:08, 133:16, 135:14, 135:18, 137:10, 159:18, 159:22, 159:24), C10N 10:04, 10:12, 30:06, 40:25**

(11) **WO 00/71649** (13) A1

(21) PCT/EP00/04109

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/314,510 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LUBRICATING OIL COMPOSITION CONTAINING LESS THAN 350 PPM MOLYBDENUM
• COMPOSITION D'HUILE LUBRIFIANTE CONTENANT MOINS DE 350 PPM DE MOLYBDENE

(71) **INFINEUM USA L.P.** [US/US]; Law Department, P.O. Box 710, 1900 East Linden Avenue, Linden, NJ 07036 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **INFINEUM UK LTD** [GB/GB]; Law Department, P.O. Box 1, Milton Hill Abingdon, Oxford, Oxfordshire OX13 6BB (GB).
*(only for / seulement pour GB)*

(72, 75) **FARNSWORTH, Gordon, Randall** [US/US]; 5 Fenimore Drive, Scotch Plains, NJ 07076 (US). **WADDOUPS, Malcolm** [US/US]; 7 Wychview Drive, Westfield, NJ 07090 (US). **ROLFE, John, Hartley** [US/US]; 20 Wynnewood Drive, Cranbury, NJ 08512 (US). **MIYOSHI, Taisuke** [JP/JP]; 19-10-111 Higashi-cho, Isogo-ku, Yokohama 235-0005 (JP). **BELL, Ian, Alexander, West** [GB/GB]; 34 Blenheim Way, Faringdon Road, Southmoor, Oxford, Oxfordshire OX13 5NQ (GB). **BIDWELL, Thomas, Richard** [US/US]; 974 Berlin Station Road, Delaware, OH 43015 (US). **ISHIKAWA, Takao** [JP/JP]; 25-6-13 Kasoudai, Negishi, Naka-ku, Yokohama-city, Kanagawa (JP).

(74) **MANSELL, Keith, Rodney**; Law Department, Infineum UK Ltd, P.O. Box 1, Milton Hill, Abingdon, Oxford, Oxfordshire OX13 6BB (GB).

(81) CA JP SG US.

(84) EP (BE DE FR GB IT NL).

---

(51)[7] **C11B 3/10, 1/10**

(11) **WO 00/71650** (13) A1

(21) PCT/EP00/04469

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 23 558.9 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PURIFYING NATURAL OILS, DEVICE SUITABLE THEREFOR AND USE OF SAID PRODUCTS
• PROCEDE DE PURIFICATION D'HUILES NATURELLES, DISPOSITIF Y RELATIF ET UTILISATION DES PRODUITS OBTENUS

(71) **KD PHARMA BEXBACH GMBH** [DE/DE]; Am Kraftwerk 4-6, D-66450 Bexbach (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRUMBHOLZ, Rudolf** [DE/FR]; 4, rue des Lys, F-57510 Holving (FR). **ENGELHARDT, Heinz** [DE/DE]; Kiefernstrasse 23, D-66129 Bübingen (DE). **SCHIRRA, Norbert** [DE/DE]; Schumannstrasse 46, D-66333 Völklingen (DE). **TREITZ, Manfred** [DE/DE]; Ludweilerstrasse 54, D-66352 Grossrosseln (DE).

(74) **ACKERMANN, Joachim**; Cohausenstrasse 1, D-65719 Hofheim/Ts. (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C11D**

(11) **WO 00/71651** (13) A2

(21) PCT/US00/14456

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,941 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYMERS, COMPOSITIONS AND METHODS OF USE FOR FOAMS, LAUNDRY DETERGENTS, SHOWER RINSES, AND COAGULANTS
• POLYMERES, COMPOSITIONS ET PROCEDES A UTILISER POUR DES MOUSSES, DES LESSIVES, DES PRODUITS DE RINÇAGE SOUS LA DOUCHE ET DES COAGULANTS

(71) **RHODIA INC.** [US/US]; CN 7500, 259 Prospect Plains Road, Cranbury, NJ 08512 (US).

(72) **BERGERON, Vance**; 78 ter, rue Commandant Charcot, F-69005 Lyon (FR). **YEUNG, Dominic, Wai-Kwing**; 3661 Golden Orchard Drive, Mississauga, Ontario L4Y 3J2 (CA). **BODET, Jean-François**; 5067 Plantation Court, Mason, OH 45040 (US). **SIVIK, Mark, Robert**; 2434 Sheffield Court, Ft. Mitchell, KY 41014 (US). **KLUESENER, Bernard, William**; 11619 New Biddinger Road, Harrison, OH 45030 (US). **SCHEPER, William, Michael**; 2393 Picnic Woods Drive, Lawrenceburg, IN 47025 (US).

(74) **VENTURINO, Anthony, P.**; Stevens, Davis, Miller & Mosher, L.L.P., Suite 850, 1615 L Street, N.W., Washington, DC 20036 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C11D**

(11) **WO 00/71652** (13) A2

(21) PCT/US00/14564

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,982 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETERGENT COMPOSITIONS COMPRISING POLYMERIC SUDS VOLUME AND SUDS DURATION ENHANCERS AND METHODS FOR WASHING WITH SAME
• COMPOSITIONS DETERGENTES COMPRENANT DES ADJUVANTS POLYMERES AUGMENTANT LA DUREE ET LE VOLUME DE LA MOUSSE, PROCEDES DE LAVAGE A L'AIDE DE CES COMPOSITIONS

(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) **KASTURI, Chandrika** [US/US]; 10044 Cliffwood Court, Cincinnati, OH 45241 (US). **SCHAFER, Michael, Gayle** [US/US]; 6032 South Kramer Drive, Alexandria, KY 41001 (US). **BODET, Jean-Francois** [FR/US]; 5067 Plantation Court, Mason, OH 45040 (US). **BERGER, Patricia, Sara** [AR/MX]; Ibsen 60#402 Polanco, Mexico, D.F. 11560 (MX). **SIVIK, Mark, Robert** [US/US]; 2434 Sheffield Court, Ft. Mitchell, KY 41017 (US). **SCHEPER, William, Michael** [US/US]; 2393 Picnic Woods Drive, Lawrenceburg, IN 47025 (US). **KLUESENER, Bernard, William** [US/US]; 11619 New Biddinger Road, Harrison, OH 45030 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C11D 1/37, 1/83, 1/94, 1/65, 3/20, 3/04, 3/48 // 1:29, 1:14, 1:75, 1:12, 1:66, 1:72, 1:52, 1:88, 1:04, 1:74**

(11) **WO 00/71653** (13) A1

(21) PCT/US00/14201

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,708 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTIBACTERIAL LIQUID HARD SURFACE CLEANING COMPOSITIONS
• COMPOSITIONS LIQUIDES ANTIBACTERIENNES POUR LE NETTOYAGE DE SURFACES DURES

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **ERILLI, Rita**; Avenue de Voroux 25, B-4000 Liege (BE).

(74) **NANFELDT, Richard, E.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C11D 1/66, 1/825, 17/00, 17/06, 11/00, 1/835**

(11) **WO 00/71654** (13) A1

(21) PCT/EP00/04327

(22) **13 May/mai 2000 (13.05.2000)**

(25) de (26) de

(30) 199 23 626.7 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING SURFACTANT GRANULATES
• PROCEDE DE PREPARATION DE GRANULAT DE TENSIO-ACTIFS

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstr. 67, D-40589 Düsseldorf (DE).

(72) **LIETZMANN, Andreas**; Am Nordbad 88, D-44805 Bochum (DE). **ASSMANN, Georg**; Dechant-Königs-Strasse 9, D-41363 Jüchen (DE). **RÄHSE, Wilfried**; Bahlenstrasse 168, D-40589 Düsseldorf (DE). **PAATZ, Kathleen**; Am Broichgraben 8, D-40589 Düsseldorf (DE). **SEMRAU, Markus**; Ilooweg 7, D-24644 Timmaspe (DE). **STURM, Mario**; Mohlenstrasse 17, D-51371 Leverkusen (DE).

(81) CZ HU PL RO SI SK.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C11D 1/83, 3/37, 1/722, 3/20, 1/44**

(11) **WO 00/71655** (13) A1

(21) PCT/US00/13925

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/317,508 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CAR WASH CLEANER
• PRODUIT DE LAVAGE DE VOITURE

(71) **S.C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

(72) **RUDIN, Richard, E.**; 1094 Sheridan Road, Kenosha, WI 53140 (US). **LOHR, Robert, H.**; 3110 Maurice Drive, Union Grove, WI 53182 (US).

(74) **BOZEK, Laura, L.** et al. / etc.; S.C. Johnson & Son, Inc., Patent Section, 1525 Howe Street, MS077, Racine, WI 53403 (US).

(81) BR CA JP MX ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C11D 3/32, 3/28, 7/32**

(11) **WO 00/71656** (13) A1

(21) PCT/EP00/04737

(22) **24 May/mai 2000 (24.05.2000)**

(25) de (26) de

(30) 199 23 943.6 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SANITARY CLEANING AGENT
• PURIFICATEUR POUR SANITAIRES

(71) **BBT BERGEDORFER BIOTECHNIK GMBH** [DE/DE]; Gojenbergsweg 89, D-21029 Hamburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BECKER, Klaus** [DE/DE]; Gojenbergsweg 89, D-21029 Hamburg (DE). **HAAKE, Manfred** [DE/DE]; Vogelsbergstrasse 35, D-35043 Marburg (DE).

(74) **HAGEMANN, Heinrich** et al. / etc.; Hagemann, Braun & Held, Postfach 86 03 29, D-81630 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C11D 3/37, 17/06, 11/00, 17/00, 3/43**

(11) **WO 00/71657** (13) A1

(21) PCT/EP00/04328

(22) **13 May/mai 2000 (13.05.2000)**

(25) de (26) de

(30) 199 23 627.5 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING SURFACTANT GRANULATES
• PROCEDE DE PREPARATION DE GRANULAT DE TENSIO-ACTIFS

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstr. 67, D-40589 Düsseldorf (DE).

(72) **LIETZMANN, Andreas**; Am Nordbad 88, D-44805 Bochum (DE). **PAATZ, Kathleen**; Am Broichgraben 8, D-40589 Düsseldorf (DE). **RÄHSE, Wilfried**; Bahlenstr. 168, D-40589 Düsseldorf (DE). **SEMRAU, Markus**; Ilooweg 7, D-24644 Timmaspe (DE). **EBRAHIMZADEH, Keiwan**; Am Nettchesfeld 38, D-40589 Düsseldorf (DE).

(81) CZ HU PL RO SI SK.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C11D 3/37, A61K 7/48, C11D 3/30**

(11) **WO 00/71658** (13) A1

(21) PCT/US00/14405

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,888 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETERGENT COMPOSTITIONS COMPRISING POLYMERIC SUDS ENHANCERS WHICH HAVE IMPROVED MILDNESS AND SKIN FEEL

• COMPOSITIONS DETERGENTS COMPRENANT DES RENFORÇATEURS DE SAVONNAGE POLYMERES OFFRANT UNE PLUS GRANDE DOUCEUR ET UNE MEILLEURE SENSATION AU CONTACT DE LA PEAU

(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) **KASTURI, Chandrika** [US/US]; 10044 Cliffwood Court, Cincinnati, OH 45241 (US). **SCHAFER, Michael, Gayle** [US/US]; 6032 South Kramer Drive, Alexandria, KY 41001 (US). **SPEARS, Marsha, Jean** [US/US]; 21 Hartweg Avenue, Ft. Thomas, KY 41075 (US). **HUTTON, Howard, David** [US/US]; 6611 Oregonia Road, Oregonia, OH 45054 (US). **SIVIK, Mark, Robert** [US/US]; 2434 Sheffield Court, Ft. Mitchell, KY 41017 (US). **SCHEPER, William, Michael** [US/US]; 2393 Picnic Woods Drive, Lawrenceburg, IN 47025 (US). **KLUESENER, Bernard, William** [US/US]; 11619 New Biddinger Road, Harrison, OH 45030 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C11D 3/37, 3/00, 17/00, 3/30**

(11) **WO 00/71659** (13) A1

(21) PCT/US00/14427

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,519 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIQUID DETERGENT COMPOSITIONS COMPRISING POLYMERIC SUDS ENHANCERS

• COMPOSITIONS DE DETERGENT LIQUIDE CONTENANT DES ACTIVATEURS POLYMERES BLOC DE MOUSSE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). **RHODIA, INC.** [CA/CA]; 3265 Wolfedale Road, Mississauga, Ontario L5C 1V8 (CA).

(72) **SIVIK, Mark, Robert**; 2434 Sheffield Court, Ft. Mitchell, KY 41014 (US). **BODET, Jean-Francois**; 5067 Plantation Court, Mason, OH 45040 (US). **KLUESENER, Bernard, William**; 11619 New Biddinger Road, Harrison, OH 45030 (US). **SCHEPER, William, Michael**; 2393 Picnic Woods Drive, Lawrenceburg, IN 47025 (US). **BERGERON, Vance**; 70 Rue Cmdt. Charcot, F-69005 Lyon (FR). **YEUNG, Dominic, Wai-Kwing**; 3661 Golden Orchard Drive, Mississauga, Ontario L4Y 3J2 (CA).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C11D 3/37, 3/30, 3/00**

(11) **WO 00/71660** (13) A1

(21) PCT/US00/14428

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,022 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIQUID DETERGENT COMPOSITIONS COMPRISING BLOCK POLYMERIC SUDS ENHANCERS

• COMPOSITIONS DE DETERGENT LIQUIDE CONTENANT DES ACTIVATEURS POLYMERES BLOC DE MOUSSE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; 1 Procter & Gamble Plaza, Cincinnati, OH 45202 (US). **RHODIA, INC.** [CA/CA]; 3265 Wolfedale Road, Mississauga, Ontario L5C 1V8 (CA).

(72) **BODET, Jean-François**; 5067 Plantation Court, Mason, OH 45040 (US). **SIVIK, Mark, Robert**; 2434 Sheffield Court, Ft. Mitchell, KY 41014 (US). **KLUESENER, Bernard, William**; 11619 New Biddinger Road, Harrison, OH 45030 (US). **SCHEPER, William, Michael**; 2393 Picnic Woods Drive, Lawrenceburg, IN 47025 (US). **BERGERON, Vance**; 70 Rue Commandant Charcot, F-69005 Lyon (FR). **YEUNG, Dominic, Wai-Kwing**; 3661 Golden Orchard Drive, Mississauga, Ontario L4Y 3J2 (CA).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C11D 3/48, 1/83, 3/20, A01N 25/30, 25/02 // C11D 1/66, 1/14**

(11) **WO 00/71661** (13) A1

(21) PCT/GB00/01859

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911818.4 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOW RESIDUE AQUEOUS HARD SURFACE CLEANING COMPOSITIONS PARTICULARLY ADAPTED FOR CLEANING GLASS AND GLOSSY HARD SURFACES

• COMPOSITIONS AQUEUSES DE NETTOYAGE DE SURFACES DURES A

FAIBLE RESIDU PARTICULIEREMENT ADAPTEES POUR LE NETTOYAGE DE SURFACES DURES EN VERRE BRILLANTES

(71) **RECKITT BENCKISER INC.** [US/US]; 1655 Valley Road, Wayne, NJ 07474 (US).
*(for all designated States except / pour tous les États désignés sauf MN US)*

(71) **RECKITT & COLMAN PRODUCTS LIMITED** [GB/GB]; 67 Alma Road, Windsor, Berkshire SL4 3HD (GB).
*(only for / seulement pour MN)*

(72, 75) **HARRISON, Kenneth, Allen** [US/US]; 298 Main Street, Goshen, New York, NY 10924 (US). **WELLER, Jeanne, Marie** [US/US]; 36 Crestwood Drive, Glen Rock, NJ 07452 (US). **LYNCH, Ann, Marie** [US/US]; 20 Stonefield Road, Glen Rock, NJ 07452 (US).

(74) **DICKSON, Elizabeth, Anne**; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C11D 3/48, 1/86, 1/835, 3/20, A01N 25/02, 25/30, 33/12 // C11D 1/04, 1/10, 1/62, 1/74, 1/75**

(11) **WO 00/71662** (13) A1

(21) PCT/GB00/01860

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911816.8 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOW RESIDUE AQUEOUS HARD SURFACE CLEANING AND DISINFECTING COMPOSITIONS
• COMPOSITIONS NETTOYANTES ET DESINFECTANTES AQUEUSES POUR SURFACES DURES LAISSANT PEU DE RESIDUS

(71) **RECKITT BENCKISER INC.** [US/US]; 1655 Valley Road, Wayne, NJ 07474 (US).
*(for all designated States except / pour tous les États désignés sauf MN US)*

(71) **RECKITT & COLMAN PRODUCTS LIMITED** [GB/GB]; 67 Alma Road, Windsor, Berkshire SL4 3HD (GB).
*(only for / seulement pour MN)*

(72, 75) **HARRISON, Kenneth, Allen** [US/US]; 298 Main Street, Goshen, NY 10924 (US). **WELLER, Jeanne, Marie** [US/US]; 36 Crestwood Drive, Glen Rock, NJ 07452 (US). **LYNCH, Ann, Marie** [US/US]; 20 Stonefield Road, Glen Rock, NJ 07452 (US).

(74) **DICKSON, Elizabeth, Anne**; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C11D 7/14, 7/32**

(11) **WO 00/71663** (13) A1

(21) PCT/US00/14074

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,567 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STAIN REMOVING COMPOSITIONS
• COMPOSITIONS ANTITACHES

(71) **CALWOOD CHEMICAL INDUSTRIES, INC.** [US/US]; 5331 Landing Road, Elkridge, MD 21227 (US).

(72) **CALTON, Gary**; 5331 Landing Road, Elkridge, MD 21227 (US). **COOK, John, B.**; 703 Creekview Circle, Phoenixville, PA 19460 (US).

(74) **ARTALE, Beverly, J.**; Suite 001, 3826 Sunflower Circle, Mitchellville, MD 20721 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C11D 7/50, C23G 5/032**

(11) **WO 00/71664** (13) A1

(21) PCT/US00/06579

(22) **13 Mar/mar 2000 (13.03.2000)**

(25) en (26) en

(30) 09/315,763 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENVIRONMENTALLY SAFE SOLVENT COMPOSITION
• PREPARATION FORMANT SOLVANT, NE NUISANT PAS A L'ENVIRONNEMENT

(71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(72) **LALLY, Edward, D.**; 1731 E. Marshall Place, Long Beach, CA 90807 (US). **MENKE, Richard, J.**; 8921 Bellshire Drive, Huntington Beach, CA 92646 (US).

(74) **GULLETTE, Robert, L.**; The Boeing Company, P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C11D 17/00, 3/20, 3/34**

(11) **WO 00/71665** (13) A1

(21) PCT/EP00/04150

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 22 824.8 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ACIDIC, AQUEOUS, MULTI-PHASE CLEANING AGENT
• NETTOYANT AQUEUX ACIDE A PLUSIEURS PHASES

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).

(72) **MEINE, Georg**; Hofstadt 4, D-40822 Mettmann (DE). **KATOWICZ, Ryszard**; Am Falder 22, D-40589 Düsseldorf (DE).

(81) AU BR CN CZ HU ID IL IN JP KR MX PL RO RU SG SI SK TR UA ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C11D 17/00, 3/39, 3/386**

(11) **WO 00/71666** (13) A1

(21) PCT/EP00/04432

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911949.7 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETERGENT COMPOSITIONS
• COMPOSITIONS DE DETERGENT

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
*(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
*(only for / seulement pour IN)*

(72) **VAN ASPEREN, Anja, Leonarda, M.**; Unilever Research Vlaardingen, Olivier Van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **VAN DER GOOT, Atze, Jan**; c/o Wageningen Universiteit en Researchcentrum, Wageningen Universiteit, Postbus 9101, NL-6700 HB Wageningen (NL). **LAMMERS, Rene**; c/o Unilever Thail Holdings Ltd, 411 Srinakarin Road, Suanluang, 10250 Bangkok (TH). **LIEM, Seeng, Djiang**; Unilever Research Vlaardingen, Olivier Van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **NIEMANTSVERDRIET, Robert, Ernst**; Unilever Research Vlaardingen, Olivier Van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **VAN DER VEEN, Mark**; c/o Wageningen Universiteit en Researchcentrum, Wageningen Universiteit, Postbus 9101, NL-6700 HB Wageningen (NL). **VAN DER WAAL, Patrick**; Unilever Research Vlaardingen, Olivier Van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(74) **HODGETTS, Catherine, Dawn**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C11D 17/00, 1/83, 3/20 // 1:14, 1:29, 1:72**

(11) **WO 00/71667** (13) A1

(21) PCT/US00/13969

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,793 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ACIDIC LIGHT DUTY LIQUID CLEANING COMPOSITIONS
• COMPOSITIONS DE NETTOYAGE LIQUIDES ACIDES POUR UTILISATIONS LEGERES

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **LEONARD, Isabelle**; 167, rue Saint-Jacques, B-6032 Mont-sur-Marchiennes (BE). **MASSAUX, Jean**; Rue Hansez 80C, B-4877 Olne (BE). **TOUSSAINT, Christine**; No. 9 Voie du Frainay, B-4537 Verlaine (BE). **BLANVALET, Claude**; Rue Bossy 61, B-4031 Angleur (BE).

(74) **NANFELDT, Richard, E.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12G**

(11) **WO 00/71668** (13) A2

(21) PCT/US00/14041

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/136,145 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR IDENTIFYING COMPONENTS INVOLVED IN SIGNAL TRANSDUCTION PATHWAYS IN HIGHER PLANTS
• PROCEDE D'IDENTIFICATION DE COMPOSANTS IMPLIQUES DANS LES MECANISMES DE TRANSDUCTION DE SIGNAUX DANS LES PLANTES SUPERIEURES

(71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA** [US/US]; 3835 Holdrege Street, Lincoln, NE 68588-0745 (US).

(72) **RHOADES, David, M.**; The Board of Regents of the University of Nebraska, 3835 Holdrege Street, Lincoln, NE 68588-0745 (US).

(74) **GOFF, Christopher, M.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12M 1/34**

(11) **WO 00/71669** (13) A1

(21) PCT/EP00/03860

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) de (26) de

(30) 199 20 811.5 **6 May/mai 1999** DE **(06.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DISPOSITIF POUR EFFECTUER DES ANALYSES SUR DES CULTURES CELLULAIRES

(71) **MICRONAS GMBH** [DE/DE]; Hans-Bunte-Strasse 19, D-79108 Freiburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEHMANN, Mirko** [DE/DE]; Tennenbacher Strasse 50a, D-79106 Freiburg (DE). **BRISCHWEIN, Martin** [DE/DE]; Reutestrasse 12, D-79100 Freiburg (DE). **BAUMANN, Werner** [DE/DE]; Riedbergstrasse 36, D-79100 Freiburg (DE). **EHRET, Ralf** [DE/DE]; Enggasse 19, D-79291 Merdingen (DE). **FREUND, Ingo** [DE/DE]; Obermühlenweg 1, D-79235 Vogtsburg-Oberrotweil (DE). **WOLF, Bernhard** [DE/DE]; Andreasstrasse 12, D-79252 Stegen (DE).

(74) **SCHMITT, Hans** et al. / etc.; Dreikönigstrasse 13, D-79102 Freiburg (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C12N**

(11) **WO 00/71670** (13) A2

(21) PCT/US00/13637

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,280 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR ENHANCING CELLULOSE AND MODIFYING LIGNIN BIOSYNTHESIS IN PLANTS
• PROCEDE ACCROISSANT LA CELLULOSE ET MODIFIANT LA BIOSYNTHESE DE LA LIGNINE DANS LES PLANTES

(71) **BOARD OF CONTROL OF MICHIGAN TECHNOLOGICAL UNIVERSITY** [US/US]; 1400 Townsend Drive, Houghton, MI 49931 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHIANG, Vincent, L.** [US/US]; 1104 Birch Street, Hancock, MI 49930 (US). **WU, Luguang** [CN/AU]; 123 Akuna Street, Kenmore, QLD 4069 (AU). **CHANDRASHEKHAR, Joshi, P.** [IN/US]; 713 Cedar Bluff Drive, Houghton, MI 49931 (US). **CARRAWAY, Daniel, T.** [US/US]; 1910 Rich Street, Bainbridge, GA 31717 (US).

(74) **GEMIGNANI, Joseph, A.**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ

CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N**

(11) **WO 00/71671** (13) A2

(21) PCT/US00/14726

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,238 **26 May/mai 1999** US **(26.05.1999)**

(30) Not furnished / non communiqué **26 May/mai 2000** US **(26.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEW MUTANT GENES IN FAMILIAL BRITISH DEMENTIA AND FAMILIAL DANISH DEMENTIA
• NOUVEAUX GENES MUTANTS DANS LA DEMENCE FAMILIALE BRITANNIQUE ET LA DEMENCE FAMILIALE DANOISE

(71) **NEW YORK UNIVERSITY** [US/US]; 70 Washington Square North, New York, NY 10012 (US).

(72) **GHISO, Jorge**; 47-09 88 Street, Elmhurst, NY 11373 (US). **VIDAL, Ruben**; 45 Vista Hill Road, Great Neck, NY 11021 (US). **FRANGIONE, Blas**; 330 (E) 38 Street, Apt. 35B, New York, NY 10016 (US).

(74) **LIVNAT, Shmuel**; Rader, Fishman & Grauer PLLC, Suite 501, 1233 20th Street, NW, Washington, DC 20036 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 1/00, C12P 1/00**

(11) **WO 00/71672** (13) A1

(21) PCT/EP00/04364

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 784.0 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UTILIZATION OF MICROEMULSIONS IN FERMENTATION PROCESSES
• UTILISATION DE MICRO-EMULSIONS DANS DES PROCEDES DE FERMENTATION

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WEGENER, Matthias** [DE/DE]; Benrather Schlossallee 92, D-40597 Düsseldorf (DE). **MOLITOR, Jean-Pierre** [LU/DE]; Am Nettchesfeld 28, D-40589 Düsseldorf (DE). **DE HAUT, Christian** [FR/FR]; 53, B. de Seine, F-77310 Boissise le Roi (FR). **ABRIBAT, Benoit** [FR/FR]; 22, rue de la Messe, F-91490 Dannemois (FR). **ROGGE, Bent** [DE/DE]; Linienstrasse 46, D-40227 Düsseldorf (DE).

(81) BG BR CN CZ HU IN JP KR MX NO PL RO SI SK TR UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C12N 1/00**

(11) **WO 00/71673** (13) A1

(21) PCT/EP00/04367

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 760.3 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UTILIZATION OF SELF-EMULSIFYING OILS IN FERMENTATION PROCESSES
• UTILISATION D'HUILES AUTO-EMULSIFIANTES DANS DES PROCEDES DE FERMENTATION

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstr. 67, D-40589 Düsseldorf (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOLITOR, Jean-Pierre** [LU/DE]; Am Nettchesfeld 28, D-40589 Düsseldorf (DE). **DE HAUT, Christian** [FR/FR]; 53, B. de Seine, F-77310 Boissise-le-Roi (FR). **ABRIBAT, Benoit** [FR/FR]; 22, rue de la Messe, F-91490 Dannemois (FR). **WEGENER, Matthias** [DE/DE]; Benrather Schlossallee 92, D-40597 Düsseldorf (DE). **ROGGE, Bent** [DE/DE]; Linienstr. 46, D-40227 Düsseldorf (DE).

(81) BG BR CN CZ HU IN JP KR MX NO PL RO SI SK TR UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C12N 1/00, C12Q 1/04**

(11) **WO 00/71674** (13) A1

(21) PCT/JP00/03128

(22) **16 May/mai 2000 (16.05.2000)**

(25) ja (26) ja

(30) 11/138811 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SIMPLE CULTURE MEDIUM AND METHOD FOR PREPARATION THEREOF
• MILIEU DE CULTURE SIMPLE ET SON PROCEDE DE PREPARATION

(71) **NISSUI PHARMACEUTICAL CO., LTD.** [JP/JP]; 11-1, Sugamo 2-chome, Toshima-ku, Tokyo 170-0002 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIZUOCHI, Shingo** [JP/JP]; Nissui Pharmaceutical Co., Ltd., 1075-2, Hokunanmoro, Yuuki-shi, Ibaraki 307-0036 (JP). **KODAKA, Hidemasa** [JP/JP]; Nissui Pharmaceutical Co., Ltd., 1075-2, Hokunanmoro, Yuuki-shi, Ibaraki 307-0036 (JP). **SHIBATA, Hideaki** [JP/JP]; Nissui Pharmaceutical Co., Ltd., 1075-2, Hokunanmoro, Yuuki-shi, Ibaraki 307-0036 (JP).

(74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Bldg., 3-6, Nihonbashiningyocho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 1/06, 13/00, C12Q 1/04, 1/06, 1/34, 1/66**

(11) **WO 00/71675** (13) A1

(21) PCT/US00/13758

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,910 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR RAPIDLY DETECTING AND ENUMERATING MICROORGANISMS IN MAMMALIAN CELL PREPARATIONS USING ATP BIOLUMINESCENCE
• METHODE DE DETECTION ET DE DENOMBREMENT RAPIDES DE MICRO-ORGANISMES DANS DES PREPARATIONS DE CELLULES MAMMALIENNES PAR BIOLUMINESCENCE DE L'ATP

(71) **MILLIPORE CORPORATION** [US/US]; 80 Ashby Road, Bedford, MA 01730 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PRESENTE, Esther** [US/US]; 259 Hartman Road, Newton, MA 02459 (US). **YOUNG, Barbara** [US/US]; 153 Parker Road, Needham, MA 02194 (US). **UPPERMAN, Susan** [US/US]; 3 Hidden Valley Road, Westford, MA 01886 (US).

(74) **LEMACK, Kevin, S.** et al. / etc.; Nields, Lemack & Dingman, Suite 8, 176 E. Main Street, Westboro, MA 01581 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 1/26, 1/20**

(11) **WO 00/71676** (13) A1

(21) PCT/EP00/04365

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 785.9 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UTILIZATION OF PIT EMULSIONS IN FERMENTATION PROCESSES
• UTILISATION D'EMULSIONS PIT DANS DES PROCEDES DE FERMENTATION

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WEGENER, Matthias** [DE/DE]; Benrather Schlossallee 92, D-40597 Düsseldorf (DE). **MOLITOR, Jean-Pierre** [LU/DE]; Am Nettchesfeld 28, D-40589 Düsseldorf (DE). **DE HAUT, Christian** [FR/FR]; 53, boulevard de Seine, F-77310 Boissise le Roi (FR). **ABRIBAT, Benoit** [FR/FR]; 22, rue de la Messe, F-91490 Dannemois (FR). **ROGGE, Bent** [DE/DE]; Linienstrasse 46, D-40227 Düsseldorf (DE).

(81) BG BR CN CZ HU IN JP KR MX NO PL RO SI SK TR UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 5/00, G06F 15/80, C03C 17/34, 17/42**

(11) **WO 00/71677** (13) A1

(21) PCT/EP00/04517

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 99 109 853.4 **19 May/mai 1999** EP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PROVIDING A SUBSTRATE STRUCTURE FOR ORIENTED NEURITE OUTGROWTH, SUBSTRATE STRUCTURE, AND DEVICE FOR MONITORING NEURONS
• REALISATION D'UNE STRUCTURE DE SUBSTRAT PERMETTANT LA FORMATION APRES COUP DE NEURITES ORIENTES, STRUCTURE DE SUBSTRAT, ET DISPOSITIF DE SURVEILLANCE DES NEURONES

(71) **SONY INTERNATIONAL (EUROPE) GMBH** [DE/DE]; Kemperplatz 1, D-10785 Berlin (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NELLES, Gabriele** [DE/DE]; Sony Europe GmbH, Hedelfinger Str. 61, D-70327 Stuttgart (DE). **YASUDA, Akio** [JP/DE]; Sony Europe GmbH, Hedelfinger Str. 61, D-70327 Stuttgart (DE).

(74) **SCHOHE, Stefan** et al. / etc.; Boehmert & Boehmert, Franz-Joseph-Str. 38, D-80801 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 5/02, 7/00, 7/01, 7/02**

(11) **WO 00/71678** (13) A1

(21) PCT/US00/14448

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,949 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INDUCIBLE PACKAGING CELL LINES FOR LENTIVIRUS VECTORS
• LIGNEES CELLULAIRES INDUCTIBLES D'EMPAQUETAGE POUR LA PRODUCTION DE VECTEURS LENTIVIRAUX

(71) **UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY** [—/US]; Liberty Plaza, 335 George Street, New Brunswick, NJ 08903-2688 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOUGHERTY, Joseph, P.** [US/US]; 18 Wolfs Farm Road, Hampton, NJ 08827 (US). **ADELSON, Martin, E.** [US/US]; 136 Brookside Lane, Hillsborough, NJ 08854-5635 (US). **KAUL, Malvika** [IN/US]; 38 Carlton Club Drive, Piscataway, NJ 08854-5635 (US). **PACCHIA, Annmarie, L.** [US/US]; 290 River Road, Apt. G-4, Piscataway, NJ 08854-5635 (US). **RON, Yacov** [US/US]; Three Laurie Drive, East Brunswick, NJ 08816 (US).

(74) **REED, Janet, E.** et al. / etc.; Saul, Ewing, Remick & Saul, Centre Square West, 1500 Market Street, 38th floor, Philadelphia, PA 19102-2186 (US).

(81) AU CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 9/00**

(11) **WO 00/71679** (13) A2

(21) PCT/US00/13879

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,049 **20 May/mai 1999** US **(20.05.1999)**

(30) 60/136,740 **27 May/mai 1999** US **(27.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OXIDOREDUCTASE PROTEINS
• PROTEINES D'OXYDOREDUCTASE

(63) US 60/136,740 (CIP) 27 May/mai 1999 (27.05.1999)
US 60/135,049 (CIP) 20 May/mai 1999 (20.05.1999)

(71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94043 (US). **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **LU, Dyung, Aina, M.** [US/US]; 55 Park Belmont Place, San Jose, CA 95136 (US).

(74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 9/02, C12P 31/00**

(11) **WO 00/71680** (13) A1

(21) PCT/AU00/00485

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0539 **24 May/mai 1999** AU **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A PROCESS FOR PRODUCING PROSTAGLANDIN SYNTHETASE AND PROSTAGLANDINS
• PROCEDE DE FABRICATION DE PROSTAGLANDINE SYNTHETASE ET DE PROSTAGLANDINES

(71) **SPHINX MILLENIUM PTY LTD** [AU/AU]; 127 Thistlewaite Street, South Melbourne, Victoria 3205 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BENDING, Andrew** [AU/AU]; Level 10, 114 Albert Road, South Melbourne, Victoria 3205 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(81) AU CA JP KR NZ US.

---

(51)[7] **C12N 9/22, 9/10, C12Q 1/68, 1/25, 1/48**

(11) **WO 00/71681** (13) A1

(21) PCT/GB00/02034

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912179.0 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A POLYNUCLEOTIDE MOTOR, A MOTOR SYSTEM, THEIR PREPARATION AND USES
• MOTEUR POLYNUCLEOTIDIQUE, SYSTEME DE MOTEUR, PREPARATION ET UTILISATIONS DE CES DERNIERS

(71) **UNIVERSITY OF PORTSMOUTH** [GB/GB]; University House, Winston Churchill Avenue, Portsmouth PO1 2UP (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FIRMAN, Keith** [GB/GB]; University of Portsmouth, University House, Winston Churchill Avenue, Portsmouth PO1 2UP (GB).

(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/52, C12Q 1/37**

(11) **WO 00/71682** (13) A2

(21) PCT/EP00/04561

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99109944.1 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CRYSTAL STRUCTURE DATA OF CYSTEINPROTEASE GINGIPAIN R
• DONNEES RELATIVES A LA STRUCTURE CRISTALLINE D'UNE CYSTEINE PROTEASE DENOMMEE ≤GINGIPAIN R≥

(71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, D-80539 München (DE). **THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION , INC.** [US/US]; Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EICHINGER, Andreas** [DE/DE]; Ickstattstrasse 20, 80469 München (DE). **BEISEL, Hans-Georg** [DE/DE]; Ungererstrasse 108, D-80805 München (DE). **BODE, Wolfram** [DE/DE]; Tulpenstrasse 5, D-82131 Gauting (DE). **HUBER, Robert** [DE/DE]; Schlesierstrasse 13, D-82110 Germering (DE). **MORODER, Luis** [DE/DE]; Alexander-Fleming-Strasse 10, D-82152 München (DE). **TRAVIS, James** [US/US]; 825 Riverbend Parkway, Athens, GA 30605 (US). **POTEMPA, Jan** [PL/US]; Apartment 102, 170 Barrington Drive, Athens, GA 30605 (US). **ALEFELDER, Stefan** [DE/DE]; Fröttmaninger Strasse 25, D-80805 München (DE). **PLEINER, Eva** [DE/DE]; Maximilianstrasse 12, D-82140 Olching (DE). **STÜRZEBECHER, Jörg** [DE/DE]; Hubertusstrasse 38, D-99094 Erfurt/Rhoda (DE).

(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D-81679 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71683** (13) A1

(21) PCT/DK00/00234

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00710 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 130 AND 131
• ENZYMES SUBTILASE DES SOUS-GROUPES I-S1 ET I-S2 POSSEDANT AU MOINS UN ACIDE AMINE ADDITIONNEL ENTRE LES POSITIONS 130 ET 131

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71684** (13) A1

(21) PCT/DK00/00235

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00705 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 131 AND 132
• SUBTILASES DES SOUS- GROUPES I-S1 ET I-S2 COMPRENANT AU MOINS UN RESIDU D'ACIDE AMINE ADDITIONNEL ENTRE LES POSITIONS 131 ET 132

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71685** (13) A1

(21) PCT/DK00/00236

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00704 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 132 AND 133
• ENZYMES SUBTILASES DES SOUS-GROUPES I-S1 ET I-S2 RENFERMANT AU MOINS UN RESIDU D'ACIDE AMINE SUPPLEMENTAIRE ENTRE LES POSITIONS 132 ET 133

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71686** (13) A1

(21) PCT/DK00/00237

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00701 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 97 AND 98

• ENZYMES SUBTILASES DES SOUS-GROUPES I-S1 ET I-S2 POSSEDANT AU MOINS UN RESIDU D'ACIDE AMINE SUPPLEMENTAIRE ENTRE LES POSITIONS 97 ET 98

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK). **ANDERSEN, Carsten**; Hoejeloft Vaenge 162, DK-3500 Værløse (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71687** (13) A1

(21) PCT/DK00/00238

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00711 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 129 AND 130

• ENZYMES SUBTILASES DES SOUS-GROUPES I-S1 ET I-S2 POSSEDANT AU MOINS UN RESIDU D'ACIDE AMINE ADDITIONNEL ENTRE LES POSITIONS 129 ET 130

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71688** (13) A1

(21) PCT/DK00/00239

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00708 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 126 AND 127

• ENZYMES SUBTILASES DES SOUS-GROUPES I-S1 ET I-S2 COMPRENANT AU MOINS UN RESTE D'ACIDE AMINE ADDITIONNEL ENTRE LES POSITIONS 126 ET 127

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71689** (13) A1

(21) PCT/DK00/00240

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00707 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 127 AND 128

• ENZYMES SUBTILASES DES SOUS GROUPES I-S1 ET I-S2 POSSEDANT AU MOINS UN RESIDU ACIDE AMINE SUPPLEMENTAIRE ENTRE LES POSITIONS 127 ET 128

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71690** (13) A1

(21) PCT/DK00/00241

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00712 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 128 AND 129

• ENZYMES SUBTILASES DES -SOUS GROUPES I-S1 ET I-S2 POSSEDANT AU MOINS UN RESIDU ACIDE AMINE SUPPLEMENTAIRE ENTRE LES POSITIONS 128 ET 129

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR

GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/54, 9/58 // C11D 3/386**

(11) **WO 00/71691** (13) A1

(21) PCT/DK00/00242

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00709 **20 May/mai 1999** DK **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AT LEAST ONE ADDITIONAL AMINO ACID RESIDUE BETWEEN POSITIONS 125 AND 126
• ENZYMES DE SUBTILASE DES SOUS-GROUPES I-S1 ET I-S2 POSSEDANT AU MOINS UN RESIDU SUPPLEMENTAIRE D'ACIDE AMINE ENTRE LES POSITIONS 125 ET 126

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) **VILBOUR ANDERSEN, Kim**; Tåsingegade 31 4.th., DK-2100 Copenhagen Ø (DK). **MIKKELSEN, Frank, F.**; Bykildevej 5 st.tv., DK-2500 Valby (DK). **KAMP HANSEN, Peter**; Store Stensager 22, DK-4320 Lejre (DK). **NØRREGAARD-MADSEN, Mads**; Munkerisvej 31 2tv, DK-5230 Odense M (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 9/74, C07K 1/113**

(11) **WO 00/71692** (13) A1

(21) PCT/GB00/01827

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 9911689.9 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REFOLDING METHOD OF THROMBIN
• PROCEDE DE REPLIEMENT DE THROMBINE

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FERSHT, Alan** [GB/GB]; MRC Unit for Protein Function and Design, Department of Chemistry, Lensfield Road, Cambridge CB2 1EW (GB).

(74) **MASCHIO, Antonio** et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/00**

(11) **WO 00/71693** (13) A2

(21) PCT/GB00/01964

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911963.8 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9911975.2 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR SELECTING IMPROVED VECTORS
• SELECTION DE VECTEURS AMELIORES

(71) **OXFORD BIOMEDICA (UK) LIMITED** [GB/GB]; Medawar Center, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KINGSMAN, Alan, John** [GB/GB]; Oxford BioMedica (UK) Limited, Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). **SLINGSBY, Jason** [GB/GB]; Oxford BioMedica (UK) Limited, Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). **YAP, Melvyn** [SG/GB]; Oxford University Biochemistry Dept., South Parks Road, Oxford OX1 3QU (GB).

(74) **HARDING, Charles, Thomas** et al. / etc.; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/00, 5/12**

(11) **WO 00/71694** (13) A1

(21) PCT/US00/14433

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,786 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR DISPLAY OF HETERODIMERIC PROTEINS ON FILAMENTOUS PHAGE USING pVII and pIX, COMPOSITIONS, VECTORS AND COMBINATORIAL LIBRARIES
• METHODES PERMETTANT L'AFFICHAGE DE PROTEINES HETERODIMERES SUR DES PHAGES FILAMENTEUX UTILISANT PVII ET PIX, COMPOSITIONS, VECTEURS ET BANQUES COMBINATOIRES

(71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).

(72) **JANDA, Kim, D.**; 5787 La Jolla Corona Drive, La Jolla, CA 92037 (US). **WIRSCHING, Peter**; P.O. Box 2228, Del Mar, CA 92014 (US). **LERNER, Richard, A.**; 7750 E. Roseland Avenue, La Jolla, CA 92037 (US). **GAO, Changshou**; 4104-92 Via Candidiz, San Diego, CA 92130 (US).

(74) **FITTING, Thomas** et al. / etc.; The Scripps Research Institute, 10550 North Torrey Pines Road, TPC-8, La Jolla, CA 92037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/05, 15/29, 15/31, 15/52, 15/63, 15/82, A01H 5/00**

(11) **WO 00/71695** (13) A1

(21) PCT/US00/14008

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,449 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/354,123 **15 Jul/juil 1999** US **(15.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL PHYTOCHELATIN SYNTHASES AND USES THEREFOR
• NOUVELLE SYNTHASES PHYTOCHELATINES ET LEURS UTILISATIONS

(71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104-3147 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REA, Philip, A.** [GB/US]; 2941 Berkley Road, Ardmore, PA 19003 (US). **VATAMANIUK, Olena, K.** [UA/US]; 409 South 40th Street, Apartment 2R, Philadelphia, PA 19104 (US). **MARI, Stephane** [FR/US]; 155 Washington Lane, Apartment H-4, Jenkintown, PA 19046 (US). **LU, Yu-Ping** [CN/US]; 4774 Saltino Way, Oak Park, CA 91377 (US). **SCHROEDER, Julian, I.** [US/US]; 5651 Taft Avenue, La Jolla, CA 92037 (US). **KIM, Eugene, J.** [US/US]; 132 Ivy Street, San Diego, CA 92101 (US). **CLEMENS, Stephan** [DE/US]; Ernst-Schnellar Strasse 8, D-06120 Halle (Seale) (DE).

(74) **MCCONATHY, Evelyn, H.**; Dilworth Paxson LLP, 3200 Mellon Bank Center, 1735 Market Street, Philadelphia, PA 19103-7595 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/05, 15/29, 15/63, 15/82, A01H 5/00**

(11) **WO 00/71696** (13) A1

(21) PCT/US00/14718

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/135,895 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GENE FOR REGULATING DISEASE RESISTANCE IN PLANTS
• GENE PERMETTANT DE REGULER LA RESISTANCE AUX MALADIES CHEZ LES PLANTES

(71) **ADVANCED RESEARCH & TECHNOLOGY INSTITUTE** [US/US]; Indiana University Research Park, Suite 111, 5012 North Morton Street, Bloomington, IN 47404 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **INNES, Roger, W.** [US/US]; 2432 Rock Creek Drive, Bloomington, IN 47401 (US). **FRYE, Catherine, A.** [US/US]; 2432 Rock Creek Drive, Bloomington, IN 47401 (US).

(74) **REED, Janet, E.**; Saul, Ewing, Remick & Saul, Centre Square West, 38th Floor, 1500 Market Street, Philadelphia, PA 19102-2186 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/09, C12Q 1/66, G01N 33/50, 33/15**

(11) **WO 00/71697** (13) A1

(21) PCT/JP00/03326

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143032 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR SEARCHING PHYSIOLOGICALLY ACTIVE SUBSTANCE
• METHODE DE RECHERCHE D'UNE SUBSTANCE ACTIVE PHYSIOLOGIQUEMENT

(71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOISHI, Ryuta** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **YOSHIMURA, Chigusa** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **SERIZAWA, Nobufusa** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(74) **OHNO, Akio** et al. / etc.; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(81) AU BR CA CN CZ HU ID IL IN KR MX NO NZ PL RU TR US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 15/10, C12Q 1/68, C07K 14/765, C12M 1/40**

(11) **WO 00/71698** (13) A2

(21) PCT/EP00/03933

(22) **2 May/mai 2000 (02.05.2000)**

(25) de (26) de

(30) 199 19 942.6 **30 Apr/avr 1999** DE **(30.04.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MIXTURE FOR NEUTRALIZING ENZYME INHIBITORS
• MELANGE POUR NEUTRALISER DES INHIBITEURS D'ENZYMES

(71) **CONNEX GESELLSCHAFT ZUR OPTIMIERUNG VON FORSCHUNG UND ENTWICKLUNG MBH** [DE/DE]; Am Klopferspitz 19, D-82152 Martinsried (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REITER, Christian** [DE/DE]; Rathausstrasse 8, D-85757 Karlsfeld (DE).

(74) **VOSSIUS & PARTNER**; Siebertstr. 4, D-81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **C12N 15/10 // 5/10**

(11) **WO 00/71699** (13) A1

(21) PCT/JP99/02749

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GENE DISRUPTION METHOD BY USING TOBACCO RETROTRANSPOSON
• PROCEDE DE DISRUPTION GENIQUE UTILISANT UN RETROTRANSPOSON DU TABAC

(71) **JAPAN as represented by DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES** [JP/JP]; 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HIROCHIKA, Hirohiko** [JP/JP]; National Institute of Agrobiological Resources, Ministery of Agriculture, Forestry and Fisheries, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). **OKAMOTO, Hiroyuki** [JP/JP]; National Institute of Agrobiological Resources, Mi, nistry of Agriculture, Forestry and Fisheries, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP).

(74) **YAMAMOTO, Shusaku**; Crystal Tower, 15th floor, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) AU CA JP KR US.

Published / Publiée : *(n)*

---

(51)[7] **C12N 15/10, 7/02, C12Q 1/68, G01N 27/447**

(11) **WO 00/71700** (13) A1

(21) PCT/JP00/01968

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) ja (26) ja

(30) 11/145341 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR SEPARATING, FRACTIONATING AND ANALYZING GENE OF VIRUS EXISTING IN WATER
• PROCEDE DE SEPARATION, DE FRACTIONNEMENT ET D'ANALYSE DE GENE DE VIRUS EXISTANT DANS L'EAU

(71) **JAPAN as represented by SECRETARY OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **MARUYAMA, Akihiko** [JP/JP]; 2-817-2, Azuma, Tsukuba-shi, Ibaraki 305-0031 (JP). **YAGI, Hisaaki** [JP/JP]; 1-401-404, Azuma, Tsukuba-shi, Ibaraki 305-0031 (JP). **KURANE, Ryuichiro** [JP/JP]; 7-253, Shinmatsudo, Matsudo-shi, Chiba 270-0031 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CA JP NO NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 15/10, 15/62, 15/64, C12P 21/02**

(11) **WO 00/71701** (13) A1

(21) PCT/US00/14122

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,677 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR GENERATING SPLIT, NON-TRANSFERABLE GENES THAT ARE ABLE TO EXPRESS AN ACTIVE PROTEIN PRODUCT

• PROCEDE DE GENERATION DE GENES NON TRANSFERABLES SEPARES CAPABLES D'EXPRIMER UN PRODUIT PROTEIQUE ACTIF

(71) **NEW ENGLAND BIOLABS, INC.** [US/US]; 32 Tozer Road, Beverly, MA 01915 (US). **BOSTON BIOMEDICAL RESEARCH INSTITUTE** [US/US]; 25 Grove Street, Watertown, MA 02472 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **XU, Ming-Qun** [US/US]; 40 Crescent Road, Hamilton, MA 01982 (US). **EVANS, Thomas, C.** [US/US]; 1st floor, 68 Albion Street, Somerville, MA 02143 (US). **PRADHAN, Sriharsa** [IN/US]; 6 Beverly Commons, Essex # 1, Beverly, MA 01915 (US). **COMB, Donald, G.** [US/US]; 9 Proctor Street, Manchester, MA 01944 (US). **PAULUS, Henry** [US/US]; 85 East India Row, Boston, MA 02210 (US). **SUN, Luo** [CN/US]; 46 Plum Street, Hamilton, MA 01982 (US). **CHEN, Lixin** [CN/US]; 60 Rantoul Street #409, Beverly, MA 01915 (US). **GHOSH, Inca** [IN/US]; 10 Cottage Avenue, Somerville, MA 02144 (US).

(74) **WILLIAMS, Gregory, D.**; New England Biolabs, Inc., 32 Tozer Road, Beverly, MA 01915 (US).

(81) AU CA CN IN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 15/10, 15/62, 15/70, 9/02, 9/38, C07K 14/705, 16/00, C12Q 1/02, 1/68, G01N 33/68, 33/50**

(11) **WO 00/71702** (13) A1

(21) PCT/US00/07108

(22) **16 Mar/mar 2000 (16.03.2000)**

(25) en (26) en

(30) 60/135,926 **25 May/mai 1999** US **(25.05.1999)**

(30) 60/175,968 **13 Jan/jan 2000** US **(13.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERACTION-ACTIVATED PROTEINS

• PROTÉINES ACTIVÉES PAR INTERACTION

(71) **PANORAMA RESEARCH, INC.** [US/US]; 2462 Wyandotte Street, Mountain View, CA 94043 (US).

(72) **BALINT, Robert F.**; 4003 Scripps Avenue, Palo Alto, CA 94306 (US). **HER, Jeng-Horng**; 2378 Weston Drive, San Jose, CA 95130 (US).

(74) **RAE-VENTER, Barbara**; P.O. Box 60039, Palo Alto, CA 94306 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/11**

(11) **WO 00/71703** (13) A2

(21) PCT/IB00/01252

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 60/132,287 **3 May/mai 1999** US **(03.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INHIBITION OF HISTONE DEACETYLASE

• INHIBITION D'HISTONE DEACETYLASE

(71) **METHYLGENE INC.** [CA/CA]; 7220 Frederick Banting, St. Laurent, Quebec H4S 2A1 (CA).

(72) **MACLEOD, Alan, R.**; 67 Hallowell Street, Westmount, Quebec H3Z 2E8 (CA). **LI, Zuomei**; 22 Oriole Street, Kirkland, Quebec H9H 3X3 (CA). **BESTERMAN, Jeffrey, M.**; 51 Gray Crescent, Baie d'Urfe, Quebec H9X 3V3 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **C12N 15/11, 15/63, 15/82, 5/10, A01H 1/00, 5/00**

(11) **WO 00/71704** (13) A1

(21) PCT/JP99/02692

(22) **21 May/mai 1999 (21.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROMOTER HAVING SPECIFIC ACTIVITY TO PISTIL TISSUE

• PROMOTEUR EXERÇANT UNE ACTIVITE SPECIFIQUE SUR LES TISSUS DU PISTIL

(71) **JAPAN as represented by DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES, MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES** [JP/JP]; 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). **BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION** [JP/JP]; 1-40-2, Nisshin-cho, Omiya-shi, Saitama 331-8537 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAKATSUJI, Hiroshi** [JP/JP]; 1-17-9, Ninomiya, Tsukuba-shi, Ibaraki 305-0051 (JP).

(74) **YAMAMOTO, Shusaku**; Crystal Tower, 15th floor, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) AU CA JP KR US.

Published / Publiée : *(n)*

---

(51)[7] **C12N 15/11, C12Q 1/68, C12N 1/20**

(11) **WO 00/71705** (13) A1

(21) PCT/JP00/03372

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/145342 **25 May/mai 1999** JP **(25.05.1999)**

(30) PCT/JP00/02045 **30 Mar/mar 2000** JP **(30.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL PSYCHROTROPHIC BACTERIUM AND DNA PROBE FOR DETECTING THE BACTERIUM

• NOUVELLE BACTERIE PSYCHROTROPHE ET SONDE D'ADN PERMETTANT DE LA DETECTER

(71) **JAPAN as represented by SECRETARY OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARUYAMA, Akihiko** [JP/JP]; 2-817-2, Azuma, Tsukuba-shi, Ibaraki 305-0031 (JP). **KITAMURA, Keiko** [JP/JP]; 24-33, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (JP). **KURANE, Ryuichiro** [JP/JP]; 7-253, Shinmatsudo, Matsudo-shi, Chiba 270-0031 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CA JP NO NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 15/11, C07H 21/00, A61K 47/48, 48/00, A61P 13/12**

(11) **WO 00/71706** (13) A1

(21) PCT/US00/14220

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,637 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTISENSE TO *c-myc* FOR TREATMENT OF POLYCYSTIC KIDNEY DISEASE
• ANTISENS DE *c-myc* POUR LE TRAITEMENT DE LA POLYKYSTOSE RENALE

(71) **AVI BIOPHARMA, INC.** [US/US]; Suite 200, 4575 S.W. Research Way, Corvallis, OR 97333 (US).

(72) **IVERSEN, Patrick, L.**; 5902 N.W. Fair Oaks Place, Corvallis, OR 97330 (US).

(74) **JUDGE, Linda, R.** et al. / etc.; Iota Pi Law Group, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).

(81) AU CA JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 15/12, C12Q 1/68**

(11) **WO 00/71707** (13) A1

(21) PCT/AU00/00473

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0488 **20 May/mai 1999** AU **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD FOR THE DIAGNOSIS AND TREATMENT OF CANCER AND AGENTS USEFUL THEREFOR
• PROCEDE DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER ET AGENTS UTILISES A CET EFFET

(71) **NATIONAL CANCER CENTRE OF SINGAPORE PTE LTD** [SG/SG]; 11 Hospital Drive, Singapore 169610 (SG). **SINGAPORE GENERAL HOSPITAL** [SG/SG]; Outram Road, Singapore 169608 (SG).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **HUGHES, Edward, John, Langford** [AU/AU]; 42 Masthead Drive, Raby Bay, QLD 4163 (AU).
*(only for / seulement pour AU)*

(72, 75) **HUI, Kam, Man** [SG/SG]; 66 Trevose Crescent, #44-08 Trevose Park, Singapore 298067 (SG). **GOH, Christopher, H., K.** [SG/SG]; 35B Woo Mon Chew Road, Singapore 455105 (SG). **PING, Tang, Jing** [SG/SG]; 71 Jurong East, Street 13, #02-01, Westmere 609650 (SG).

(74) **HUGHES, E., John, L.** et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, QLD 4064 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/12, 15/11, C12Q 1/68, A61K 31/7125, A01K 67/027, C07K 16/18, G01N 33/68**

(11) **WO 00/71708** (13) A2

(21) PCT/FR00/01369

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06530 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF EF-TS FOR TREATING SMOOTH MUSCLE CELL HYPERPLASIA
• UTILISATION DE EF-Ts DANS LE CADRE DES HYPERPLASIES DES CELLULES MUSCULAIRES LISSES (CML)

(71) **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)** [FR/FR]; 101, rue de Tolbiac, F-75013 Paris (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **McGREGOR, John** [FR/FR]; 52, rue Saint-Maximin, F-69003 Lyon (FR). **ZIBARA, Kazem** [LB/FR]; 18, rue de Narvick, F-69008 Lyon (FR). **BOURDILLON, Marie-Claude** [FR/FR]; 169 bis, route de Genas, F-69100 Villeurbanne (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 15/12, C07K 14/47, C12N 1/21, C12Q 1/68 // C12R 1:19**

(11) **WO 00/71709** (13) A1

(21) PCT/FR00/01383

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06525 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYPEPTIDES, VESICULAR CARRIERS OF GLUTAMATE AND GABA
• POLYPEPTIDES, TRANSPORTEURS VESICULAIRES DU GLUTAMATE ET DU GABA

(71) **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)** [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GIROS, Bruno** [FR/FR]; 11, rue Paul Vaillant-Couturier, F-92320 Châtillon (FR). **GASNIER, Bruno** [FR/FR]; 22, avenue des Gobelins, F-75005 Paris (FR). **SAGNE, Corinne** [FR/FR]; 22, rue Morère, F-75014 Paris (FR). **EL MESTIKAWY, Salah** [FR/FR]; 7, rue du Pot de Fer, F-75005 Paris (FR). **HAMON, Michel** [FR/FR]; 11, rue Georges Braque, F-75014 Paris (FR).

(74) **CATHERINE, Alain**; Cabinet Harle & Phelip, 7, rue de Madrid, F-75008 Paris (FR).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/12, C12Q 1/68, C07K 14/47**

(11) **WO 00/71710** (13) A2

(21) PCT/FR00/01426

(22) **25 May/mai 2000 (25.05.2000)**

(25) fr (26) fr

(30) 99/06587 **25 May/mai 1999** FR **(25.05.1999)**

(30) 60/139,450 **16 Jun/juin 1999** US **(16.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXPRESSION PRODUCTS OF GENES INVOLVED IN DISEASES RELATED TO CHOLESTEROL METABOLISM
• PRODUITS D'EXPRESSION DE GENES IMPLIQUES DANS DES AFFECTIONS ASSOCIEES AU METABOLISME DU CHOLESTEROL

(71) **AVENTIS PHARMA S.A.** [FR/FR]; 20 Avenue Raymond Aron, F-92160 Antony (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DENEFLE, Patrice** [FR/FR]; 45 Avenue des Fusillés de Châteaubriant, F-94100 Saint Maur (FR). **ROSIER-MONTUS, Marie-Françoise** [FR/FR]; 21 Rue des Baconnets, F-92160 Antony (FR). **ARNOULD-REGUIGNE, Isabelle** [FR/FR]; 112 Rue de Bry, F-94430 Chennevières sur Marne (FR). **PRADES, Catherine** [FR/FR]; 30 Avenue du Général de Gaulle, F-94320 Thiais (FR). **CLEPET, Christian** [FR/FR]; 8 Rue Charles Fournier, F-75013 Paris (FR).

(74) **BOUVET, Philippe**; Aventis Pharma S.A., Direction Brevets, 20 Avenue Raymond Aron, F-92165 Antony Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C12N 15/12, C07K 14/47, C12Q 1/68, G01N 33/68, C12N 15/10**

(11) **WO 00/71711** (13) A2

(21) PCT/IB00/00673

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,325 **20 May/mai 1999** US **(20.05.1999)**

(30) 60/135,333 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIFFERENTIALLY EXPRESSED GENES IN PROSTATE CANCER
• GENES EXPRIMES DE MANIERE DIFFERENTIELLE EN CAS DE CANCER DE LA PROSTATE

(71, 72) **SAATCIOGLU, Fahri** [TR/NO]; University Of Oslo, Biotechnology Center Of Oslo, Gaustadalleen 21, P.O. Box 1125, N-1317 Blindern (NO).

(74) **SAATCIOGLU, Fahri**; Fish & Associates, LLP, Suite 706, 1440 N. Harbor Boulevard, Fullerton, CA 92835 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/12, C07K 14/47, C12N 5/10**

(11) **WO 00/71712** (13) A1

(21) PCT/JP99/06577

(22) **25 Nov/nov 1999 (25.11.1999)**

(25) ja (26) ja

(30) 11/184059 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DSIF DOMINANT NEGATIVE VARIANT
• VARIANT NEGATIF DOMINANT A L'EGARD DE DSIF (FACTEUR D'ALLONGEMENT DE TRANSCRIPTION)

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 1-6-1, Ohtemachi, Chiyoda-ku, Tokyo 100-8185 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **HANDA, Hiroshi** [JP/JP]; 1-17-16, Sakurajyosui, Setagaya-ku, Tokyo 156-0045 (JP).

(72, 75) **WADA, Tadashi** [JP/JP]; 4-23-2-407, Nagatsuda, Midori-ku, Yokohama-shi, Kanagawa-ken 226-0027 (JP). **TAKAGI, Toshiyuki** [JP/JP]; 4-1-50-102, Saginuma, Miyamae-ku, Kawasaki-shi, Kanagawa-ken 216-0004 (JP). **YAMAGUCHI, Yuki** [JP/JP]; 1-14-18, Higashisugano, Ichikawa-shi, Chiba-ken 272-0823 (JP). **ANAZAWA, Hideharu** [JP/JP]; Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6, Asahi-cho, Machida-shi, Tokyo 194-0023 (JP). **KANDA, Yutaka** [JP/JP]; Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6, Asahi-cho, Machida-shi, Tokyo 194-0023 (JP). **SASAKI, Katsutoshi** [JP/JP]; Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6, Asahi-cho, Machida-shi, Tokyo 194-0023 (JP).

(74) **SAEKI, Norio**; 9th floor, Taka-ai Building, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/12, C07K 14/52, A61K 38/18**

(11) **WO 00/71713** (13) A1

(21) PCT/US00/13536

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,312 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VASCULAR ENDOTHELIAL GROWTH FACTOR VARIANTS
• VARIANTS DU FACTEUR DE CROISSANCE ENDOTHELIALE

(71) **SCIOS INC.** [US/US]; 820 West Maude Avenue, Sunnyvale, CA 94086 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **POLLITT, N., Stephen** [US/US]; 1037 Campbell Avenue, Los Altos, CA 94024 (US). **ABRAHAM, Judith, A.** [US/US]; 4901 Country Lane, San Jose, CA 95129 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson And Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/12, C07K 14/755, 14/705, A61K 38/37, 38/17, 31/70, 48/00**

(11) **WO 00/71714** (13) A2

(21) PCT/US00/14111

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,847 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS OF REDUCING FACTOR VIII CLEARANCE AND COMPOSITIONS THEREFOR
• PROCEDES DE REDUCTION DE LA CLAIRANCE DU FACTEUR VIII ET COMPOSITIONS CORRESPONDANTES

(71) **THE AMERICAN NATIONAL RED CROSS** [US/US]; 8111 Gatehouse Road, Falls Church, VA 22042 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SAENKO, Evgueni, L.** [RU/US]; 9617 Horizon Run Road, Gaithersburg, MD 20879 (US). **STRICKLAND, Dudley, K.** [US/US]; 4124 Barnsley Lane, Olney, MD 20832 (US).

(74) **GOLDSTEIN, Jorge, A.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) AU CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12N 15/16, 15/18, 15/63, 1/21, 5/00, G01N 33/53, A61K 38/18, C07K 14/50, 16/22**

(11) **WO 00/71715** (13) A1

(21) PCT/US00/13331

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/135,524 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FIBROBLAST GROWTH FACTOR 11
• FACTEUR 11 DE CROISSANCE DES FIBROBLASTES

(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) **ROSEN, Craig, A.** [US/US]; 22400 Rolling Hill Road, Laytonville, MD 20882 (US). **ALDERSON, Ralph** [US/US]; 12125 Orchard View Road, Gaithersburg, MD 20878 (US). **MELDER, Robert** [US/US]; 14407 Saturn Way, Boyds, MD 20841 (US). **DUAN, Roxanne, D.** [US/US]; 5515 Northfield Road, Bethesda, MD 20817 (US). **HU, Jing-Shan** [CN/US]; 1247 Lake Side Drive, No. 3034, Sunnyvale, CA 94086 (US).

(74) **WALES, Michele, M.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/19, C07K 14/52, A61K 38/19**

(11) **WO 00/71716** (13) A2

(21) PCT/US00/13636

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,312 **20 May/mai 1999** US **(20.05.1999)**

(30) 60/177,407 **20 Jan/jan 2000** US **(20.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VASCULAR ENDOTHELIAL GROWTH FACTOR DIMERS
• DIMERES, FACTEURS DE CROISSANCE DE L'ENDOTHELIUM VASCULAIRE

(71) **SCIOS INC.** [US/US]; 820 West Maude Avenue, Sunnyvale, CA 94086 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JUE, Rodney, Alan** [US/US]; 7566 Denison Place, Castro Valley, CA 94552 (US). **SCHELLENBERGER, Ute** [DE/US]; 914 Moreno Avenue, Palo Alto, CA 94303 (US). **STATHIS, Peter, A.** [US/US]; 975 Florence Lane, Apt. F, Menlo Park, CA 94025 (US). **ADRIAENSSENS, Peter, Isadore** [US/US]; 1109 El Monte Avenue, Montain View, CA 94040 (US). **ABRAHAM, Judith, A.** [US/US]; 4901 Country Lane, San Jose, CA 95129 (US). **BALDWIN, Patricia, Ann** [US/US]; 531 Torwood Lane, Los Altos, CA 94022 (US). **POLLITT, N., Stephen** [US/US]; 1037 Campbell Avenue, Los Altos, CA 94024 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/19, C07K 14/52, 16/24, G01N 33/68, C12Q 1/68**

(11) **WO 00/71717** (13) A1

(21) PCT/US00/14563

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,159 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SECRETED ALPHA-HELICAL PROTEIN - 32
• PROTEINE 32 ALPHA HELICOIDALE SECRETEE

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **CONKLIN, Darrell, C.**; 117 East Louisa Street, #421, Seattle, WA 98102 (US). **GAO, Zeren**; 9502 179th Place Northeast #3, Redmond, WA 98052 (US).

(74) **LUNN, Paul, G.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seatle, WA 98102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/24, 15/86, A61K 48/00, 35/76, A61P 29/00**

(11) **WO 00/71718** (13) A1

(21) PCT/US00/14146

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,077 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GENE THERAPY OF PULMONARY DISEASE
• THERAPIE GENIQUE POUR MALADIE PULMONAIRE

(71) **CANJI, INC.** [US/US]; 3525 John Hopkins Court, San Diego, CA 92121 (US).

(72) **LAFACE, Drake, M.**; 8989 Scorpius Way, San Diego, CA 92126 (US). **MINTER, Rebecca, M.**; 4117 N.W. 69th Street, Gainesville, FL 32606 (US). **MOLDAWER, Lyle, L.**; 2357 N.W. 14th Place, Gainesville, FL 32605 (US).

(74) **MURPHY, Richard, J.** et al. / etc.; Schering-Plough Corporation, Patent Dept., K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MA MD MG MK MN MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT TZ UA UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/25, C07K 14/54, C12Q 1/68, C07K 14/545, 16/24, C12N 15/24, G01N 33/68, A61K 38/20**

(11) **WO 00/71719** (13) A1

(21) PCT/US00/14144

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/316,086 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/522,964 **10 Mar/mar 2000** US **(10.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERLEUKIN-1 HY2 MATERIALS AND METHODS
• SUBSTANCES LIEES A L'INTERLEUKINE-1 HY2 (IL-1 HY2) ET PROCEDES

(71) **HYSEQ, INC.** [US/US]; 670 Almanor Avenue, Sunnyvale, CA 94086 (US).

(72) **BALLINGER, Dennis, G.**; 38 Bishop Lane, Menlo, CA 94025 (US). **FORD, John**; 2763 South Norfolk #210, San Mateo, CA 94403 (US). **HO, Alice, Suk-Yue**; 30573 Meridien Circle, Union City, CA 94587 (US). **LIN, Hai, Shan**; 20942 Sherman Drive, Castro Valley, CA 94552 (US). **PACE, Ann, M.**; 145 Baja Sol Court, Scotts Valley, CA 95066 (US).

(74) **RIN-LAURES, Li-Hsien**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/25, C07K 14/545, 16/24**

(11) **WO 00/71720** (13) A1

(21) PCT/US00/14435

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,758 **25 May/mai 1999** US **(25.05.1999)**

(30) 60/162,331 **29 Oct/oct 1999 (29.10.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IL-1 ETA DNA AND POLYPEPTIDES
• ADN ET POLYPEPTIDES IL-1 ETA

(71) **IMMUNEX CORPORATION** [US/US]; 51 University Street, Seattle, WA 98101 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SIMS, John, E.** [US/US]; 4207 - 43rd Avenue NE, Seattle, WA 98105 (US). **RENSHAW, Blair, R.** [US/US]; 16210 SE 166th Court, Renton, WA 98058 (US).

(74) **HENRY, Janis, C.**; Immunex Corporation, Law Department, 51 University Street, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **C12N 15/29, 15/82, A01H 5/00**

(11) **WO 00/71721** (13) A1

(21) PCT/JP99/02732

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL GENE REGULATING ETHYLENE SYNTHESIS
• NOUVEAU GENE REGULANT LA SYNTHESE D'ETHYLENE

(71) **JAPAN as represented by DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES, MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES** [JP/JP]; 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). **BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION** [JP/JP]; 1-40-2, Nisshin-cho, Omiya-shi, Saitama 331-8537 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HIROCHIKA, Hirohiko** [JP/JP]; National Institute of Agrobiological Resources, Ministry of Agriculture, Forestry and Fisheries, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). **ABE, Kiyomi** [JP/JP]; Bio-Oriented Technology Research Advancement Institution, 1-40-2, Nisshin-cho, Omiya-shi, Saitama 331-8537 (JP).

(74) **YAMAMOTO, Shusaku**; 15th floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) AU CA JP KR US.

Published / Publiée : *(n)*

---

(51)[7] **C12N 15/29, 15/82, 5/10, A01H 5/00**

(11) **WO 00/71722** (13) A1

(21) PCT/US00/14297

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,789 **25 May/mai 1999 (25.05.1999)** US

(30) Not furnished / non communiqué **24 May/mai 2000 (24.05.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL GENES TO CONTROL FLOWERING, TRANSGENIC PLANTS, AND USES THEREOF
• NOUVEAUX AGENTS DE CONTROLE DE LA FLORAISON, PLANTES TRANSGENIQUES ET LEURS UTILISATIONS

(71) **DNA PLANT TECHNOLOGY CORPORATION** [US/US]; 6701 San Pablo Avenue, Oakland, CA 94608-1239 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OELLER, Paul** [US/US]; 1817 Sixth Street, Berkeley, CA 94710 (US). **GUTTERSON, Neal** [US/US]; 5169 Golden Gate Avenue, Oakland, CA 94618 (US).

(74) **BASTIAN, Kevin, L.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/31, C07K 14/245, C12N 9/04, C07K 1/113, A61K 39/02, 48/00**

(11) **WO 00/71723** (13) A2

(21) PCT/EP00/04501

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,395 **21 May/mai 1999 (21.05.1999)** US

(30) 00109270.9 **28 Apr/avr 2000 (28.04.2000)** EP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR REGULATING PROTEIN CONFORMATION USING MOLECULAR CHAPERONES
• METHODES DE REGULATION DE LA CONFORMATION DE PROTEINES AU MOYEN DE CHAPERONS MOLECULAIRES

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; D-68298 Mannheim (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **BUKAU, Bernd** [DE/DE]; Sebastian-Kneip-Strasse 6, D-79104 Freiburg (DE).

(72, 75) **GOLOUBINOFF, Pierre** [CH/IL]; Hadolev Street 429/2, 93855 Jerusalem (IL).

(74) **ROCHE DIAGNOSTICS GMBH**; Patent Department, D-68298 Mannheim (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/31, C07K 14/21, 16/12, A61K 31/70, 39/02, 39/40, G01N 33/569**

(11) **WO 00/71724** (13) A2

(21) PCT/EP00/04618

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9912038.8 **24 May/mai 1999 (24.05.1999)** GB

(30) 9912040.4 **24 May/mai 1999 (24.05.1999)** GB

(30) 9912705.2 **1 Jun/juin 1999 (01.06.1999)** GB

(30) 9912674.0 **1 Jun/juin 1999 (01.06.1999)** GB

(30) 9912838.1 **2 Jun/juin 1999 (02.06.1999)** GB

(30) 9913354.8 **8 Jun/juin 1999 (08.06.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL COMPOUNDS
• COMPOSES NOUVEAUX

(71) **SMITHKLINE BEECHAM BIOLOGICALS S.A.** [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **THONNARD, Joelle** [BE/BE]; SmithKline Beecham Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE).

(74) **PRIVETT, Kathryn, Louise**; SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C12N 15/31, C07K 14/22, A61K 39/095**

(11) **WO 00/71725** (13) A2

(21) PCT/IB00/00828

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911692.3 **19 May/mai 1999 (19.05.1999)** GB

(30) 9919705.5 **19 Aug/août 1999 (19.08.1999)** GB

(30) 0005730.7 **9 Mar/mar 2000 (09.03.2000)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMBINATION NEISSERIAL COMPOSITIONS
• COMPOSITIONS A BASE DE COMBINAISONS DE NEISSERIA

(71) **CHIRON S.P.A.** [IT/IT]; Via Fiorentina, 1, I-53100 Siena (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GIULIANI, Marzia, Monica** [IT/IT]; Chiron S.p.A., Via Fiorentina, 1, I-53100 Siena (IT). **PIZZA, Mariagrazia** [IT/IT]; Chiron S.p.A., Via Fiorentina, 1, I-53100 Siena (IT). **RAPPUOLI, Rino** [IT/IT]; Chiron S.p.A., Via Fiorentina, 1, I-53100 Siena (IT).

(74) **HALLYBONE, Huw, George** et al. / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/48, 15/62, C07K 14/15, 19/00, A61K 48/00, C12Q 1/68, C07K 16/10, C12N 7/01**

(11) **WO 00/71726** (13) A1

(21) PCT/US00/14296

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,631 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS TO INHIBIT INFECTIOUS AGENT TRANSMISSION DURING XENOTRANSPLANTATION
• METHODES PERMETTANT D'INHIBER LA TRANSMISSION D'AGENTS INFECTIEUX PENDANT UNE HETEROGREFFE

(71) **MAYO MEDICAL VENTURES** [US/US]; 200 First Street SW, Rochester, MN 55905 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FEDERSPIEL, Mark, J.** [US/US]; 5722 Colonial Lane SE, Rochester, MN 55904 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[6] **C12N 15/52, 15/84, 5/14, A01H 5/00**

(11) **WO 00/71727** (13) A1

(21) PCT/JP99/02734

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL GENE REGULATING THE SYNTHESIS OF ABSCISIC ACID
• NOUVEAU GENE CODANT LA SYNTHESE DE L'ACIDE ABSCISIQUE

(71) **JAPAN as represented by DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES, MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES** [JP/JP]; 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). **BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION** [JP/JP]; 1-40-2, Nisshin-cho, Omiya-shi, Saitama 331-8537 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HIROCHIKA, Hirohiko** [JP/JP]; National Institute of Agrobiological Resources, Mi, nistry of Agriculture, Forestry and Fisheries, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). **SAKAMOTO, Koji** [JP/JP]; Bio-Oriented Technology Research Advancement Insti, tution, 1-40-2, Nisshin-cho, Omiya-shi, Saitama 331-8537 (JP).

(74) **YAMAMOTO, Shusaku**; Crystal Tower, 15th floor, 2-27, Shiromi 1-chome, Chuo-ku,, Osaka-shi, Osaka 540-6015 (JP).

(81) AU CA JP KR US.

Published / Publiée : *(n)*

---

(51)[7] **C12N 15/55, 9/16, A61K 38/43, A01K 67/027, A23K 1/165, A23L 1/015**

(11) **WO 00/71728** (13) A1

(21) PCT/US00/14846

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,528 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RECOMBINANT BACTERIAL PHYTASES AND USES THEREOF
• PHYTASES BACTERIENNES RECOMBINEES ET LEURS UTILISATIONS

(71) **DIVERSA CORPORATION** [US/US]; 10665 Sorrento Valley Road, San Diego, CA 92121 (US).

(72) **SHORT, Jay, M.**; 6801 Paseo Delicias, Rancho Santa Fe, CA 92067-7214 (US). **KRETZ, Keith, A.**; 973 Hawthorne Drive, San Marcos, CA 92069 (US).

(74) **HAILE, Lisa, A.**; Gray Cary Ware & Friedenrich LLP, Suite 1600, 4365 Executive Drive, San Diego, CA 92121-2189 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/56, 1/21, 15/70, C12P 7/06, 7/10, C12N 9/24**

(11) **WO 00/71729** (13) A2

(21) PCT/US00/14773

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,376 **26 May/mai 1999 (26.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RECOMBINANT HOSTS SUITABLE FOR SIMULTANEOUS SACCHARIFICATION AND FERMENTATION
• HOTES DE RECOMBINAISON PERMETTANT UNE SACCHARIFICATION ET UNE FERMENTATION SIMULTANEES

(71) **THE UNIVERSITY OF FLORIDA RESEARCH FOUNDATION** [US/US]; 223 Grinter Hall, P.O. Box 115500, Gainesville, FL 32606 (US).

(72) **INGRAM, Lonnie, O.**; 3132 N.W. 57th Terrace, Gainesville, FL 32606 (US). **ZHOU, Shengde**; Apartment 46, 328 S.W. 34th Street, Gainesville, FL 32607 (US).

(74) **HANLEY, Elizabeth, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C12N 15/66, C12Q 1/68**

(11) **WO 00/71730** (13) A1

(21) PCT/FR00/01349

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06419 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR INSERTING A NUCLEIC ACID FRAGMENT IN A VECTOR, USES THEREOF AND KITS THEREFOR
• METHODE D'INSERTION D'UN FRAGMENT D'ACIDE NUCLEIQUE DANS UN VECTEUR, SES APPLICATIONS ET LES KITS POUR SA MISE EN OEUVRE

(71) **BIOMETHODES S.A.R.L.** [FR/FR]; Génopôle Industries, 4, rue Pierre Fontaine, F-91000 Evry (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DELCOURT, Marc** [FR/FR]; 1, rue Eugène Varlin, F-94800 Villejuif (FR). **BLESA, Stéphane** [FR/FR]; 4, allée du Docteur Dupeyroux, F-94000 Créteil (FR).

(74) **BREESE, Pierre** et al. / etc.; Breese-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/73, C07K 14/60, C12P 21/02, C12N 7/00, 1/06 // C12R 1/19**

(11) **WO 00/71731** (13) A1

(21) PCT/US00/40020

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,288 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHAGE-DEPENDENT SUPER-PRODUCTION OF BIOLOGICALLY ACTIVE PROTEIN AND PEPTIDES
• SUPERPRODUCTION, LIEE AU PHAGE, DE PEPTIDES ET DE PROTEINES BIOLOGIQUEMENT ACTIFS

(71) **PHAGE BIOTECHNOLOGY CORPORATION** [US/US]; 18300 Von Karman Avenue, Suite 440, Irvine, CA 92612 (US).

(72) **KORDYUM, Vitaliy, A.**; Artyoma St. 53, Apartment 33, 254053 Kiev-053 (UA). **CHERNYKH, Svetlana, I.**; Lomonosova St. 29, Apartment 6, 252127 Kiev-127 (UA). **SLAVCHENKO, Irina, Y.**; Revutskogo St. 44, Apartment 81, 253068 Kiev-068 (UA). **VOZIANOV, Oleksandr, F.**; Desyatinnaya St. 10, Apartment 6, 252025 Kiev-025 (UA).

(74) **SIMPSON, Andrew, H.**; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th floor, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/82, 15/29, A01H 5/00, A01N 65/00**

(11) **WO 00/71732** (13) A2

(21) PCT/DE00/01589

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 571.6 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NUCLEOTIDE SEQUENCE FOR INCREASING THE DEFENSE REACTION OF A PLANT AGAINST INFECTION BY A PATHOGEN
• SEQUENCE NUCLEOTIDIQUE POUR AUGMENTER LA REACTION DE DEFENSE D'UNE PLANTE CONTRE UNE AFFECTION PAR DES PATHOGENES

(71) **KWS SAAT AG** [DE/DE]; Grimsehlstrasse 31, 37574 Einbeck (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STAHL, Dietmar, J.** [DE/DE]; Fasanengrund 10, 37574 Einbeck (DE).

(74) **KWS SAAT AG**; Grimsehlstrasse 31, 37574 Einbeck (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/82**

(11) **WO 00/71733** (13) A1

(21) PCT/EP00/04611

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/314,449 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED METHOD FOR *AGROBACTERIUM* MEDIATED TRANSFORMATION OF COTTON
• TECHNIQUE AMELIOREE DE TRANSFORMATION DE COTON INDUITE PAR *AGROBACTERIUM*

(71) **AVENTIS CROPSCIENCE N.V.** [BE/BE]; Jozef Plateaustraat 22, B-9000 Gent (BE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REYNAERTS, Arlette** [BE/BE]; Buisstraat 5, B-9031 Drongen (BE). **DE SONVILLE, Anne** [BE/BE]; Perzikenhof 8, B-9820 Merelbeke (BE).

(74) **AVENTIS CROPSCIENCE N.V.**; Jozef Plateaustraat 22, B-9000 Gent (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/82, 9/10, 15/54, 15/62, C12Q 1/68, C12N 1/21, A01H 5/00**

(11) **WO 00/71734** (13) A1

(21) PCT/FR00/01384

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06494 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STARCH GRANULES CONTAINING A RECOMBINANT POLYPEPTIDE OF INTEREST, METHOD FOR OBTAINING SAME AND USES
• GRAINS D'AMIDON CONTENANT UN POLYPEPTIDE RECOMBINANT D'INTERÊT, LEUR PROCEDE D'OBTENTION, ET LEURS UTILISATIONS

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **D'HULST, Christophe** [FR/FR]; 81, rue Pierre Catteau, F-59150 Wattrelos (FR). **BALL, Steven** [FR/FR]; 58, rue Molhant, F-59830 Bourghelles (FR).

(74) **DEMACHY, Charles** et al. / etc.; Grosset-Fournier & Demachy Sarl, 20, rue de Maubeuge, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL

IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12N 15/82, 15/29, 5/10, A01H 5/00, A01N 65/00, A61K 38/16**

(11) **WO 00/71735** (13) A1

(21) PCT/GB00/01905

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911933.1 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITION OF PLANT ANTIMICROBIAL PROTEINS
• COMPOSITION DE PROTEINES ANTIMICROBIENNES DE PLANTES

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GREENLAND, Andrew, James** [GB/GB]; Zeneca Agrochemicals, Jealott's Hill Research Station, Bracknell, Berkshire RG42 6YA (GB). **FUENTES MATEOS, Angel, Manuel** [ES/BE]; Pioneer Av Tedesco 7, B-1160 Brussels (BE).

(74) **HUSKISSON, Frank, Mackie** et al. / etc.; Zeneca Agrochemicals, Intellectual Property Dept., Jealott's Hill Research Station, P.O. Box 3538, Bracknell RG42 6YA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/82, 15/29, 9/10, C07K 16/16, A01H 5/00**

(11) **WO 00/71736** (13) A1

(21) PCT/US00/13389

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 60/135,026 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ISOFLAVONOID METHYLATION ENZYME
• ENZYME DE METHYLATION DU GROUPE DES ISOFLAVONOIDES

(71) **THE SAMUEL ROBERTS NOBLE FOUNDATION, INC.** [US/US]; 2510 Sam Noble Parkway, Ardmore, OK 73402 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DIXON, Richard, A.** [GB/US]; 206 Woods Lane, Ardmore, OK 73401 (US). **HE, Xian, Z.** [US/US]; 316 Beaumont Drive, Ardmore, OK 73402 (US).

(74) **HANSEN, Eugenia, S.** et al. / etc.; Sidley & Austin, Suite 3400, 717 North Harwood, Dallas, TX 75201 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12N 15/86, 5/10, 9/00, C07K 14/16, A61K 48/00**

(11) **WO 00/71737** (13) A2

(21) PCT/GB00/01974

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911961.2 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9911812.7 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9911976.0 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED RETROVIRAL PRODUCTION
• PRODUCTION AMELIOREE DE RETROVIRUS

(71) **OXFORD BIOMEDICA (UK) LIMITED** [GB/GB]; Medawar Center, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KINGSMAN, Alan, John** [GB/GB]; Oxford BioMedica (UK) Limited, Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). **SLINGSBY, Jason** [GB/GB]; Oxford BioMedica (UK) Limited, Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). **YAP, Melvyn** [SG/GB]; Oxford University Biochemistry Dept., South Parks Road, Oxford (GB).

(74) **HARDING, Charles, Thomas** et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12P 7/56, 7/40, 7/48, 7/60, 19/02, C12N 15/53, 15/81, 9/04, 1/19 // (C12N 1/19, C12R 1:645)**

(11) **WO 00/71738** (13) A1

(21) PCT/US00/13907

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,490 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND MATERIALS FOR THE SYNTHESIS OF ORGANIC PRODUCTS
• METHODES ET MATIERES DESTINEES A LA SYNTHESE DE PRODUITS ORGANIQUES

(63) US 09/316,490 (CIP) 21 May/mai 1999 (21.05.1999)

(71, 72) **RAJGARHIA, Vineet** [IN/US]; Apartment 1103, 5455 Smetana Drive, Minnetonka, MN 55343 (US). **HATZIMANIKATIS, Vassily** [US/US]; 622 E. 15th Street, Minneapolis, MN 55404 (US). **OLSON, Stacey** [US/US]; 5525 42nd Avenue South, Minneapolis, MN 55417 (US). **CARLSON, Ting, Liu** [US/US]; 9764 Country Creek Way, Dayton, OH 45458 (US). **STARR, John, N.** [US/US]; 2350 Manuela Drive, Chaska, MN 55318 (US). **KOLSTAD, Jeffrey, J.** [US/US]; 16122 Ringer Road, Wayzata, MN 55391 (US). **EYAL, Aharon, M.** [IL/IL]; 32 Beitar Street, 93386 Jerusalem (IL).

(74) **DAIGNAULT, Ronald, A.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12P 19/34**

(11) **WO 00/71739** (13) A1

(21) PCT/US00/13960

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,437 **22 May/mai 1999** US **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REVERSE TRANSCRIPTION ACTIVITY FROM *BACILLUS STEAROTHERMOPHILUS* DNA POLYMERASE IN THE PRESENCE OF MAGNESIUM
• ACTIVITE DE TRANSCRIPTION INVERSE DE L'ADN POLYMERASE ISSU DE*BACILLUS STEAROTHERMOPHILUS*, EN PRESENCE DE MAGNESIUM

(71) **EPICENTRE TECHNOLOGIES CORPORATION** [US/US]; 1202 Ann Street, Madison, WI 53713 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHANKE, Judith, E., T.** [US/US]; 2728 Tami Trail, Fitchburg, WI 53711 (US).

(74) **BAKER, Jean, C.**; Quarles & Brady LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12P 19/34, C07H 21/04, A01N 43/04, A61K 31/70**

(11) **WO 00/71740** (13) A1

(21) PCT/US00/14133

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,560 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH SPECIFICITY HAIRPIN ANTISENSE OLIGONUCLEOTIDES
• OLIGONUCLEOTIDES ANTISENS A BOUCLE EN EPINGLE A CHEVEUX A FORTE SPECIFICITE

(63) US 60/135,560 (CON)
24 May/mai 1999 (24.05.1999)

(71) **THE PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.** [US/US]; 455 First Avenue, New York, NY 10016 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TYAGI, Sanjay** [IN/US]; 20 Waterside Plaza, Apt. 16-E, New York, NY 10010 (US). **KRAMER, Fred, R.** [US/US]; 561 West 231 Street, Riverdale, NY 10463 (US).

(74) **HONE, William, J.**; Fish & Richardson P.C., 45 Rockefeller Plaza, Suite 2800, New York, NY 10111 (US).

(81) AU CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12Q**

(11) **WO 00/71741** (13) A2

(21) PCT/US00/13071

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/317,713 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DNA ENCODING A HUMAN SUBUNIT OF THE 5-HT3 SEROTONIN RECEPTOR
• ADN CODANT UNE SOUS-UNITE HUMAINE DU RECEPTEUR DE SEROTONINE 5-HT3

(71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; US Route 202, Raritan, NJ 08869 (US).

(72) **DUBIN, Adrienne**; 4303 Bromfield Avenue, San Diego, CA 92122 (US). **D'ANDREA, Michael, R.**; 14 Anders Drive, Cherry Hill, NJ 08003 (US). **PYATTI, Jayashree**; 12285 Picrus Street, San Diego, CA 92129 (US). **SHU, Jessica, Y.**; 12460 Picrus Street, San Diego, CA 92129 (US). **ERLANDER, Mark, G.**; 442 Hillcrest Drive, Encinitas, CA 92024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/00**

(11) **WO 00/71742** (13) A2

(21) PCT/US00/13966

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,275 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH THROUGHPUT FUNCTIONAL GENOMICS
• GENOMIQUE FONCTIONNELLE A FORT RENDEMENT

(63) US Not furnished / non communiqué (CIP)
22 May/mai 2000 (22.05.2000)

(71, 72) **HICKMAN, James, J.** [US/US]; 7749 Willow Point Drive, Falls Church, VA 22042 (US).

(74) **VILLACORTA, Gilberto, M.** et al. / etc.; Pepper Hamilton LLP, 600 Fourteenth Street, N.W., Washington, DC 20005-2004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/02, 1/42, 1/68, C07K 19/00, C12N 15/62, 5/10, G01N 33/566**

(11) **WO 00/71743** (13) A1

(21) PCT/JP00/03353

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/144946 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TWO-HYBRID METHOD IN MAMMALIAN CELL
• METHODE BIHYBRIDE DANS UNE CELLULE DE MAMMIFERE

(71) **EISAI CO., LTD.** [JP/JP]; 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 112-8088 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TSUKAHARA, Kappei** [JP/JP]; 4-4-24, Ninomiya, Tsukuba-shi, Ibaraki 305-0051 (JP). **HIDA, Takayuki** [JP/JP]; 12-10, Ninomiya 1-chome, Tsukuba-shi, Ibaraki 305-0051 (JP). **NAKAMURA, Katsuji** [JP/JP]; Kuresuto Matsushiro A-202, 1-14-10, Matsushiro, Tsukuba-shi, Ibaraki 305-0035 (JP). **YOSHITOMI, Hideki** [JP/JP]; Sorio Hanahata 202, 2-11-2, Hanahata, Tsukuba-shi, Ibaraki 300-3261 (JP).

(74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama Building 6th Floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12Q 1/37**

(11) **WO 00/71744** (13) A1

(21) PCT/EP00/04303

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 99110122.1 **25 May/mai 1999** EP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FmhB-PROTEIN AND MODULATORS OF THIS PROTEIN
• PROTEINE FMHB ET SES MODULATEURS

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BERGER-BÄCHI, Brigitte** [CH/CH]; Bachtelweg 5, CH-8121 Benglen (CH). **TSCHIERSKE, Martin** [DE/CH]; Alfred-Escher-Strasse 44, CH-8002 Zürich (CH). **ROHRER, Susanne** [CH/CH]; Klingenstrasse 21, CH-8005 Zürich (CH). **EHLERT, Kerstin** [DE/DE]; Pahlkestrasse 5, D-42115 Wuppertal (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12Q 1/54, 1/00, G01N 33/53**

(11) **WO 00/71745** (13) A1

(21) PCT/US00/12187

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 09/315,700 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PASSIVELY DETERMINING THE APPLICATION OF A SAMPLE FLUID ON AN ANALYTE STRIP

• EVALUATION PASSIVE DE L'APPLICATION D'UN ECHANTILLON DE FLUIDE SUR UNE BANDE D'ANALYSAT

(71) **UMM ELECTRONICS, INC.** [US/US]; 6911 Hillsdale Court, Indianapolis, IN 46250 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RIEDEL, Richard** [US/US]; 10012 Holaday Drive, Carmel, IN 46032 (US).

(74) **COLE, Troy, J.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/68**

(11) **WO 00/71746** (13) A1

(21) PCT/CN00/00125

(22) **19 May/mai 2000 (19.05.2000)**

(25) zh (26) zh

(30) 99 1 06790.8 **21 May/mai 1999** CN **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOVEL METHOD FOR PRODUCING MICROARRAY CHIP OF CHEMICAL COMPOUND AND THE MICROARRAY CHIP OF CHEMICAL COMPOUND PRODUCED THEREBY

• NOUVEAU PROCEDE DE PRODUCTION DE PUCE MICROCIRCUIT DE COMPOSE CHIMIQUE ET PUCE AINSI OBTENUE

(71, 72) **LU, Zuhong** [CN/CN]; National Laboratory for Molecular & Biomolecular Electronics, Southeast University, 2 Sipailou, Nanjing City, Jiangsu 210096 (CN).

(72, 75) **HE, Nongyue** [CN/CN]; National Laboratory for Molecular & Biomolecular Electronics, Southeast University, 2 Sipailou, Nanjing City, Jiangsu 210096 (CN). **ZHAO, Yujie** [CN/CN]; National Laboratory for Molecular & Biomolecular Electronics, Southeast University, 2 Sipailou, Nanjing City, Jiangsu 210096 (CN). **MA, Jianmin** [CN/CN]; National Laboratory for Molecular & Biomolecular Electronics, Southeast University, 2 Sipailou, Nanjing City, Jiangsu 210096 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th floor, 2 Fuchengmenwai Sreet, Beijing 100037 (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/68**

(11) **WO 00/71747** (13) A2

(21) PCT/EP00/02938

(22) **1 Apr/avr 2000 (01.04.2000)**

(25) de (26) de

(30) 199 23 966.5 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETECTION SYSTEM FOR SEPARATING CONSTITUENTS OF A SAMPLE AND PRODUCTION AND USE OF THE SAME

• SYSTEME DE DETECTION AUX FINS DE SEPARATION DES CONSTITUANTS D'UN PRELEVEMENT, SA PRODUCTION ET SON UTILISATION

(71) **AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO KG** [DE/DE]; F-65926 Frankfurt am Main (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BÖKENKAMP, Dirk** [DE/DE]; Am Bellingholz 18, D-59368 Werne (DE). **HOPPE, Hans-Ulrich** [DE/DE]; Meisenstr. 14, D-85416 Langenbach (DE). **BURGSTALLER, Petra** [DE/DE]; Baseler Str. 142, D-12205 Berlin (DE).

(74) **AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO KG**; Patent- und Lizenzabteilung, Industriepark Höchst, Gebäude D 706, D-65926 Frankfurt am Main (DE).

(81) AU BR CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C12Q 1/68**

(11) **WO 00/71748** (13) A2

(21) PCT/EP00/04564

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99110011.6 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ERS-GENES, METHOD OF SCREENING FOR CHEMICAL COMPOUNDS CAPABLE OF INDUCING ERS IN PLANTS

• GENES ERS, PROCEDE DE CRIBLAGE DE COMPOSES CHIMIQUES CAPABLES D'INDUIRE UN ETAT DE RESISTANCE ACCRU DANS LES PLANTES

(71) **AMERICAN CYANAMID COMPANY** [US/US]; 5 Giralda Farms, Madison, NJ 07940 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOGEL, Karl-Heinz** [DE/DE]; Ludwigstrasse 23, D-35390 Giessen (DE).

(74) **WIBBELMANN, Jobst**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, D-81541 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/68**

(11) **WO 00/71749** (13) A2

(21) PCT/EP00/04791

(22) **25 May/mai 2000 (25.05.2000)**

(25) de (26) de

(30) 199 23 966.5 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETECTION SYSTEM FOR ANALYZING MOLECULAR INTERACTIONS, PRODUCTION AND UTILIZATION THEREOF

• SYSTEME DE DETECTION POUR L'ANALYSE D'INTERACTIONS MOLECULAIRES, SA PRODUCTION ET SON UTILISATION

(71) **AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG** [DE/DE]; D-65929 Frankfurt (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BÖKENKAMP, Dirk** [DE/DE]; Am Bellingholz 18, D-59368 Werne (DE). **HOPPE, Hans-Ulrich** [DE/DE]; Meisenstrasse 14, D-85416 Langenbach (DE). **BURGSTALLER, Petra** [DE/DE]; Baseler Strasse 142, D-12205 Berlin (DE). **KONZ, Dirk** [DE/DE]; Sindlinger Strasse 46, D-65719 Hofheim (DE). **WÖLK, Uwe** [DE/DE]; Cappelerstrasse 51, D-35039 Marburg (DE). **PIGNOT, Marc** [DE/DE]; Freiherr-von-Stein Strasse 4, D-65812 Bad Soden (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MA MD MG MN MX MZ NO NZ PL RO RU SG SI SK SL TJ TM TR TT TZ UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/68**

(11) **WO 00/71750** (13) A1

(21) PCT/FR00/01385

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06599 **20 May/mai 1999 (20.05.1999)** FR

(30) 99/15314 **6 Dec/déc 1999 (06.12.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR ANALYSING A PATIENT'S GENETIC PREDISPOSITION TO AT LEAST A DISEASE AND AMPLIFICATION ADAPTED TO SUCH A METHOD
• PROCEDE D'ANALYSE DE LA PREDISPOSITION GENETIQUE D'UN PATIENT A AU MOINS UNE MALADIE ET AMPLIFICATION ADAPTEE A UN TEL PROCEDE

(71) **BIO MERIEUX** [FR/FR]; Chemin de l'Orme, F-69280 Marcy L'Etoile (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOUGIN, Bruno** [FR/FR]; 29, rue Lamartine, F-69003 Lyon (FR). **TIERCY, Jean-Marie** [CH/CH]; 6, avenue Gasparin, F-12024 Chenes-Bougeries (FR).

(74) **DIDIER, Mireille**; Boîte postale 6153, F-69466 Lyon Cedex 6 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12Q 1/68, C12P 21/06, 19/34, A01N 43/04, 37/18, A61K 38/00, 38/28, C07H 21/02, 21/04**

(11) **WO 00/71751** (13) A1

(21) PCT/US00/13327

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/135,423 **21 May/mai 1999 (21.05.1999)** US

(30) 60/174,700 **6 Jan/jan 2000 (06.01.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIABETES GENE
• GENE DU DIABETE

(71) **MYRIAD GENETICS, INC.** [US/US]; 320 Wakara Way, Salt Lake City, UT 84108 (US).

(72) **MCGRAIL, Maura**; 2125 Texas St., Salt Lake City, UT 84109 (US). **RUSSELL, Deanna, L.**; 2731 South Hartford St., Salt Lake City, UT 84106 (US). **SHATTUCK, Donna, M.**; 1874 Texas St., Salt Lake City, UT 84108 (US).

(74) **IHNEN, Jeffrey, L.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, Suite 701 East, 555 13th Street N.W., Columbia Square, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12Q 1/68, G01N 33/50, C12N 5/16, C07K 14/47**

(11) **WO 00/71752** (13) A2

(21) PCT/US00/13610

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,047 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ASSAY FOR THE DETECTION OF PACLITAXEL RESISTANT CELLS IN HUMAN TUMORS
• ESSAI DE DETECTION DE CELLULES RESISTANT AU PACLITAXEL DANS DES TUMEURS HUMAINES

(71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; Office of General Counsel, 201 W. 7th Street, Austin, TX 78701 (US).

(72) **CABRAL, Fernando**; 4406 Nenana, Houston, TX 77035 (US).

(74) **STROZIER, Robert, W.**; Suite 930, 2925 Briarpark Drive, Houston, TX 77042 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/68**

(11) **WO 00/71753** (13) A2

(21) PCT/US00/14299

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,674 **24 May/mai 1999 (24.05.1999)** US

(30) 09/431,352 **1 Nov/nov 1999 (01.11.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR RESTENOSIS
• METHODES DIAGNOSTIQUES ET THERAPEUTIQUES CONTRE LA RESTENOSE

(71) **INTERLEUKIN GENETICS, INC.** [US/US]; 100 N.E. Loop 410, Suite 820, San Antonio, TX 78216-4749 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KORNMAN, Kenneth, S.** [US/US]; 3007 Orchard Hill, San Antonio, TX 78230 (US). **DUFF, Gordon, W.** [GB/GB]; 18 Ashgate Road, Sheffield S10 3BZ, South Yorkshire (GB). **CROSSMAN, David, C.** [GB/GB]; Sheffield S10 3BZ, South Yorkshire (GB). **FRANCIS, Sheila, E.** [GB/GB]; Sheffield S10 3BZ, South Yorkshire (GB). **STEPHENSON, Katherine** [US/US]; San Antonio, TX 78230 (US).

(74) **ARNOLD, Beth, E.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/68, C07K 14/47, C12N 15/85**

(11) **WO 00/71754** (13) A1

(21) PCT/US00/14354

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,448 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR DIAGNOSING, PREVENTING, AND TREATING DEVELOPMENTAL DISORDERS DUE TO A COMBINATION OF GENETIC AND ENVIRONMENTAL FACTORS
• PROCEDES POUR DIAGNOSTIQUER, PREVENIR ET TRAITER DES TROUBLES DE COMPORTEMENT DUS A UNE COMBINAISON DE FACTEURS GENETIQUES ET ENVIRONNEMENTAUX

(63) US 09/318,448 (CON)
25 May/mai 1999 (25.05.1999)

(71) **UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY** [US/US]; Suite 3200, 335 George Street, P.O. Box 2688, New Brunswick, NJ 08903 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JOHNSON, William, G.** [US/US]; 91 Stewart Road, Short Hills, NJ 07078 (US). **STENROOS, Edward, Scott** [US/US]; 2nd floor, 317 Ann Street, Harrison, NJ 07029 (US).

(74) **DAVIS, Michael, D.**; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C12Q 1/68**

(11) **WO 00/71755** (13) A2

(21) PCT/US00/14401

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,863 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR SEQUENCY AND CHARACTERIZING POLYMERIC BIOMOLECULES USING APTAMERS AND A METHOD FOR PRODUCING APTAMERS
• PROCEDES DE SEQUENÇAGE ET DE CARACTERISATION DE BIOMOLECULES POLYMERES AU MOYEN D'APTAMERES ET PROCEDE DE FABRICATION D'APTAMERES

(71) **PRAELUX INCORPORATED** [US/US]; 17 A Princess Road, Lawrenceville, NJ 08648 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KWAGH, Jae-Gyu** [US/US]; 203 Yorkshire Lane, Fairless Hills, PA 19030 (US). **MACKLIN, John, J.** [US/US]; 104 North Monroe Avenue, Wenonah, NJ 08090 (US). **MITSIS, Paul, G.** [US/US]; 100 Abernethy Drive, Trenton, NJ 08618 (US). **ULMER, Kevin, M.** [US/US]; 30 Margin Street, Cohasset, MA 02025 (US).

(74) **HALEY, James, F., Jr.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/68**

(11) **WO 00/71756** (13) A2

(21) PCT/US00/14674

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,853 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/577,634 **24 May/mai 2000** US **(24.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MATHEMATICAL ANALYSIS FOR THE ESTIMATION OF CHANGES IN THE LEVEL OF GENE EXPRESSION
• ANALYSE MATHEMATIQUE PERMETTANT D'ESTIMER LES CHANGEMENTS DU NIVEAU D'EXPRESSION GENIQUE

(63) US 60/135,853 (CIP)
25 May/mai 1999 (25.05.1999)
US 09/577,634 (CIP)
24 May/mai 2000 (24.05.2000)

(71) **AVENTIS PHARMACEUTICALS INC.** [US/US]; Route 202-206, P.O. Box 6800, Bridgewater, NJ 08807-0800 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **THEILHABER, Joachim** [US/US]; 10 Sacramento Place, Cambridge, MA 02138 (US). **BUSHNELL, Steven** [US/US]; 41 South Street, Medfield, MA 02052 (US). **FUCHS, Rainer** [US/US]; 40 Bowker Drive, Sudbury, MA 02193 (US).

(74) **ELRIFI, Ivor, R.**; Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C12Q 1/70, 1/68, C12P 19/34**

(11) **WO 00/71757** (13) A1

(21) PCT/US00/13744

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,425 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOSITIONS AND METHODS FOR LABELING OF NUCLEIC ACID MOLECULES
• COMPOSITIONS ET METHODES DE MARQUAGE DE 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 21701 (US). **SHIH, Po-Jen**; 10942 Shadow Lane, Columbia, MD 21044 (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) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C13D 3/06**

(11) **WO 00/71758** (13) A1

(21) PCT/EP00/04525

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/318,540 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR REFINING OF SUGAR
• SYSTEME ET PROCEDE POUR LE RAFFINAGE DU SUCRE

(71) **MESSER GRIESHEIM GMBH** [DE/DE]; Frankfurt Airport Center 1, C9, Hugo-Eckener-Ring, 60547 Frankfurt (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRAHMBHATT, Sudhir, R.** [US/US]; 1700 Countrytop Court, Glencoe, MO 63038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C21B**

(11) **WO 00/71759** (13) A2

(21) PCT/US00/14080

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/318,424 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS OF FORMING STEEL
• PROCEDES DE FORMATION D'ACIER

(71) **BECHTEL BWXT IDAHO, LLC** [US/US]; P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(72) **BRANAGAN, Daniel, J.**; 1435 Bone Road, Iona, ID 83427 (US). **BURCH, Joseph, V.**; 725 North 900 East, Shelley, ID 83274 (US).

(74) **KIRSCH, Alan, D.**; Bechtel BWXT Idaho, LLC, P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C21C 5/32**

(11) **WO 00/71760** (13) A1

(21) PCT/US00/13980

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/315,302 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMBINED FORGED AND CAST LANCE TIP ASSEMBLY
• ENSEMBLE POINTE DE LANCE FAITE DE PIECES MOULEES ET FORGEES

(71) **BERRY METAL COMPANY** [US/US]; 2408 Evans City Road, Harmony, PA 16037-7799 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LECZO, Theodore, J.** [US/US]; 1642 Oakleaf Lane, Pittsburgh, PA 15237 (US). **RYMARCHYK, Nicholas, M., Jr.** [US/US]; 126 Green Forest Drive, Baden, PA 15005 (US). **MANLEY, Stephen, A.** [US/US]; 102 Mulberry Court, Butler, PA 16001 (US). **DANEK, Peter, J.** [US/US]; 401 Woodland Drive, Zelienople, PA 16063 (US).

(74) **LETCHFORD, John, F.**; Dilworth Paxson LLP, 3200 Mellon Bank Center, 1735 Market Street, Philadelphia, PA 19103-7595 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C21C 5/42**

(11) **WO 00/71761** (13) A1

(21) PCT/US00/14415

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/134,722 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/435,734 **8 Nov/nov 1999** US **(08.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTROMAGNETIC BRAKING PROCESS IN THE OUTLET CHANNEL OF A FURNACE
• FREIN ELECTROMAGNETIQUE DANS LE CANAL D'EVACUATION D'UN FOUR

(71) **DANIELI CORPORATION** [US/US]; Suite 400, 800 Cranberry Woods Drive, Cranberry Township, PA 16066 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BENEDETTI, Gianpietro** [—/IT]; Strada degli Aceri, 32, I-Campoformido (IT). **PAVLICEVIC, Milorad** [—/IT]; Via Pracchiuso, 31/7, I-33100 Udine (IT). **CODUTTI, Andrea** [—/IT]; Strada dei Colli, 14, I-33030 Moruzzo (IT). **MARTINIS, Alessandro** [—/IT]; Via Kennedy, 39, I-Zugliano Del Friuli (IT). **TESSAROTTO, Massimo** [—/IT]; Via Artemesio, 54, I-34127 Trieste (IT). **BATIC, Davide** [—/IT]; Boettger Strasse 4, D-01129 Dresden (DE).

(74) **GARBER, Kevin, J.**; Babst Calland Clements & Zomnir, P.C., Two Gateway Center, 8th Floor, Pittsburgh, PA 15222 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C21D 9/68**

(11) **WO 00/71762** (13) A1

(21) PCT/IB00/00683

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,846 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COIL AREA FOR IN-LINE TREATMENT OF ROLLED PRODUCTS
• ZONE DE BOBINAGE POUR UN TRAITEMENT EN LIGNE DE PIECES LAMINEES

(71) **DANIELI TECHNOLOGY, INC.** [US/US]; 800 Cranberry Woods Drive, Suite 400, Cranberry Township, PA 16066 (US).

(72) **BENEDETTI, Gianpietro**; Strada degli Aceri, 32, I-33030 Campoformido (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C22B 3/18, 3/00, 15/00**

(11) **WO 00/71763** (13) A1

(21) PCT/AU00/00442

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PQ 0456 **19 May/mai 1999** AU **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN IMPROVED METHOD FOR HEAP LEACHING OF CHALCOPYRITE
• AMELIORATION APPORTEE A UN PROCEDE DE LIXIVIATION EN TAS DE CHALCOPYRITE

(71) **BACTECH (AUSTRALIA) PTY LTD.** [AU/AU]; 12 Aitken Way, Kewdale, W.A. 6105 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **MILLER, Paul** (legal representative of the deceased inventor / représentant légal de l'inventeur décédé) [GB/AU]; 21 Finney Crescent, Marmion, W.A. 6020 (AU).
*(only for / seulement pour US)*

(72) **WINBY, Richard** (deceased / décédé).

(72, 75) **MILLER, Paul** [GB/AU]; 21 Finney Crescent, Marmion, W.A. 6050 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; 4th floor, "Durack Centre", 263 Adelaide Terrace, Perth, W.A. 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C22C**

(11) **WO 00/71764** (13) A2

(21) PCT/US00/12222

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 09/306,968 **7 May/mai 1999** US **(07.05.1999)**

(30) 09/307,616 **7 May/mai 1999** US **(07.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COBALT-BASE COMPOSITION AND METHOD FOR DIFFUSION BRAZE REPAIR OF SUPERALLOY ARTICLES
• COMPOSITION A BASE DE COBALT ET PROCEDE DE REPARATION PAR BRASAGE PAR DIFFUSION D'ARTICLES EN SUPERALLIAGE

(71) **ALLISON ENGINE COMPANY INC.** [US/US]; P.O. Box 420, Indianapolis, IN 46206-0420 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHESNES, Richard, P.** [US/US]; 912 Franklin Trace, Zionsville, IN 46077 (US).

(74) **MYERS, James, B.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C22C 21/02, 21/04 // F02F 1/00**

(11) **WO 00/71765** (13) A1

(21) PCT/BR00/00056

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PI 9901553-6 **19 May/mai 1999** BR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ALUMINUM-BASE ALLOY FOR CYLINDER HEADS
• ALLIAGE A BASE D'ALUMINIUM DESTINE A LA FABRICATION DE CULASSES

(71) **FORD MOTOR COMPANY BRASIL LTDA.** [BR/BR]; Avenida do Taboão, 899, CEP-09655-900 São Bernardo do Campo, SP (BR). **INSTITUTO DE PESQUISAS TECNOLÓGICAS DO ESTADO DE SÃO PAULO S.A. - IPT** [BR/BR]; Cidade Universitária "Armando de Salles Oliveira", CEP-05508-901 São Paulo, SP (BR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PINTO, Fernando, Barata de Paula** [BR/BR]; Apto. 84 - Morumbi, Rua Manoel Antônio Pinto, 1200, CEP-05663-020 São Paulo, SP (BR). **CARMEZINI, Antonio, Silvio** [BR/BR]; Rua Capote Valente, 1423, Casa 1 - Pinheiros, CEP-05409-003 São Paulo, SP (BR). **FONSECA, Eduardo, Celso** [BR/BR]; Apto. 52 - Jardim da Saúde, Rua Tuiucuê, 12, CEP-04149-130 São Paulo, SP (BR). **FUOCO, Ricardo** [BR/BR]; Apto. 32, Rua Jericó, 39, CEP-05435-040 São Paulo, SP (BR).

(74) **MOMSEN, LEONARDOS & CIA.**; 10th floor, Rua Teófilo Ottoni, 63, CEP-20090-080 Rio de Janeiro, RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C22C 21/10, C22F 1/053**

(11) **WO 00/71766** (13) A1

(21) PCT/RU99/00169

(22) **24 May/mai 1999 (24.05.1999)**

(25) ru (26) ru

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ALUMINIUM-CONTAINING MATERIAL AND METHOD FOR MAKING ARTICLES MADE OF SAID ALUMINIUM-CONTAINING MATERIAL
• MATERIAU A BASE D'ALUMINIUM ET PROCEDE DE FABRICATION D'ARTICLES EN MATERIAU A BASE D'ALUMININIUM

(71) **ZAKRYTOE AKTSIONERNOE OBSCHESTVO "METAL-PARK"** [RU/RU]; ul. Iliicha, 7-51, Korolev,, Moskovskaya obl., 141070 (RU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AXENOV, Andrei Anatolievich** [RU/RU]; ul. Novatorov, 26-34, Moscow, 117393 (RU). **BELOV, Nikolai Alexandrovich** [RU/RU]; Sirenevy bul., 25-42, Moscow, 105425 (RU). **ZOLOTOREVSKY, Vadim Semenovich** [RU/RU]; ul. Krupskoi, 3-126, Moscow, 117331 (RU).

(74) **KURZEL, Iosif Antonovich**; ul. Butlerova, 4-2-33, Moscow, 117485 (RU).

(81) AU CA CN JP KR MX US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **C22C 21/16**

(11) **WO 00/71767** (13) A1

(21) PCT/US99/20313

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 09/322,768 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ALUMINUM-SILICON ALLOY HAVING IMPROVED PROPERTIES AT ELEVATED TEMPERATURES AND ARTICLES CAST THEREFROM
• ALLIAGE ALUMINIUM-SILICIUM POSSEDANT DES PROPRIETES AMELIOREES A DES TEMPERATURES ELEVEES, ET ARTICLES COULES A PARTIR DE CET ALLIAGE

(71) **THE UNITED STATES OF AMERICA as represented by THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)** [US/US]; 300 E Street S.W., Washington, DC 20546 (US).

(72) **LEE, Jonathan, A.**; 532 Brenda Drive, Madison, AL 35758 (US). **CHEN, Po-Shou**; 9421 O'Jay Drive, Huntsville, AL 35803 (US).

(74) **MCGROARY, James, J.**; National Aeronautics and Space Administration, Marshall Space Flight Center, Code LS01/Office of Chief Counsel, Marshall Space Flight Center, AL 35812 (US).

(81) CA CN JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C22C 29/18, H01B 1/06**

(11) **WO 00/71768** (13) A1

(21) PCT/SE00/00871

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 9901827-7 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RESISTANCE-HEATING ELEMENT
• ELEMENT DE CHAUFFAGE PAR RESISTANCE

(71) **SANDVIK AB; (publ)** [SE/SE]; S-811 81 Sandviken (SE).

(72) **SUNDBERG, Mats**; Liljanstorpsvägen 57, S-722 46 Västerås (SE).

(74) **TÅQUIST, Lennart**; Sandvik AB, Patent Dept., S-811 81 Sandviken (SE).

(81) AU BR CN IN JP KR.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

(51)[7] **C22C 33/02**

(11) **WO 00/71769** (13) A1

(21) PCT/CA00/00618

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,384 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • h-BN MODIFIED P/M STAINLESS STEELS
• POUDRES/MELANGES INOXYDABLES MODIFIES PAR h-BN

(71) **MAXTECH MANUFACTURING INC.** [CA/CA]; 620 McMurray Road, Waterloo, Ontario N2V 2E7 (CA).

(72) **BAAZI, Tandjaoui**; 1102 Dijon, app. 1, Sainte-Foy, Québec G1W 4M8 (CA). **ANGERS, Roch**; 2645 Vigneault, Sainte-Foy, Québec G1W 1X4 (CA). **LACOMBE, Danielle**; 966 de la Colline, app.204, Sainte-Foy, Québec G1W 4X8 (CA).

(74) **ARMSTRONG, R., Craig**; Armstrong & Associates, 285 Fountain Street South, Cambridge, Ontario H3H 1J2 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **C22C 38/00, 38/16, C21D 6/00, 9/00**

(11) **WO 00/71770** (13) A1

(21) PCT/US00/14822

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 09/320,024 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MEDIUM CARBON STEELS AND LOW ALLOY STEELS WITH ENHANCED MACHINABILITY
• ACIERS A TENEUR MOYENNE EN CARBONE ET ACIERS FAIBLEMENT ALLIES, PRESENTANT UNE USINABILITE AMELIOREE

(71) **UNIVERSITY OF PITTSBURGH** [US/US]; 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, PA 15260 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DEARDO, Anthony, J.** [—/US]; 205 Mayfair, Pittsburgh, PA 15228 (US). **GARCIA, C., Isaac** [—/US]; 2339 Marbury Road, Pittsburgh, PA 15221 (US).

(74) **LIZZI, Thomas** et al. / etc.; Metz Schermer & Lewis L.L.C., 11 Stanwix Street, Pittsburgh, PA 15222 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C22F 1/04, C22C 21/16**

(11) **WO 00/71772** (13) A1

(21) PCT/US99/20314

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 09/322,713 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ALUMINUM-SILICON ALLOY HAVING IMPROVED PROPERTIES AT ELEVATED TEMPERATURES
• ALLIAGE ALUMINIUM-SILICIUM POSSEDANT DES PROPRIETES AMELIOREES A DES TEMPERATURES ELEVEES, ET ARTICLES COULES A PARTIR DE CET ALLIAGE

(71) **THE UNITED STATES OF AMERICA as represented by THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)** [US/US]; 300 E Street SW, Washington, DC 20546 (US).

(72) **LEE, Jonathan, A.**; 532 Brenda Drive, Madison, AL 35758 (US). **CHEN, Po-Shou**; 9421 O'Jay Drive, Huntsville, AL 35803 (US).

(74) **MCGROARY, James, J.**; National Aeronautics and Space Administration, Marshall Space Flight Center, Code LS01/Office of Chief Counsel, Marshall Space Flight Center, AL 35812 (US).

(81) CA CN JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C23C 2/06, 22/17**

(11) **WO 00/71773** (13) A1

(21) PCT/JP99/07362

(22) **27 Dec/déc 1999 (27.12.1999)**

(25) ja (26) ja

(30) 11/143973 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/175853 **22 Jun/juin 1999** JP **(22.06.1999)**

(30) 11/175918 **22 Jun/juin 1999** JP **(22.06.1999)**

(30) 11/179913 **25 Jun/juin 1999** JP **(25.06.1999)**

(30) 11/240947 **27 Aug/août 1999** JP **(27.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PLATED STEEL PRODUCT, PLATED STEEL SHEET AND PRECOATED STEEL SHEET HAVING EXCELLENT RESISTANCE TO CORROSION
• PRODUIT D'ACIER PLAQUE, FEUILLE D'ACIER PLAQUEE ET FEUILLE D'ACIER PREREVETUE POSSEDANT UNE EXCELLENTE RESISTANCE A LA CORROSION

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

(72) **HONDA, Kazuhiko**; Nippon Steel Corporation Kimitsu Works, 1, Kimitsu, Kimitsu City, Chiba 299-1193 (JP). **NISHIMURA, Kazumi**; Nippon Steel Corporation Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **MORIMOTO, Yasuhide**; Nippon Steel Corporation Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **TANAKA, Satoru**; Nippon Steel Corporation Kimitsu Works, 1, Kimitsu, Kimitsu City, Chiba 299-1193 (JP). **SUEMUNE, Yoshihiro**; Nippon Steel Corporation Kimitsu Works, 1, Kimitsu, Kimitsu City, Chiba 299-1193 (JP). **MAKI, Jun**; Nippon Steel Corporation Yawata Works, 1-1, Tobihata-cho, Tobata-ku, Kitakyushu City, Fukuoka 804-8501 (JP). **SHINDO, Hidetoshi**; Nippon Steel

Corporation Hirohata Works, 1, Fujicho, Hirohata-ku, Himeji City, Hyogo 671-1188 (JP). **SUGIYAMA, Masaaki**; Nippon Steel Corporation Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **FURUKAWA, Hiroyasu**; Nippon Steel Corporation Kimitsu Works, 1, Kimitsu, Kimitsu City, Chiba 299-1193 (JP). **KUROSAKI, Masao**; Nippon Steel Corporation Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **NOMURA, Hiromasa**; Nippon Steel Corporation Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **KANAI, Hiroshi**; Nippon Steel Corporation Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP). **UEDA, Kohei**; Nippon Steel Corporation Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-0011 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki, Ishida & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AU CA CN ID KR NZ.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C23C 14/00, 14/54, H01J 37/34**

(11) **WO 00/71774** (13) A1

(21) PCT/CH00/00286

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 964/99 **25 May/mai 1999** CH **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VACUUM TREATMENT INSTALLATION AND METHOD FOR PRODUCING WORKPIECES
• INSTALLATION DE TRAITEMENT SOUS VIDE ET PROCEDE DE PRODUCTION DE PIECES

(71) **BALZERS AKTIENGESELLSCHAFT** [LI/LI]; FL-9496 Balzers (LI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZUEGER, Othmar** [CH/LI]; Oberfeld 94, FL-9495 Triesen (LI).

(74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdtstrasse 95, CH-8050 Zürich (CH).

(81) CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C23C 14/28**

(11) **WO 00/71775** (13) A1

(21) PCT/US00/14067

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/316,322 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF COATING THREE DIMENSIONAL OBJECTS WITH MOLECULAR SIEVES
• PROCEDE D'APPLICATION DE TAMIS MOLECULAIRES SUR DES OBJETS TRIDIMENSIONNELS

(63) US 09/316,322 (CON) 21 May/mai 1999 (21.05.1999)

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 W. 7th Street, Austin, TX 78701 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BALKUS, Kenneth, J., Jr.** [US/US]; 5405 Merrell Circle, The Colony, TX 75056 (US). **KINSEL, Mary, E.** [US/US]; 1205 Glenbury Court, Arlington, TX 76006 (US). **SCOTT, Ashley, S.** [US/US]; Apartment 1614, 2200 Waterview Parkway, Richardson, TX 75080 (US).

(74) **HASH, Stephen, M.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C23C 14/28**

(11) **WO 00/71776** (13) A1

(21) PCT/US00/14068

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/315,805 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PREPARATION OF LASER DEPOSITED ORIENTED FILMS AND MEMBRANES
• PREPARATION DE MEMBRANES ET DE FILMS ORIENTES DEPOSES PAR LASER

(63) US 09/315,805 (CON) 21 May/mai 1999 (21.05.1999)

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 W. 7th Street, Austin, TX 78701 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BALKUS, Kenneth, J., Jr.** [US/US]; 5405 Merrell Circle, The Colony, TX 75056 (US). **KINSEL, Mary, E.** [US/US]; 1205 Glenbury Court, Arlington, TX 76006 (US). **WASHMON, Lisa, L.** [US/US]; 158 Leda Drive, Dallas, TX 75218 (US).

(74) **HASH, Stephen, M.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C23C 14/34, G02F 1/15, C23C 14/08**

(11) **WO 00/71777** (13) A1

(21) PCT/FR00/01388

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06408 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTROCHEMICAL DEVICE
• DISPOSITIF ELECTROCHIMIQUE

(71) **SAINT-GOBAIN VITRAGE** [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BETEILLE, Fabien** [FR/FR]; 11, rue Claude Pouillet, F-75017 Paris (FR). **GIRON, Jean-Christophe** [FR/FR]; 36, rue Traversière, F-75012 Paris (FR). **VERMEERSCH, Marc** [BE/BE]; Rue Louis Hicguet 68, B-5002 Namur (BE).

(74) **RENOUS CHAN, Véronique** et al. / etc.; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C23C 16/00**

(11) **WO 00/71778** (13) A1

(21) PCT/US00/13754

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,362 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROTECTIVE GAS SHIELD APPARATUS
• APPAREIL DE PROTECTION GAZEUSE

(71) **SILICON VALLEY GROUP, THERMAL SYSTEMS LLC** [US/US]; 440 Kings Village Road, Scotts Valley, CA 95066 (US).

(72) **STODDARD, D., Neil**; 1832 Rina Court, Santa Cruz, CA 95062 (US). **YUH, Soon, K.**; 133 Navigator Drive, Scotts Valley, CA 95066 (US).

(74) **SWIATEK, Maria, S.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C23C 16/00**

(11) **WO 00/71779** (13) A1

(21) PCT/US00/13855

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,000 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PYROLYTIC CARBON COATING APPARATUS HAVING FEED GAS ACTUATOR
• APPAREIL DE REVETEMENT AU CARBONE PYROLITIQUE DOTE D'UN ACTIONNEUR A ALIMENTATION A GAZ

(71) **MEDICALCV, INC.** [US/US]; 9605 West Jefferson Trail, Inver Grove Heights, MN 55007 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PATKE, Kishor** [—/US]; 493 Lake Wabasso Court, Shoreview, MN 55126 (US).

(74) **FREED, Robert** et al. / etc.; 2900 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C23C 16/26, C08J 7/06, B65D 1/00**

(11) **WO 00/71780** (13) A1

(21) PCT/JP00/02648

(22) **21 Apr/avr 2000 (21.04.2000)**

(25) ja (26) ja

(30) 11/139211 **19 May/mai 1999** JP **(19.05.1999)**

(30) 11/299806 **21 Oct/oct 1999** JP **(21.10.1999)**

(30) 2000/48386 **24 Feb/fév 2000** JP **(24.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DLC FILM, DLC-COATED PLASTIC CONTAINER, AND METHOD AND APPARATUS FOR MANUFACTURING DLC-COATED PLASTIC CONTAINER
• FILM DLC, CONTENANT EN PLASTIQUE RECOUVERT DE DLC, ET PROCEDE ET APPAREIL DE FABRICATION DE CONTENANT EN PLASTIQUE RECOUVERT DE DLC

(71) **MITSUBISHI SHOJI PLASTICS CORPORATION** [JP/JP]; Gotanda Fuji Building, 27-2, Nishigotanda 1-chome, Shinagawa-ku, Tokyo 141-8535 (JP). **HOKKAI CAN CO.,LTD** [JP/JP]; 2-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KIRIN BREWERY COMPANY, LIMITED** [JP/JP]; 10-1, Shinkawa 2-chome, Tyuuou-ku, Tokyo 104-8288 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **YAMASHITA, Yuuji** [JP/JP]; Hokkai Can Co.,Ltd, 5-15, Ueno 4-chome, Iwatsuki, Saitama 339-0073 (JP). **KAGE, Tsuyoshi** [JP/JP]; Mitsubishi Shoji Plastics Corporation, Gotanda Fuji Building, 27-2, Nishigotanda 1-chome, Shinagawa-ku, Tokyo 141-8535 (JP).

(72, 75) **MORI, Shigeki** [JP/JP]; Hokkai Can Co.,ltd, 5-15, Ueno 4-chome, Iwatsuki, Saitama 339-0073 (JP).

(74) **TOKITA, Susumu** et al. / etc.; Hanei Kotohira-cho Building, 4th Floor, 11-2, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C23C 30/00, 4/18, 26/02**

(11) **WO 00/71781** (13) A2

(21) PCT/US00/13981

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/318,902 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BOND COATS FOR TURBINE COMPONENTS AND METHOD OF APPLYING THE SAME
• COUCHES DE LIAISON POUR COMPOSANTS DE TURBINE ET LEUR PROCEDE D'APPLICATION

(71) **SIEMENS WESTINGHOUSE POWER CORPORATION** [US/US]; 4400 Alafaya Trail, Orlando, FL 32826-2399 (US).

(72) **SABOL, Stephen, M.**; 1306 Saddle Ridge Drive, Orlando, FL 32835 (US). **GOEDJEN, John, G.**; 1018 Willa Lake Road, Oviedo, FL 32765 (US).

(74) **STAUDT, Daniel, J.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C23F 3/00, B08B 3/00**

(11) **WO 00/71782** (13) A1

(21) PCT/US00/14019

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,267 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR WET PROCESSING ELECTRONIC COMPONENTS HAVING COPPER CONTAINING SURFACES
• PROCEDE DE TRAITEMENT PAR VOIE HUMIDE DE COMPOSANTS ELECTRONIQUES DONT LES SURFACES CONTIENNENT DU CUIVRE

(71) **CFMT, INC.** [US/US]; Suite 106-F, 1403 Foulk Road, Wilmington, DE 19803 (US).

(72) **VERHAVERBEKE, Steven**; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(74) **PARKER, Henrik, D.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C25B 9/00, 15/00, C25F 7/00, 7/02**

(11) **WO 00/71783** (13) A1

(21) PCT/US00/14513

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,468 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/318,469 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/514,431 **28 Feb/fév 2000** US **(28.02.2000)**

(30) 09/579,178 **24 May/mai 2000** US **(24.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PORTABLE DISINFECTION AND FILTRATION SYSTEM
• SYSTEME PORTABLE DE DESINFECTION ET DE FILTRATION

(71) **MIOX CORPORATION** [US/US]; 5500 Midway Park Place, N.E., Albuquerque, NM 87109 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HERRINGTON, Rodney, E.** [US/US]; 8631 Glenridge Place, N.W., Albuquerque, NM 87114 (US). **MITCHKE, Curtis, M.** [US/US]; 7324 Tricia, N.E., Albuquerque, NM 87113 (US). **HICKERSON, John, K.** [US/US]; 1545 Eagle Ridge Road, N.E., Albuquerque, NM 87122 (US). **CUSHMAN, Timothy, A.** [US/US]; 46 Derek Road, Sandia Park, NM 87047 (US). **WHITE, John, F.** [US/US]; 1509 Blackbird Road, Rio Rancho, NM 87124 (US). **BRADFORD, Wesley, L.** [US/US]; 1015 Los Pueblos, Los Alamos, NM 87544 (US). **SCHWARZ, Kevin** [US/US]; 1000 Brazos Court, S.E., Albuquerque, NM 87123 (US). **CLEMENT, Allen, D.** [US/US]; 6709 Valle Verde Road, N.W., Albuquerque, NM 87114 (US).

(74) **PANGRLE, Brian, J.**; Peacock, Myers & Adams, P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C25D 5/44**

(11) **WO 00/71784** (13) A2

(21) PCT/EP00/04608

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 99201649.3 **21 May/mai 1999** EP **(21.05.1999)**

(30) 00200868.8 **10 Mar/mar 2000** EP **(10.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BRAZING SHEET PRODUCT AND METHOD OF ITS MANUFACTURE
• FEUILLE DE BRASURE ET PROCEDE DE FABRICATION ASSOCIE

(71) **CORUS 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) **MOOIJ, Joop, Nicolaas** [NL/NL]; Walstro 56, NL-1902 JP Castricum (NL). **WITTEBROOD, Adrianus, Jacobus** [NL/NL]; Vederkruid 8, NL-1991 HB Velserbroek (NL). **WIJENBERG, Jacques, Hubert, Olga, Joseph** [NL/NL]; Sumatrakade 63, NL-1019 PH Amsterdam (NL).

(74) **HANSEN, Willem, Joseph, Maria**; Corus Technology BV, P.O. Box 10000, NL-1970 CA IJmuiden (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C27C**

(11) **WO 00/71785** (13) A2

(21) PCT/GB00/01746

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 9911792.1 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HERBICIDES
• HERBICIDES

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PARRY, David, Rees** [GB/GB]; Zeneca Agrochemicals, Jealotts Hill International Research Centre, Bracknell, Berkshire RG42 6ET (GB). **MITCHELL, Glynn** [GB/GB]; Zeneca Agrochemicals, Jealotts Hill International Research Centre, Bracknell, Berkshire RG42 6ET (GB). **MICHAELY, William** [US/US]; 2522 Carquinez Avenue, El Cerrito, CA 94530 (US). **LEE, David, Louis** [US/US]; 110 Buxton Circle, Pleasant Hill, CA 94523 (US).

(74) **RICKS, Michael, James** et al. / etc.; Intellectual Property Dept., Zeneca Agrochemicals, Jealotts Hill International Research Centre, P.O. Box 3538, Bracknell RG42 6YA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **C30B 15/00, 17/00**

(11) **WO 00/71786** (13) A1

(21) PCT/JP00/03264

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/178815 **22 May/mai 1999** JP **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR GROWING HIGH QUALITY SINGLE CRYSTAL
• PROCEDE ET APPAREIL DE FABRICATION DE MONOCRISTAUX DE GRANDE QUALITE

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SASAKI, Takatomo** [JP/JP]; 2-8, Yamada-nishi, Suita-shi, Osaka 565-0824 (JP). **MORI, Yusuke** [JP/JP]; 16-9, Kisaichi 8-chome, Katano-shi, Osaka 576-0033 (JP). **YOSHIMURA, Masashi** [JP/JP]; 2-10, Nobehiro-cho, Fukuyama-shi, Hiroshima 720-0064 (JP).

(74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).

(81) CN IL IN KR RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **C30B 29/36, 23/00**

(11) **WO 00/71787** (13) A2

(21) PCT/US00/13557

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/313,802 **18 May/mai 1999** US **(18.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEMI-INSULATING SILICON CARBIDE WITHOUT VANADIUM DOMINATION
• CARBURE DE SILICIUM SEMI-ISOLANT SANS VANADIUM DOMINANT

(63) US 09/313,802 (CON) 18 May/mai 1999 (18.05.1999)

(71) **CREE, INC.** [US/US]; 4600 Silicon Drive, Durham, NC 27703 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CARTER, Calvin, H., Jr.** [US/US]; 114 North Drawbridge Lane, Cary, NC 27513 (US). **BRADY, Mark** [US/US]; 222 Old Fayetteville Road, Apt. M-103, Carrboro, NC 27510 (US). **TSVETKOV, Valeri F.** [RU/US]; 4535 Malvern Road, Durham, NC 27707 (US).

(74) **SUMMA, Philip** et al. / etc.; Philip Summa, P.A., Suite 315, 13777 Ballantyne Corporate Place, Charlotte, NC 28277 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D01F 1/10, 6/60, A46D 1/00**

(11) **WO 00/71788** (13) A1

(21) PCT/US00/14329

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,154 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TAPERED BRUSH BRISTLES WITH CLAY OR SILICA ADDITIVE AND BRUSHES MADE THEREFROM
• SOIES POUR BROSSES CONIQUES AVEC ADDITIF D'ARGILE OU DE SILICE ET BROSSES FABRIQUEES A PARTIR DE CEUX-CI

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **BREZLER, Russel, Alfred, III**; 243 Windsor Drive, Mineral Wells, WV 26150 (US).

(74) **LANGWORTHY, John, A.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **D01F 6/06, 6/46, 1/10, A61F 13/15, A61L 15/20, 15/46, B32B 27/02**

(11) **WO 00/71789** (13) A1

(21) PCT/US00/13972

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,381 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/153,626 **13 Sep/sep 1999** US **(13.09.1999)**

(30) Not furnished / non communiqué **17 May/mai 2000** US **(17.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDROPHILIC POLYPROPYLENE FIBERS HAVING ANTIMICROBIAL ACTIVITY
• FIBRES DE PROPYLENE HYDROPHILES POSSEDANT UNE ACTIVITE ANTIMICROBIENNE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **DUNSHEE, Wayne, K.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KLUN, Thomas, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHAFFER, Kevin, R.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **ANDREWS, Jeffrey, F.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **NEU, Debra, M.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHOLZ, Matthew, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **ROGERS, James, A.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D02G 3/00**

(11) **WO 00/71790** (13) A1

(21) PCT/US00/14538

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,912 **25 May/mai 1999** US **(25.05.1999)**

(30) 60/166,489 **19 Nov/nov 1999** US **(19.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIFUNCTIONAL FIBROUS MATERIAL WITH IMPROVED EDGE SEAL
• MATERIAU FIBREUX MULTIFONCTIONS AVEC SCELLEMENT AMELIORE DES BORDS

(71) **BKI HOLDING CORPORATION** [US/US]; Delaware Trust Capital Management, c/o Griffith Corparate Services, 300 Delaware Street, Wilmington, DE 19801 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ERSPAMER, John** [US/US]; 3716 Oak Bark Lane, Bartlett, TN 38139 (US). **BOEHMER, Brian, E.** [US/US]; 6348 Daybreak Drive, Bartlett, TN 38135 (US). **HURLEY, Jeffrey, S.** [US/US]; 3914 Wheelers Run Cove, Bartlett, TN 38135 (US). **BETTS, Derrix** [—/US]; 5838 Hickory Greene Drive, Memphis, TN 38141 (US).

(74) **TODARO, John, C.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D02J 1/08**

(11) **WO 00/71791** (13) A1

(21) PCT/US00/13588

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,573 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TEXTILE JET NOZZLE WITH SMOOTH YARN CHANNEL
• TUYERE D'EJECTION TEXTILE DOTEE D'UN CANAL LISSE POUR LE FIL

(71) **INTERNATIONAL MACHINERY SALES, INC.** [US/US]; P.O. Box 11276, 8065-J North Point Blvd., Winston-Salem, NC 27106-3218 (US).

(74) **PITTS, Robert, W.**; P.O. Box 11483, Winston-Salem, NC 27116-1483 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **D03D 47/34, B65H 57/28**

(11) **WO 00/71792** (13) A1

(21) PCT/CH00/00167

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) de (26) de

(30) 299 09 105.8 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THREAD TRANSPORT DEVICE FOR A WEAVING MACHINE
• DISPOSITIF DE TRANSPORT DE FIL POUR UNE MACHINE A TISSER

(71) **TEXTILMA AG** [CH/CH]; Seestrasse 97, CH-6052 Hergiswil (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YIDI, Carlos Eduardo** [CO/CO]; Edificio Cartier, Kra 56 Nro 79-69, Piso 11, Barranquilla (CO). **BÜHLER, Erich** [DE/DE]; Birsstrasse 5, D-79618 Rheinfelden (DE). **SILBERBAUER, Werner** [CH/CH]; Hofstrasse 2, CH-5073 Gipf-Oberfrick (CH).

(74) **SCHMAUDER & PARTNER AG**; Zwängiweg 7, CH-8038 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D04B 1/00, 1/14, 1/24, H05K 9/00, A41B 17/00**

(11) **WO 00/71793** (13) A1

(21) PCT/JP00/03333

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/144143 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/144445 **25 May/mai 1999** JP **(25.05.1999)**

(30) 11/311805 **2 Nov/nov 1999 (02.11.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRO-MAGNETIC WAVE SHIELDING KNITTED MATERIAL AND ELECTRO-MAGNETIC WAVE SHIELDING CLOTHES
• MATIERE TRICOTEE DE BLINDAGE CONTRE LES ONDES ELECTROMAGNETIQUES ET VETEMENTS DE BLINDAGE CONTRE LES ONDES ELECTROMAGNETIQUES

(71) **GUNZE LIMITED** [JP/JP]; 1, Zeze, Aonocho, Ayabe-shi, Kyoto 623-0011 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ISHIHARA, Ken** [JP/JP]; Ko 526, Kumyoji, Tanbara-cho, Shuso-gun, Ehime 791-0504 (JP). **NAMISAKI, Hisao** [JP/JP]; Research & Development Dept. of Gunze Limited, 1, Ishiburo, Inokura Shinmachi, Ayabe-shi, Kyoto 623-0051 (JP). **TANAKA, Yoshimi** [JP/JP]; Research & Development Dept. of Gunze Limited, 1, Ishiburo, Inokura Shinmachi, Ayabe-shi, Kyoto 623-0051 (JP). **MORITA, Shin-ichiro** [JP/JP]; Research & Development Dept. of Gunze Limited, 1, Ishiburo, Inokura Shinmachi, Ayabe-shi, Kyoto 623-0051 (JP). **HORI, Katsuhiro** [JP/JP]; Research & Development Dept. of Gunze Limited, 1, Ishiburo, Inokura Shinmachi, Ayabe-shi, Kyoto 623-0051 (JP). **ISHIKAWA, Kenzo** [JP/JP]; Apparel Divisions Group of Gunze Limited, 262, So, Miyazu-shi, Kyoto 626-0043 (JP). **YAMAZAKI, Takahiro** [JP/JP]; Apparel Divisions Group of Gunze Limited, 262, So, Miyazu-shi, Kyoto 626-0043 (JP). **SHIMIZU, Toshiyuki** [JP/JP]; Apparel Divisions Group of Gunze Limited, 262, So, Miyazu-shi, Kyoto 626-0043 (JP).

(74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D04B 1/24**

(11) **WO 00/71794** (13) A1

(21) PCT/IT00/00203

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) CO99A000018 **24 May/mai 1999 (24.05.1999)** IT

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD AND APPARATUS FOR AUTOMATICALLY PRODUCING TUBULAR KNITWEAR ITEMS PROVIDED WITH AT LEAST A BRACE, SHOULDER STRAP, LOOP AND THE LIKE, AND PRODUCTS OBTAINED THEREBY
• PROCEDE ET APPAREIL DE PRODUCTION AUTOMATIQUE D'ARTICLES DE BONNETERIE TUBULAIRES PRESENTANT AU MOINS UNE ATTACHE, DES BRETELLES, ET DES BOUCLES, ET PRODUITS AINSI OBTENUS

(71, 72) **SCIACCA, Franco** [IT/IT]; Via Veneto 18, I-22070 Cassina Rizzardi (IT).

(74) **GHIONI, Carlo, Raoul**; Bugnion S.P.A., Via Dante, 17, I-25122 Brescia (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **D04B 15/68**

(11) **WO 00/71795** (13) A1

(21) PCT/IB00/00690

(22) **23 May/mai 2000 (23.05.2000)**

(25) it (26) en

(30) MI99A001145 **24 May/mai 1999 (24.05.1999)** IT

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEEDLE CONTROL DEVICE FOR STOCKING KNITTING MACHINES
• DISPOSITIF DE COMMANDE D'AIGUILLES POUR METIERS A TISSER ET MACHINES POUR FABRIQUER DES ARTICLES A MAILLES

(71) **MATEC S.P.A.** [IT/IT]; Via Delle Nazioni Unite, 1, I-50018 Scandicci (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ANDO', Jan** [CZ/IT]; Via Delle Nazioni Unite, 1, I-50018 Scandicci (IT). **CACCIVIO, Giuseppe** [IT/IT]; Via Pisana, 519/D, I-50018 Scandicci (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milan (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **D04B 35/06**

(11) **WO 00/71796** (13) A1

(21) PCT/JP00/03127

(22) **15 May/mai 2000 (15.05.2000)**

(25) ja (26) ja

(30) 11/139089 **19 May/mai 1999 (19.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPOUND NEEDLE
• AIGUILLE COMPOSITE

(71) **SHIMA SEIKI MFG., LTD.** [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama 641-8511 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KYOUTANI, Minoru** [JP/JP]; 371-20, Awa, Wakayama-shi, Wakayama 640-8462 (JP).

(81) CN KR US.

(84) EP (DE FR GB IT).

---

(51)[7] **D04H 1/56**

(11) **WO 00/71797** (13) A1

(21) PCT/DE00/01635

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 344.6 **21 May/mai 1999 (21.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR THE PRODUCTION OF SPUNBONDED OR MELT BLOWN FIBERS/FILAMENTS, METHOD FOR THE PRODUCTION OF FOILS AND SPUNDBONDED OR MELT BLOWN FIBERS/FILAMENTS, FOILS AND NONWOVEN FABRIC
• PROCEDE POUR LA PRODUCTION DE FIBRES/FILAMENTS POUR NON-TISSE OU FUSION-SOUFFLAGE, PROCEDE POUR LA PRODUCTION DE FEUILLES, AINSI QUE FIBRES/FILAMENTS POUR NON-TISSE OU FUSION-SOUFFLAGE, FEUILLES ET TISSU NON TISSE

(71) **COROVIN GMBH** [DE/DE]; Woltorfer Strasse 124, D-31224 Peine (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUER, Joachim** [DE/DE]; Vor dem Schafskamp 34 a, D-31226 Peine (DE). **ROY, Indra** [DE/DE]; Vor dem Schafskamp 34 A, D-31226 Peine (DE).

(74) **THÖMEN, Uwe** et al. / etc.; Zeppelinstrasse 5, D-30175 Hannover (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **D04H 9/00, B32B 3/04, 15/02, B65D 90/22**

(11) **WO 00/71798** (13) A1

(21) PCT/US00/14323

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,277 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/382,849 **25 Aug/août 1999** US **(25.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FILLER ELEMENT FOR A TANK AND METHOD OF MANUFACTURE
• ELEMENT DE REMPLISSAGE POUR RESERVOIR ET SON PROCEDE DE FABRICATION

(63) US Not furnished / non communiqué (CON) Not furnished / non communiquée

(71, 72) **FENTON, Ronald, L.** [US/US]; 935 West Essex Place, Arlington Heights, IL 60004 (US).

(74) **VIGIL, Thomas, R.**; Vigil & Associates, 836 South Northwest Highway, Barrington, IL 60010 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **D05B 23/00**

(11) **WO 00/71799** (13) A1

(21) PCT/FR00/01396

(22) **22 May/mai 2000 (22.05.2000)**

(25) fr (26) fr

(30) 99/06421 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STITCHING MACHINE FOR THE TIP OF KNITTED TUBULAR ARTICLES SUCH AS STOCKINGS AND THE LIKE, IN PARTICULAR RETENTION ARTICLES
• MACHINE DE COUTURE DE LA POINTE D'ARTICLES TUBULAIRES TRICOTES TELS QUE BAS ET ANALOGUES, NOTAMMENT D'ARTICLES DE CONTENTION

(71) **INNOTHERA TOPIC INTERNATIONAL, SOCIETE ANONYME** [FR/FR]; 7-9, avenue François-Vincent Raspail, F-94110 Arcueil (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GUYOT, François** [FR/FR]; 11, rue de Bellay, F-50630 Richard-Menil (FR). **BESSE, Louis** [FR/FR]; 168, rue de Saint Mars, F-44240 Suce sur Erdre (FR). **SAGOT-DUVAUROUX, Benoît** [FR/FR]; 10 bis, rue des Eglantines, F-44470 Carquefou (FR). **VERMERSCH, Thierry** [FR/FR]; 22, rue du Bas Matz, F-44260 Savenay (FR).

(74) **DUPUIS-LATOUR, Dominique**; Cabinet Bardehle, Pagenberg & Partner, 14, boulevard Malesherbes, F-75008 Paris (FR).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT TZ UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **D05C 15/30, 15/20**

(11) **WO 00/71800** (13) A1

(21) PCT/GB00/01906

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911667.5 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A TUFTING MACHINE
• MACHINE A TUFTER

(71) **COBBLE BLACKBURN LIMITED** [GB/GB]; 100 Barbirolli Square, Manchester M2 3AB (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PRATT, Anthony, Richard** [GB/GB]; Harrietsham House, 214 Dunchurch Road, Rugby, Warwickshire CV22 6HR (GB).

(74) **BOULT WADE TENNANT**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D05C 17/00, D02G 3/44**

(11) **WO 00/71801** (13) A1

(21) PCT/JP00/03283

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/143442 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/351319 **10 Dec/déc 1999** JP **(10.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CLOTH HAVING EMBROIDERY PATTERN AND METHOD FOR FORMING EMBROIDERY PATTERN AND BOBBIN THREAD FOR EMBROIDER
• VETEMENT AVEC MOTIF DE BRODERIE ET PROCEDE DE FORMATION DE MOTIFS DE BRODERIE ET FIL DE BOBINE POUR METIER A BRODER

(71, 72) **KOMATSU, Teruaki** [JP/JP]; 890-12, Nakanocho, Gojo-shi, Nara 637-0082 (JP).

(74) **SHINODA, Minoru**; 4-A-829, Tsurunocho, Kita-ku, Osaka-shi, Osaka 530-0014 (JP).

(81) AU BG BR CA CN CU CZ HU ID IN KR MX NO NZ PL RO RU SG TR UA US VN YU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **D06C 23/00**

(11) **WO 00/71802** (13) A1

(21) PCT/US00/13993

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,379 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEMS AND METHODS FOR AIR EMBOSSING FABRICS UTILIZING IMPROVED AIR LANCES
• SYSTEMES ET PROCEDE DE GAUFRAGE DE TISSUS AU MOYEN DE LANCES A AIR AMELIOREES

(71) **MICROFIBRES, INC.** [US/US]; One Moshassuck Street, Pawtucket, RI 02862 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAIRD, William** [US/US]; 940 Quaker Lane, Warwick, RI 02818 (US). **MURPHY, George** [US/US]; 6 Charles River Dr., Franklin, MA 02038 (US).

(74) **WOLF, David**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **D06F 75/26**

(11) **WO 00/71803** (13) A1

(21) PCT/FR00/01391

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06554 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRIC IRON COMPRISING MEANS FOR ANALYSING THE REAL TEMPERATURE OF THE SOLEPLATE
• FER A REPASSER ELECTRIQUE COMPORTANT DES MOYENS DE MESURE DE LA TEMPERATURE REELLE DE LA SEMELLE

(71) **MOULINEX S.A.** [FR/FR]; 2, rue de l'Industrie, F-14123 Cormelles le Royal (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DESCHENES, Laurent** [FR/FR]; 3, rue du Grand Parloir, F-14280 St Germain la Blanche Herbe (FR). **MORIN, Dominique** [FR/FR]; 6, rue de l'Eglise, F-14370 Moult (FR).

(74) **BUSQUETS, Jean-Pierre**; 8, rue du Colonel Rémy, F-14052 Caen (FR).

(81) AU BR CN MX RU TR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **D06J 1/00, 1/04**

(11) **WO 00/71804** (13) A1

(21) PCT/US00/14286

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,548 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR FORMING A PERMANENT CREASE IN A CLOTH
• PROCEDE ET APPAREIL DE FORMATION DE PLI PERMANENT SUR UN VETEMENT

(71, 72) **IAMS, Paul, L.** [US/US]; R.D. #1, Box 52, Jefferson, PA 15344 (US).

(74) **POFF, Clifford, A.**; Koppers Building, Suite 2230, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D06M 15/273, 13/342, 13/192, 13/252, B01J 45/00, C02F 1/62**

(11) **WO 00/71805** (13) A1

(21) PCT/JP00/03245

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/145234 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METAL CHELATE-FORMING FIBER, PROCESS FOR PRODUCING THE SAME, METHOD OF TRAPPING METAL ION WITH THE FIBER, AND METAL CHELATE FIBER
• FIBRE POSSEDANT UN POUVOIR DE CHELATION, SON PROCEDE DE PRODUCTION, PROCEDE DE PIEGEAGE D'IONS METALLIQUES AVEC LA FIBRE ET FIBRE CHELATEE

(71) **CHUBU CHELEST CO., LTD.** [JP/JP]; 2-7-1102, Asahimachi 1-chome, Abeno-ku, Osaka-shi, Osaka 545-0051 (JP). **CHELEST CORPORATION** [JP/JP]; 2-7-1102, Asahimachi 1-chome, Abeno-ku, Osaka-shi, Osaka 545-0051 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAMBU, Nobuyoshi** [JP/JP]; Yokkaichi Works in Chubu Chelest Co., Ltd., 3-3, Hinagahigashi 3-chome, Yokkaichi-shi, Mie 510-0886 (JP). **ITO, Osamu** [JP/JP]; Yokkaichi Works in Chubu Chelest Co., Ltd., 3-3, Hinagahigashi 3-chome, Yokkaichi-shi, Mie 510-0886 (JP). **DOI, Takao** [JP/JP]; Yokkaichi Works in Chubu Chelest Co., Ltd., 3-3, Hinagahigashi 3-chome, Yokkaichi-shi, Mie 510-0886 (JP).

(74) **KOTANI, Etsuji** et al. / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **D06M 15/643, 13/463, C11D 3/37, 1/62, 17/00, 3/00**

(11) **WO 00/71806** (13) A1

(21) PCT/EP00/04223

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 9911942.2 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9914266.3 **18 Jun/juin 1999** GB **(18.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FABRIC SOFTENING COMPOSITIONS
• COMPOSITIONS ADOUCISSANTES

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
*(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai400 020, Maharashtra (IN).
*(only for / seulement pour IN)*

(72) **CLARKE, David, Ellis**; 48 Keswick Avenue, Bromborough, Wirral, Merseyside CH63 0NP (GB). **CREUTZ, Serge, Firmin, Alain**; Allee Beitlime 40, B-4000 Liege (BE). **HENUALT, Benoit**; 30 Rue De Long Chene, B-1970 Wezembeck-Oppem (BE). **SMALL, Samantha**; Lever Brothers Ltd, P.O. Box 69, Port Sunlight, Wirral, Merseyside CH62 4ZD (GB).

(74) **ELLIOTT, Peter, William**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D06M 15/643, 13/463, C11D 3/37, 1/62, 17/00, 3/00, 3/50**

(11) **WO 00/71807** (13) A1

(21) PCT/EP00/04224

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 9911942.2 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9914266.3 **18 Jun/juin 1999** GB **(18.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD OF STABILISING FABRIC SOFTENING COMPOSITIONS
• PROCEDE DE STABILISATION DE COMPOSITIONS ADOUCISSANTES

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
*(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).
*(only for / seulement pour IN)*

(72) **CLARKE, David, Ellis**; 48 Keswick Avenue, Bromborough, Wirral, Merseyside CH63 0NP (GB). **SMALL, Samantha**; Lever Brothers Ltd., P.O. Box 69, Port Sunlight, Wirral, Merseyside CH62 4ZD (GB).

(74) **ELLIOTT, Peter, William**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ

EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **D06M 16/00, D06P 3/60, 1/00, D06L 1/12**

(11) **WO 00/71808** (13) A1

(21) PCT/US00/14393

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,546 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SINGLE-BATH BIOSCOURING AND DYEING OF TEXTILES
• BIOLAVAGE ET TEINTURE DE TEXTILE EN BAIN UNIQUE

(71) **NOVO NORDISK BIOCHEM NORTH AMERICA, INC.** [US/US]; 77 Perry Chapel Church Road, Franklinton, NC 27525 (US).

(72) **LIU, Jiyin**; 9520 Candor Oaks Drive, Raleigh, NC 27615 (US). **CONDON, Brian**; 3209 Kingsbridge Court, Wake Forest, NC 27587 (US). **SHOWMAKER, Harry, Lee, III**; 3361 Wills Grove Lane #304, Raleigh, NC 27615 (US).

(74) **ZELSON, Steve** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **D07B 1/06, B60C 9/00**

(11) **WO 00/71809** (13) A1

(21) PCT/JP99/06739

(22) **1 Dec/déc 1999 (01.12.1999)**

(25) ja (26) ja

(30) 11/143234 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SINGLE WIRE STEEL CORD AND METHOD OF PRODUCING THE SAME
• CABLE D'ACIER UNIFILAIRE ET PROCEDE DE PRODUCTION DE CELUI-CI

(71) **TOKYO ROPE MFG. CO., LTD.** [JP/JP]; 3-14, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8306 (JP).

(72) **YAMAGAMI, Akio**; Tokyo Rope Mfg. Co., Ltd., 3-14, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8306 (JP). **NAKAYAMA, Makoto**; Tokyo Rope Mfg. Co., Ltd., 3-14, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8306 (JP). **SHIBATA, Ryouichi**; Tokyo Rope Mfg. Co., Ltd., 3-14, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8306 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR.

---

(51)[7] **D21B 1/02, B07B 4/02**

(11) **WO 00/71810** (13) A1

(21) PCT/EP99/03578

(22) **25 May/mai 1999 (25.05.1999)**

(25) de (26) de

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR SORTING PAPER MIXTURES
• PROCEDE ET DISPOSITIF DE TRI D'UN MELANGE DE PAPIERS

(71) **U.T.G. GESELLSCHAFT FÜR UMWELTTECHNIK GMBH** [DE/DE]; Lüpertzender Strasse 6, D-41061 Mönchengladbach (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BUCHHOLZ, Gerd** [DE/DE]; Distelweg 25, D-53757 St. Augustin (DE). **HÜSKENS, Jürgen** [DE/DE]; Vorsterstrasse 22, D-41748 Viersen (DE). **LENZEN, Clemens** [DE/DE]; Balbinastrasse 6, D-41749 Viersen (DE).

(81) AU BR CA CN CZ ID IN JP KR MX NO PL RU SK TR US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **D21F 3/02**

(11) **WO 00/71811** (13) A1

(21) PCT/FI00/00356

(22) **26 Apr/avr 2000 (26.04.2000)**

(25) fi (26) en

(30) 991154 **21 May/mai 1999** FI **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A LONG NIP PRESS
• PRESSE A LONGUE ZONE DE CONTACT

(71) **VALMET CHEMICAL PULPING OY** [FI/FI]; P.O. Box 34, FIN-28101 Pori (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOSKI, Ilpo** [FI/FI]; Soinintie 8, FIN-28370 Pori (FI).

(74) **OY JALO ANT-WUORINEN AB**; Runeberginkatu 5 AB, FIN-00100 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **D21F 3/02**

(11) **WO 00/71812** (13) A1

(21) PCT/SE00/00896

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 9901848-3 **21 May/mai 1999** SE **(21.05.1999)**

(30) 60/137,000 **1 Jun/juin 1999** US **(01.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRESS SECTION WITH WEB STABILIZING DEVICE
• SECTION DE PRESSE DOTÉE D'UN DISPOSITIF STABILISATEUR DE BANDE

(71) **VALMET-KARLSTAD AB** [SE/SE]; Box 1014, S-651 15 Karlstad (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HÅKANSON, Carl** [SE/SE]; Fridhemsgatan 6, S-654 61 Karlstad (SE). **LEANDERSSON, Per, Anders, Artur** [SE/SE]; Kvarnbergsgatan 6, S-652 29 Karlstad (SE). **SANDGREN, Börje** [SE/SE]; Herr Arnes Väg 11, S-653 46 Karlstad (SE).

(74) **LUNDQUIST, Lars-Olof**; L-O Lundquist Patentbyrå AB, Box 80, S-651 03 Karlstad (SE).

(81) BR CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **D21F 3/02**

(11) **WO 00/71813** (13) A1

(21) PCT/SE00/00918

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 9901849-1 **21 May/mai 1999** SE **(21.05.1999)**

(30) 60/138,041 **8 Jun/juin 1999** US **(08.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRESS SECTION WITH WEB STABILIZING DEVICE
• SECTION DE PRESSE DOTÉE D'UN DISPOSITIF STABILISATEUR DE BANDE

(71) **VALMET-KARLSTAD AB** [SE/SE]; Box 1014, S-651 15 Karlstad (SE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HELGESSON, Leif, Erik** [SE/SE]; Akkas väg 5, S-653 46 Karlstad (SE). **LEANDERSSON, Per, Anders, Artur** [SE/SE]; Kvarnbergsgatan 6, S-652 29 Karlstad (SE).

(74) **LUNDQUIST, Lars-Olof**; L-O Lundquist Patentbyrå AB, Box 80, S-651 03 Karlstad (SE).

(81) BR CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **D21F 7/00**

(11) **WO 00/71814** (13) A1

(21) PCT/FI00/00437

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 991171 **24 May/mai 1999** FI **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR CHANGING A TRANSFER BELT IN A PAPER OR BOARD MACHINE
• PROCEDE PERMETTANT DE CHANGER UNE COURROIE DE TRANSPORT EN UNE MACHINE A PAPIER OU A CARTON

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAAPOTTI, Jorma** [FI/FI]; Raponkuja 6, FIN-40270 Palokka (FI). **PIRINEN, Timo** [FI/FI]; Partasentie 4, FIN-40270 Palokka (FI). **PAJULA, Juhani** [FI/FI]; Keskussairaalantie 11 A 1, FIN-40600 Jyväskylä (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) BR CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **E01B 9/68**

(11) **WO 00/71815** (13) A1

(21) PCT/FR00/01344

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06391 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELASTOMER TIE PAD FOR THE SUPPORT OF A RAILWAY RAIL ON A SLEEPER
• SEMELLE EN ELASTOMERE POUR LE SUPPORT D'UN RAIL DE CHEMIN DE FER SUR UNE TRAVERSE

(71) **AVON SPENCER MOULTON** [FR/FR]; 21, rue de la Gare, F-45330 Malesherbes (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NOEL, Christian** [FR/FR]; 42, rue Montesquieu, F-56000 Vannes (FR).

(74) **BUSNEL, Jean-Benoît** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E01D 19/12**

(11) **WO 00/71816** (13) A1

(21) PCT/GB00/01923

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911940.6 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DECK
• TABLIER

(71) **EVANS, John, Elwyn** [GB/GB]; 21 Dartmouth Street, London SW1H 9BP (GB). **MACKENZIE, David, Kenneth** [GB/GB]; 21 Dartmouth Street, London SW1H 9BP (GB). **WILKINSON EYRE ARCHITECTS LIMITED** [GB/GB]; Transworld House, 100 City Road, London EC1Y 2BP (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **FIRTH, Ian, Peter, Thomas** [GB/GB]; 9 Ritherdon Road, London SW17 8QE (GB).

(72, 75) **EYRE, James, Henry, Robert** [GB/GB]; 22 Elsworthy Road, London NW3 3DL (GB).

(74) **WALTHER WOLFF & CO.**; 6 Buckingham Gate, London SW1E 6JP (GB).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **E01F 9/00, B61L 29/24**

(11) **WO 00/71817** (13) A1

(21) PCT/SE99/00857

(22) **20 May/mai 1999 (20.05.1999)**

(25) sv (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRAFFIC SIGN DEVICE
• DISPOSITIF PANNEAU DE SIGNALISATION

(71, 72) **EKLUND, Börje** [SE/SE]; Wedtorpsvägen 56, S-184 34 Åkersberga (SE). **PERSSON, Hans-Erik** [SE/SE]; S. Åbyggebyvägen 25, S-805 98 Gävle (SE).

(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E01F 9/017**

(11) **WO 00/71818** (13) A1

(21) PCT/SE00/01057

(22) **25 May/mai 2000 (25.05.2000)**

(25) sv (26) en

(30) 9901897-0 **25 May/mai 1999** SE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STRUCTURAL DEVICE
• DISPOSITIF STRUCTUREL

(71, 72) **EKLUND, Börje** [SE/SE]; Wedtorpsvägen 56, S-184 34 Åkersberga (SE). **PERSSON, Hans-Erik** [SE/SE]; S. Åbyggebyvägen 25, S-805 98 Gävle (SE).

(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, Box 1274, S-801 37 Gävle (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E01F 09/00**

(11) **WO 00/71819** (13) A1

(21) PCT/US00/13807

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/317,246 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FOLDABLE ROAD MARKER
• BORNE DE SIGNALISATION ROUTIERE PLIABLE

(63) US 09/317,246 (CON) 24 May/mai 1999 (24.05.1999)

(71) **COGENT ENTERPRISES, INC.** [US/US]; 3869 Mound Road, Suite 600, Sterling Heights, MI 48310 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SALLOUM, James, Sinclair** [US/US]; 1028 Bonita Drive, Pensacola, FL 32507 (US). **WHITE, Wilburn, Alden** [US/US]; 2695 Beacon Hill, Apt. 311, Auburn Hills, MI 48326 (US). **NELSON, John, Quinn** [US/US]; 13029 Sidonie Street, Warren, MI 48089 (US). **WHITE, David, Alden** [US/US]; 1292 Hampton Road, Grosse Pointe, MI 48236 (US). **SMITH, Edward, Cullin** [US/US]; 33071 Karin Drive, Apt. 10, Sterling Heights, MI 48310 (US).

(74) **CANTOR, Bernard, J.**; Harness Dickey & Pierce, P.L.C., 5445 Corporate Drive, Suite 400, Troy, MI 48083 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E01F 15/04**

(11) **WO 00/71820** (13) A1

(21) PCT/FR00/01363

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06678 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SAFETY WOODEN BARRIER SUPPORTED ON VARIABLE CENTRE-LINES
• GLISSIERE DE SECURITE BOIS SUR APPUIS A ENTRAXES VARIABLES

(71) **GAILLARD RONDINO** [FR/FR]; Rue de l'Industrie, F-42603 Montbrison (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **GALLIEN, Marlène** [FR/FR]; Domaine de Lirette, Route de Saint Pons, F-34500 Béziers (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PAPINESCHI, Thierry** [FR/FR]; 17, rue M. Bugeaud, F-34500 Béziers (FR).

(74) **NOVAMARK TECHNOLOGIES**; 122, Rue Edouard Vaillant, F-92593 Levallois Perret Cedex (FR).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **E01F 15/08, 15/04**

(11) **WO 00/71821** (13) A1

(21) PCT/AT00/00056

(22) **6 Mar/mar 2000 (06.03.2000)**

(25) de (26) de

(30) A 902/99 **20 May/mai 1999** AT **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BARRIER ELEMENT
• ELEMENT DE PAROI

(71) **MABA FERTIGTEILINDUSTRIE GMBH** [AT/AT]; Feuerwerksanstalt, A-2752 Wöllersdorf (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REDLBERGER, Alfred** [AT/AT]; Scheib 40, A-3631 Ottenschlag (AT).

(74) **GIBLER, Ferdinand**; Dorotheergasse 7, A-1010 Wien (AT).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E02F 5/10**

(11) **WO 00/71822** (13) A1

(21) PCT/GB00/01799

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911819.2 **21 May/mai 1999** GB **(21.05.1999)**

(30) 9920131.1 **26 Aug/août 1999** GB **(26.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBMARINE PLOUGH
• CHARRUE SOUS-MARINE

(71) **SOIL MACHINE DYNAMICS LIMITED** [GB/GB]; Wincomblee Road, Newcastle Upon Tyne NE6 3QS (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REECE, Alan, Richard** [GB/GB]; Woodside, The Crescent, Wylam, Northumberland NE41 8HU (GB).

(74) **VINSOME, Rex, Martin**; Urquhart-Dykes & Lord, St. Nicholas Chambers, Amen Corner, Newcastle Upon Tyne NE1 1PE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E04B 1/32**

(11) **WO 00/71823** (13) A1

(21) PCT/ES99/00150

(22) **24 May/mai 1999 (24.05.1999)**

(25) es (26) es

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLEXIBLE BRICK PLATE AND BUILDING METHOD USING SAID CURVED ROOFING PANELS
• PANNEAU FLEXIBLE DE TUILES ET PROCEDE DE CONSTRUCTION DE COUVERTURES EN FORME DE VOUTE FAISANT APPEL A CE PANNEAU

(71) **ASOCIACION ESPAÑOLA DE FABRICANTES DE LADRILLOS Y TEJAS DE ARCILLA COCIDA, HISPALYT.** [ES/ES]; Calle Orense, 10 2º, E-28020 Madrid (ES).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SARRABLO MORENO, Vicente** [ES/ES]; Calle Santa Coloma, 76, S.At. 1ª Esc. B., E-08030 Barcelona (ES).

(74) **MANRESA VAL, Manuel**; Calle Girona, 34, E-08010 Barcelona (ES).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **E04B 1/344, 1/35**

(11) **WO 00/71824** (13) A1

(21) PCT/GB99/01616

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • KIT OF STRUCTURAL BUILDING PARTS
• KIT D'ELEMENTS STRUCTURELS DE CONSTRUCTION

(71) **WOODCRAFT, David, Charles** [GB/GB]; High Holborn House, 52/54 High Holborn, London WC1V 6SE (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **FRANZ, Viktor-Martin** [DE/DE]; Rheinvorlandstrasse 10, D-68159 Mannheim (DE).

(74) **WOODCRAFT, David, Charles**; Brookes & Martin, High Holborn House, 52/54 High Holborn, London WC1V 6SE (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E04B 1/348, 1/34**

(11) **WO 00/71825** (13) A1

(21) PCT/GB00/01892

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911946.3 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVEMENTS IN OR RELATING TO BUILDING STRUCTURES
• AMELIORATIONS DE STRUCTURES DE CONSTRUCTIONS OU AMELIORATIONS RELATIVES A CELLES-CI

(71, 72) **BEIGHTON, Ashley, Thomas** [GB/GB]; Windsor Cottage, High Street, Deddington, Banbury OX15 0SL (GB).

(74) **HOARTON, L., D., C.**; Forrester Ketley & Co., Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **E04B 1/80**

(11) **WO 00/71826** (13) A1

(21) PCT/EP00/04471

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 23 057.9 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HEAT INSULATING PANEL FOR WINDOWS, DOORS AND FAÇADES
• PANNEAU THERMO-ISOLANT POUR FENETRES, PORTES ET FAÇADES

(71) **SCHÜCO INTERNATIONAL KG** [DE/DE]; Karolinenstrasse 1-15, D-33609 Bielefeld (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BIELEFELD, Hans-Walter** [DE/DE]; Am Dreierfeld 3, D-33719 Bielefeld (DE). **KORDISCH, Thomas** [DE/DE]; Am Pfarrholz 11, D-33739 Bielefeld (DE).

(74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, D-33613 Bielefeld (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **E04B 2/58, 2/78**

(11) **WO 00/71827** (13) A1

(21) PCT/AU00/00500

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) PQ 0521 **21 May/mai 1999** AU **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STRUCTURAL MEMBERS AND JOINING ARRANGEMENTS THEREFOR
• ELEMENTS STRUCTURELS ET SYSTEMES DE JONCTION DE CES DERNIERS

(71) **WILTIN PTY. LTD.** [AU/AU]; 19 Lincorn Close, Cambewarra, NSW 2541 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ANDREWS, William** [AU/AU]; 19 Lincorn Close, Cambewarra, NSW 2541 (AU).

(74) **WALSH, John, Richard**; Walsh & Associates, Level 67 MLC Centre, Martin Place, Sydney (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E04B 2/84, 2/86**

(11) **WO 00/71828** (13) A1

(21) PCT/IB00/00674

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) VI99A000106 **24 May/mai 1999** IT **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MODULAR COMPONENT FOR THE PRODUCTION OF BUILDING STRUCTURES WITH UNIFORM INSULATING PROPERTIES
• COMPOSANT MODULAIRE POUR LA PRODUCTION DE STRUCTURES DE BATIMENT AUX PROPRIETES D'ISOLATION UNIFORMES

(71, 72) **VELO, Angelo** [IT/IT]; Via dei Limoni, 6, I-35013 Cittadella (IT).

(74) **MAROSCIA, Antonio**; Maroscia & Associati S.r.l., Corso Palladio, 42, I-36100 Vicenza (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E04C 2/38**

(11) **WO 00/71829** (13) A1

(21) PCT/US00/14576

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,716 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/547,150 **11 Apr/avr 2000** US **(11.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRIM FOR HIGH PRESSURE LAMINATE AND OTHER DECORATIVE FLOOR COVERINGS
• FINITION POUR STRATIFIE HAUTE PRESSION ET POUR D'AUTRES REVETEMENTS DE SOL DECORATIFS

(71) **INTERFACE, INC.** [US/US]; 2859 Paces Ferry Road, Suite 2000, Atlanta, GA 30339 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VOTOLATO, Frank, J.** [US/US]; 1120 Thompson Avenue, Severn, MD 21144 (US). **SAINATO, Victor, A., Sr.** [US/US]; 1844 Chesapeake Road, Pasadena, MD 21122 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **E04C 3/00**

(11) **WO 00/71830** (13) A1

(21) PCT/US00/09822

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,830 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/404,579 **24 Sep/sep 1999** US **(24.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REINFORCED POLE WITH APPARATUS AND METHOD FOR ANCHORING
• POTELET RENFORCE EQUIPE D'UN APPAREIL ET PROCEDE D'ANCRAGE

(71, 72) **NATELLI, Anthony, Mario, Jr.** [US/US]; Noex Company, L.L.C., 20301 Martinsburg Road, Dickerson, MD 20842 (US).

(74) **SWIFT, Stephen, Christopher**; Swift Law Office, Three Crystal Park, Suite 500, 2231 Crystal Drive, Arlington, VA 22202-3736 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **E04C 3/04**

(11) **WO 00/71831** (13) A1

(21) PCT/FI00/00464

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) U990238 **24 May/mai 1999** FI **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HOLLOW-CORE SLAB BEARER
• SUPPORT POUR DALLE A NOYAU CREUX

(71) **TERÄSPEIKKO OY** [FI/FI]; Vipusenkatu 20, FIN-15230 Lahti (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TUOMINEN, Kari** [FI/FI]; Pallaskatu 10 A 3, FIN-15900 Lahti (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E04C 3/10**

(11) **WO 00/71832** (13) A1

(21) PCT/US99/27787

(22) **23 Nov/nov 1999 (23.11.1999)**

(25) en (26) en

(30) 09/317,342 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TENDON ALIGNMENT ASSEMBLY AND METHOD FOR EXTERNALLY REINFORCING A LOAD BEARING BEAM
• ENSEMBLE ALIGNEMENT D'ELEMENTS DE PRECONTRAINTE ET PROCEDE DE RENFORCEMENT EXTERIEUR DES POUTRES PORTEUSES

(71) **HUBBELL, ROTH & CLARK, INC.** [US/US]; 555 Hulet Drive, P.O. Box 824, Bloomfield Hills, MI 48303-0824 (US).

(72) **NACEY, Richard, B.**; 21223 Hunt Club, Harper Woods, MI 48225 (US). **ADAMS, Eldon, E.**; 4875 Clinton Way Drive, Waterford, MI 48328 (US).

(74) **ABBATT, William, G.** et al. / etc.; Brooks & Kushman, 1000 Town Center, 22nd floor, Southfield, MI 48075 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **E04C 3/30**

(11) **WO 00/71833** (13) A1

(21) PCT/US00/13125

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/316,773 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ROUND CLADDING SYSTEM
• SYSTEME D'HABILLAGE ARRONDI

(71) **MARKETING DISPLAYS, INC.** [US/US]; 38271 W. Twelve Mile Road, Farmington Hills, MI 48331-3041 (US).

(72) **GREWE, Ronald, E.**; 22437 Cranbrook Drive, Novi, MI 48375 (US). **HILLSTROM, Brian, J.**; 894 Panorama, Milford, MI 48381 (US). **ADAMS, Matthew**; 39795 Villagewood #14, Novi, MI 48376 (US).

(74) **ARTZ, John, A.** et al. / etc.; Artz & Artz, P.C., Suite 250, 28333 Telegraph Road, Southfield, MI 48034 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(b)*

---

(51)[7] **E04D 5/00**

(11) **WO 00/71834** (13) A2

(21) PCT/US00/14487

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,049 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METAL ROOFING SHINGLE STOCK AND METHOD FOR MAKING IT
• CHARGE DE BARDEAUX METALLIQUES DE COUVERTURE ET PROCEDE DE FABRICATION ASSOCIE

(71) **BASF CORPORATION** [US/US]; Sabourin, Anne, Gerry, Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALLMAN, Jack** [US/US]; 1500 Dietrick Drive, Twin Lakes, WI 53181 (US). **LEWARCHIK, Ronald** [US/US]; 706 Pimlico Parkway, Sleepy Hollow, IL 60118 (US). **SCARICAMAZZA, Victor** [US/US]; 2 North Deer Place, Mount Holly, NJ 08060 (US).

(74) **SABOURIN, Anne, Gerry** et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E04D 13/08, F16L 45/00**

(11) **WO 00/71835** (13) A1

(21) PCT/GB00/01961

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911716.0 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ACCESS COVER
• COUVERTURE D'ACCES

(71) **GEBERIT LIMITED** [GB/GB]; Aylesford, Kent ME20 7PJ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CAPON, Nigel** [GB/GB]; 27 Eddington Close, Loose, Maidstone, Kent ME15 9XG (GB).

(74) **CHRISTOPHERS, Rachel, Alder**; Sommerville & Rushton, 45 Grosvenor Road, St. Albans, Hertfordshire AL1 3AW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **E04G 1/15**

(11) **WO 00/71836** (13) A1

(21) PCT/GB00/02025

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912028.9 **25 May/mai 1999** GB **(25.05.1999)**

(30) 0006071.5 **15 Mar/mar 2000** GB **(15.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVEMENTS RELATING TO BUILDERS' SCAFFOLDING
• AMELIORATIONS APPORTEES AUX ECHAFAUDAGES DE CONSTRUCTEURS DE BATIMENTS

(71) **KWIKFORM UK LIMITED** [GB/GB]; 192 Waterloo Road, Hay Mills, Birmingham B25 8LE (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HORLEY, David, Gerald** [GB/GB]; 90 Green Meadow Road, Selly Oak, Birmingham B29 4DR (GB).

(74) **FORRESTER KETLEY & CO.**; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E04H 1/00, H02G 3/22**

(11) **WO 00/71837** (13) A1

(21) PCT/RU00/00199

(22) **24 May/mai 2000 (24.05.2000)**

(25) ru (26) ru

(30) 99111016 **24 May/mai 1999** RU **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIFUNCTIONAL CABLE SYSTEM FOR A BUILDING, METHOD FOR CREATING SUCH A SYSTEM FOR A BUILDING UNDER CONSTRUCTION OR RESTORATION AND METHOD FOR INCREASING THE EXPLOITATION DURATION AND RELIABILITY OF SAID SYSTEM
• SYSTEME DE CABLES MULTIFONCTIONNEL POUR BATIMENTS, PROCEDE DE CREATION DE CE SYSTEME POUR LES BATIMENTS EN COURS DE CONSTRUCTION OU DE RESTAURATION ET PROCEDE PERMETTANT D'ACCROITRE LA DUREE ET LA FIABILITE D'EXPLOITATION DE CE SYSTEME

(71, 72) **GINZBURG, Vitaly Veniaminovich** [RU/RU]; Peschany Pereulok, 10-1-70, Moscow, 125252 (RU).

(74) **ZAKRYTOE AKTSIONERNOE OBSHCHESTVO AGENTSTVO PO PATENTAM I INFORMATSII "VASHA INTELLEKTUALNAYA SOBVENNOST" MOSKOVSKOI TORGOVO-PROMYSHLENNOI PALATY**; Osenny Bulvar, 11 Otdelenie Svyazi 609, VIS, Moscow, 121609 (RU).

(81) AU CA CN IL JP KR US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **E04H 3/12**

(11) **WO 00/71838** (13) A1

(21) PCT/FI00/00465

(22) **23 May/mai 2000 (23.05.2000)**

(25) fi (26) en

(30) U990240 **25 May/mai 1999** FI **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SHELTER
• ABRI

(71) **FINNFOREST OYJ** [FI/FI]; Revontulentie 8 C, FIN-02100 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAWAST, Ismo** [FI/FI]; Taivaanvuohentie 4 B, FIN-01450 Vantaa (FI). **HAKONIEMI, Teppo** [FI/FI]; Halvantie 92, FIN-66440 Tervajoki (FI).

(74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E04H 4/10, 4/08**

(11) **WO 00/71839** (13) A1

(21) PCT/FR00/01334

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06686 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COVERING DEVICE CAPABLE OF ACCORDION FOLDING
• DISPOSITIF DE COUVERTURE PLIABLE EN ACCORDEON

(71, 72) **ISER, André** [FR/FR]; 20, chemin des Brayes, F-57160 Scy-Chazelles (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **E04H 9/02, E04B 1/98**

(11) **WO 00/71840** (13) A1

(21) PCT/JP99/02614

(22) **19 May/mai 1999 (19.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIBRATION CONTROL MEMBER FORMED INTEGRALLY WITH ELASTO-PLASTIC AND VISCOELASTIC DAMPER
• ELEMENT ANTIVIBRATIONS INTEGRALEMENT CONSTITUE D'AMORTISSEUR ELASTOPLASTIQUE ET VISCOPLASTIQUE

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

(72) **SAEKI, Eiichiro**; Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). **WATANABE, Atsushi**; Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). **SUZUKI, Kazuaki**; Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki, Ishida & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN SG.

---

(51)[7] **E05B 13/00, E05C 1/16**

(11) **WO 00/71841** (13) A1

(21) PCT/GB00/01920

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911593.3 **19 May/mai 1999** GB **(19.05.1999)**

(30) 0006157.2 **14 Mar/mar 2000** GB **(14.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DOOR LOCKING DEVICE
• DISPOSITIF DE BLOCAGE DE PORTE

(71, 72) **HEELEY, Peter** [GB/GB]; Llety Dafydd, Meifod, Powys SY22 6HL (GB). **JONES, Philip, David** [GB/GB]; 9 Porthill Gardens, Shrewsbury, Shrophsire SY3 9SH (GB).

(74) **WARREN, Keith, Stanley** et al. / etc.; Baron & Warren, 18 South End, Kensington, London W8 5BU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ

CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E05B 49/00, B60R 25/00**

(11) **WO 00/71842** (13) A1

(21) PCT/DE00/01560

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 22 980.5 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR LOCKING A MOTOR VEHICLE IN A KEYLESS MANNER
• PROCEDE POUR VERROUILLER SANS CLE UN VEHICULE AUTOMOBILE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GIEHLER, Elmar** [DE/DE]; Bei den Gaerten 18, D-70499 Stuttgart (DE). **WACH, Achim** [DE/DE]; Traminerweg 1, D-71706 Markgroeningen (DE). **KAISER, Karl-Heinz** [DE/DE]; Uracher Weg 12, D-71732 Tamm (DE).

(81) AU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **E05B 49/00**

(11) **WO 00/71843** (13) A2

(21) PCT/DE00/01639

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 983.5 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND ARRAY FOR REMOTE ACCESS CONTROL
• PROCEDE ET SYSTEME POUR LA COMMANDE D'ACCES A DISTANCE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHNEIDER, Christian** [DE/DE]; Schillerstr. 25 A, D-93138 Lappersdorf (DE). **REISINGER, Thomas** [DE/DE]; Adalbert-Stifter-Str. 3, D-93051 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **E05B 65/46**

(11) **WO 00/71844** (13) A1

(21) PCT/US00/14237

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,922 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPARTMENT WITH DRAWERS AND STRUCTURE FOR ALLOWING ONLY ONE DRAWER TO BE OUTSIDE COMPARTMENT AT A TIME
• COMPARTIMENT AVEC LES TIROIRS ET LA STRUCTURE POUR PERMETTRE A UN SEUL TIROIR A LA FOIS DE SE TROUVER HORS DU COMPARTIMENT

(71) **SNAP-ON TOOLS COMPANY** [US/US]; 2801-80th Street, Kenosha, WI 53141-1410 (US).

(72) **SLIVON, George, R.**; 1271-93rd Avenue, Kenosha, WI 53144 (US).

(74) **STOTLAND, Harold, V.**; Seyfarth, Shaw, Fairweather & Geraldson, 55 East Monroe Street - 42nd Floor, Chicago, IL 60603-5803 (US).

(81) 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.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **E05C 9/00**

(11) **WO 00/71845** (13) A1

(21) PCT/EP00/04488

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 312.8 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOCK BAR MOUNTING FOR A WINDOW OR DOOR
• GARNITURE DE BARRE DE VERROUILLAGE POUR FENETRE OU PORTE

(71) **SCHÜCO INTERNATIONAL KG** [DE/DE]; Karolinenstrasse 1-15, D-33609 Bielefeld (DE).

(72) **OESTERMANN, Markus**; Rohrlandweg 14, D-48324 Albersloh (DE).

(74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, D-33613 Bielefeld (DE).

(81) CZ EE LT LV PL SK.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **E05D 3/06, 11/10**

(11) **WO 00/71846** (13) A1

(21) PCT/IT00/00208

(22) **22 May/mai 2000 (22.05.2000)**

(25) it (26) en

(30) BO99A000281 **24 May/mai 1999** IT **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ARTICULATED WIDE-ANGLE HINGE FOR DOORS AND THE LIKE
• CHARNIERE D'ARTICULATION A GRAND ANGLE POUR PORTES OU DISPOSITIFS IDENTIQUES

(71) **TECNOLOGIA S.A.S. DI VALENTINO BRAZZALE & C.** [IT/IT]; Via Trenti, 37, I-36010 Cogollo del Cengio (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **APOLLONI, Giambattista** [IT/IT]; Via Trenti, 35, I-36010 Cogollo del Cengio (IT). **BRUN, Giancarlo** [IT/IT]; Via Nazario Sauro, 19, I-36010 Thiene (IT).

(74) **PROVVISIONATO, Paolo**; Provvisionato & Co. S.r.l., Piazza di Porta Mascarella, 7, I-40126 Bologna (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **E05F 11/24**

(11) **WO 00/71847** (13) A1

(21) PCT/US00/14076

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/318,066 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTROLLED DOOR OPERATOR
• DISPOSITIF DE FERMETURE DE PORTE COMMANDE

(71, 72) **HEBDA, Thomas, J.** [US/US]; 539 S. Park Road, Lombard, IL 60148 (US).

(74) **MARSH, Robert, L.**; 54 Danada Drive, Wheaton, IL 60187 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **E05G 7/00, 1/06**

(11) **WO 00/71848** (13) A1

(21) PCT/GB00/01908

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911705.3 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SAFE
• COFFRE-FORT

(71) **AIR TUBE CONVEYORS LIMITED** [GB/GB]; Unit 5, Hartlebury Trading Estate, Hartlebury, Kidderminster, Worcs DY10 4JB (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HENDERSON, Fraser, Chrisfield** [GB/GB]; 147 Dorridge Road, Dorridge, West Midlands W93 8BN (GB). **CLIFFORD, Norman** [GB/GB]; 18 Taryn Drive, Primrose Gardens, Darlaston, West Midlands WS10 8XY (GB).

(74) **CARPENTER, David** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E06B 3/263, F16L 59/065, E04B 2/96**

(11) **WO 00/71849** (13) A1

(21) PCT/EP00/04477

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 23 560.0 **21 May/mai 1999** DE **(21.05.1999)**

(30) 199 47 601.2 **4 Oct/oct 1999** DE **(04.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROFILE CONFIGURATION FOR INTERRUPTING A HEAT CONDUCTING BRIDGE BETWEEN AN INNER SIDE AND AN OUTER SIDE
• AGENCEMENT DE PROFILES POUR L'INTERRUPTION D'UN PONT THERMOCONDUCTEUR ENTRE UN COTE INTERIEUR ET UN COTE EXTERIEUR

(71) **WOSCHKO, Gabriele** [DE/DE]; Michael-Beheim-Str. 45, D-74182 Sülzbach (DE). **WOSCHKO, Gudrun** [DE/DE]; Am Wohlfahrtsberg 8, D-74245 Löwenstein (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WOSCHKO, Manfred** [DE/DE]; Am Wohlfahrtsberg 8, D-74245 Löwenstein (DE). **WOSCHKO, Donat** [DE/DE]; Heerweg 7, D-74182 Obersulm (DE).

(74) **MELZER, Wolfgang**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E06C 1/39, E04G 1/15, 1/28**

(11) **WO 00/71850** (13) A1

(21) PCT/DE00/01486

(22) **4 May/mai 2000 (04.05.2000)**

(25) de (26) de

(30) 199 23 765.4 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LADDER COMPRISING A FLOORBOARD
• ECHELLE A PASSERELLE

(71, 72) **LAUG, Horst** [DE/DE]; Haselünner Strasse 73, 49809 Lingen (DE).

(74) **BOEHMERT & BOEHMERT**; Schirmer, Siegfried, Osningstrasse 10, 33605 Bielefeld (DE).

(81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR MG MK MN MX NO NZ PL SG SK SL TR TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **E21B 23/08, 33/068**

(11) **WO 00/71851** (13) A1

(21) PCT/CA00/00579

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/134,838 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF AND APPARATUS FOR INSERTING TUBING INTO A WELL BORE
• PROCEDE ET APPAREIL DESTINES A INSERER UN TUBAGE DANS UN TROU DE FORAGE

(71, 72) **FUNK, Kelly** [CA/CA]; 301 Mount Royal Place, Nanaimo, British Columbia V9R 6A4 (CA).

(74) **LONG, Brian**; Long and Cameron, Suite 920, 1100 Melville Street, Vancouver, British Columbia V6E 4A6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F01B 1/06**

(11) **WO 00/71852** (13) A1

(21) PCT/US00/10876

(22) **21 Apr/avr 2000 (21.04.2000)**

(25) en (26) en

(30) 09/316,649 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PISTON MACHINE
• MACHINE A PISTONS

(71) **WESTMAN INC.** [US/US]; c/o Fasth Law Offices, 5255 Camelot Forest Drive, Jacksonville, FL 32258-2516 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **WESTMAN, Lars, Gunnar** [SE/SE]; Tallstigen 20, S-915 32 Robertsfors (SE).

(74) **FASTH, Rolf**; Fasth Law Offices, 5255 Camelot Forest Drive, Jacksonville, FL 32258-2516 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F01C 1/10**

(11) **WO 00/71853** (13) A1

(21) PCT/US00/14154

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,587 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDRAULIC MOTOR WITH PRESSURE COMPENSATING MANIFOLD
• MOTEUR HYDRAULIQUE A COLLECTEUR DE STABILISATION DE PRESSION

(71) **WHITE HYDRAULICS, INC.** [US/US]; 110 Bill Bryan Boulevard, Hopkinsville, KY 42240 (US).

(72) **WHITE, Jeffrey, Neil**; 2608 South Virginia Street, Hopkinsville, KY 42240 (US).

(74) **LIGHTBODY, William, S.**; Lightbody Law Office, Atrium Suite 100, 32600 Fairmount Boulevard, Cleveland, OH 44124 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

---

(51)[7] **F01D 5/08**

(11) **WO 00/71854** (13) A1

(21) PCT/CA00/00571

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,957 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CAST ON-BOARD INJECTION NOZZLE WITH ADJUSTABLE FLOW AREA
• TUYERE A INJECTION MOULEE EMBARQUEE A ZONE DE FLUX REGLABLE

(71) **PRATT & WHITNEY CANADA CORP.** [CA/CA]; Jeffrey W. Astle, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(72) **GLASSPOOLE, David, F.**; 184 Irvine Ave., St. Lambert, Québec J4R 1W8 (CA). **SCHRAENEN, Yvan**; 278 Place Guilmain, Mont St. Hilaire, Québec J3H 3P7 (CA).

(74) **ASTLE, Jeffrey, W.**; Pratt & Whitney Canada Corp., Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(81) CA JP RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F01D 5/18**

(11) **WO 00/71855** (13) A1

(21) PCT/CA00/00572

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/314,292 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR CONTROLLING AIR FLOW IN A TURBINE BLADE
• DISPOSITIF PERMETTANT DE COMMANDER LE FLUX D'AIR DANS UNE AUBE DE TURBINE

(71) **PRATT & WHITNEY CANADA CORP.** [CA/CA]; c/o Jeffrey W. Astle, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(72) **CHEVREFILS, Andre**; 573 D'Youville, Chateauguay, Québec J6J 5W6 (CA). **GRIGORE, Daniel, G.**; 120 Stockwell, Pointe Claire, Québec H9R 5W8 (CA).

(74) **ASTLE, Jeffrey, W.**; Pratt & Whitney Canada Corp., Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(81) CA CZ JP PL RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F01D 11/00, 11/04, E04H 12/08**

(11) **WO 00/71856** (13) A1

(21) PCT/EP00/04527

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 165.6 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REINFORCEMENT RING FOR THE TOWER OF AN WIND ENERGY FACILITY
• ANNEAU DE RENFORCEMENT POUR LA TOUR D'UNE CENTRALE EOLIENNE

(71, 72) **WOBBEN, Aloys** [DE/DE]; Argestrasse 19, D-26607 Aurich (DE).

(74) **GÖKEN, Klaus, G.**; Eisenführ, Speiser & Partner, Martinistrasse 24, D-28195 Bremen (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F01D 17/00**

(11) **WO 00/71857** (13) A1

(21) PCT/UA99/00019

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 99052833 **21 May/mai 1999** UA **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR INCREASING POWER GENERATED BY A STEAM TURBINE BY CONTROLLING THE ELECTRIC CHARGE IN STEAM EXITING THE STEAM TURBINE
• PROCEDE ET DISPOSITIF PERMETTANT D'ACCROITRE LA PUISSANCE FOURNIE PAR UNE TURBINE A VAPEUR GRACE AU REGLAGE DE LA CHARGE ELECTRIQUE DANS LA VAPEUR EN SORTIE DE TURBINE

(71, 72) **TARELIN, Anatoly O.** [UA/UA]; ul. Komandarma Uberovycha, 50-6, Kharkiv 129 (UA). **SKLIAROV, Volodymyr P.** [UA/UA]; ul. Korolenko, 4, Yuzhny-2, Kharkiv Oblast (UA).

(74) **MARTCHENKO, E. Vitaly**; ul. Miljutenko 44-178, Kiev, 02166 (UA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F01L**

(11) **WO 00/71858** (13) A2

(21) PCT/NZ00/00080

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 335902 **20 May/mai 1999** NZ **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ROTARY VALVE SYSTEMS
• SYSTEMES A SOUPAPES ROTATIVES

(71, 72) **GRIMWOOD, John, Francis** [NZ/NZ]; 344 Parsons Road, 5 DRD, Oamaru 8921 (NZ).

(74) **VERBOEKET, Peter, Charles, Robert** et al. / etc.; P.O. Box 10932, Wellington 6036 (NZ).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **F01L 5/04, 1/00, F02G 1/053, F02B 23/00, 25/00, F16K 1/00, F04B 39/10**

(11) **WO 00/71859** (13) A1

(21) PCT/JP99/02735

(22) **24 May/mai 1999 (24.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VALVE DEVICE OF ENGINE
• DISPOSITIF A SOUPAPE D'UN MOTEUR

(71, 72) **ICHIKAWA, Masaharu** [JP/JP]; 44-11, Matsubara 1-chome, Setagaya-ku, Tokyo 156-0043 (JP).

(74) **MINE, Tadao**; KF-Building, 7F, 5-19, Takadanobaba 1-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) AU BR CA CN CZ HU ID IL IN JP KR MX PL RO RU TR US VN.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(b)*

---

(51)[7] **F01L 9/04, F02P 3/02**

(11) **WO 00/71860** (13) A1

(21) PCT/EP00/04110

(22) **8 May/mai 2000 (08.05.2000)**

(25) de (26) de

(30) 199 23 902.9 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERNAL COMBUSTION ENGINE

• MOTEUR A COMBUSTION INTERNE

(71, 72) **LEIBER, Heinz** [DE/DE]; Theodor-Heuss-Strasse 34, D-71739 Oberriexingen (DE).

(74) **LENZING, Andreas**; Münsterstr. 248, D-40470 Düsseldorf (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F01L 9/04**

(11) **WO 00/71861** (13) A1

(21) PCT/EP00/04463

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 970.8 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR CONTROLLING AN ELECTROMAGNETIC VALVE DRIVE MECHANISM FOR A GAS EXCHANGE VALVE IN AN INTERNAL COMBUSTION PISTON ENGINE

• PROCEDE DE COMMANDE D'UN MECANISME DE DISTRIBUTION ELECTROMAGNETIQUE POUR SOUPAPE A GAZ A DEUX VOIES DANS UN MOTEUR A COMBUSTION INTERNE A PISTON

(71) **FEV MOTORENTECHNIK GMBH** [DE/DE]; Neuenhofstr. 181, D-52078 Aachen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHMITZ, Günter** [DE/DE]; Veneterstr. 23, D-52074 Aachen (DE). **BOIE, Christian** [DE/DE]; Goethestr. 25, D-52064 Aachen (DE). **VAN DER STAAY, Frank** [DE/DE]; An der Landwehr 18, D-52146 Würselen (DE). **KATHER, Lutz** [DE/DE]; Heidestr. 89, D-52146 Würselen (DE).

(74) **LANGMAACK, Jürgen** et al. / etc.; Postfach 51 08 06, D-50944 Köln (DE).

(81) DE JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F01M 13/04**

(11) **WO 00/71862** (13) A1

(21) PCT/EP00/04144

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 23 093.5 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEPARATOR FOR LIQUID, IN PARTICULAR FOR THE PURIFICATION OF CRANKCASE GASES, COMPRISING A SEPARATING CARTRIDGE

• SEPARATEUR DE LIQUIDE, EN PARTICULIER POUR L'EPURATION DU GAZ DE CARTER DE VILEBREQUIN, DOTE D'UNE CARTOUCHE DE SEPARATION

(71) **FILTERWERK MANN+HUMMEL GMBH** [DE/DE]; D-71631 Ludwigsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ERNST, Volker** [DE/DE]; Oststr. 2, D-74343 Sachsenheim (DE). **JAWUREK, Heinz** [DE/DE]; Pfarrsteige 4, D-74861 Neudenau (DE). **JAINEK, Herbert** [DE/DE]; Eberhard-Gmelin-Strasse 4, D-74074 Heilbronn (DE).

(74) **VOTH, Gerhard**; Filterwerk Mann+Hummel GmbH, D-71631 Ludwigsburg (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F01N 3/027, H05B 3/10**

(11) **WO 00/71863** (13) A1

(21) PCT/EP00/04539

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 228.8 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HEATING ELEMENT FOR HEATING FLOWING GASES

• ELEMENT CHAUFFANT POUR CHAUFFER DES GAZ EN ECOULEMENT

(71) **OBERLAND MANGOLD GMBH** [DE/DE]; Amselstrasse 3, D-82467 Garmisch-Partenkirchen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MANGOLD, Anton** [DE/DE]; Amselstrasse 3, D-82467 Garmisch-Partenkirchen (DE). **MANGOLD, Matthias** [DE/DE]; Amselstrasse 3, D-82467 Garmisch-Partenkirchen (DE).

(74) **LANG, Friedrich** et al. / etc.; Weber & Heim, Irmgardstrasse 3, D-81479 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F01N 3/08, F02D 41/02, B01D 53/96, 53/94**

(11) **WO 00/71864** (13) A1

(21) PCT/EP00/02518

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) de (26) de

(30) 199 22 962.7 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PERIODICALLY DESULFATING A NITROGEN OXIDE OR SULFUR OXIDE ACCUMULATOR OF AN EXHAUST GAS CLEANING SYSTEM

• PROCEDE DE DESULFATATION D'UN ACCUMULATEUR D'OXYDES AZOTIQUES OU D'OXYDES DE SOUFRE FAISANT PARTIE D'UNE INSTALLATION DE PURIFICATION DE GAZ D'ECHAPPEMENT

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BÖGNER, Walter** [DE/DE]; Neckarhalde 24, D-71686 Remseck (DE). **KARL, Günter** [DE/DE]; Rotenackerstrasse 77, D-73732 Esslingen (DE). **KRUTZSCH, Bernd** [DE/DE]; Eichendorffstrasse 8, D-73770 Denkendorf (DE). **RENFFTLEN, Stefan** [DE/DE]; Rosenstrasse 26, D-73054 Eislingen (DE). **SCHÖN, Christof** [DE/DE]; Wilh.-Enssle-Strasse 163, D-73630 Remshalden (DE). **VOIGTLÄNDER, Dirk** [DE/DE]; Weilimdorfer Strasse 7, D-70825 Korntal-Münchingen (DE). **WENNINGER, Günter** [DE/DE]; Alte Dorfstrasse 36 a, D-70599 Stuttgart (DE).

(74) **DAHMEN, Toni** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, FTP - C 106, D-70546 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F01N 3/08, 3/20**

(11) **WO 00/71865** (13) A1

(21) PCT/EP00/02658

(22) **25 Mar/mar 2000 (25.03.2000)**

(25) de (26) de

(30) 199 22 961.9 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXHAUST GAS CLEANING SYSTEM HAVING INTERNAL AMMONIA PRODUCTION FOR REDUCING NITROGEN OXIDES

• INSTALLATION DE PURIFICATION DE GAZ D'ECHAPPEMENT A PRODUCTION INTERNE D'AMMONIAC POUR LA REDUCTION DES OXYDES AZOTIQUES

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GÜNTHER, Josef** [DE/DE]; August-Lämmle-Strasse 5/1, D-71563 Affalterbach (DE). **KRUTZSCH, Bernd** [DE/DE]; Eichendorffstrasse 8, D-73770 Denkendorf (DE). **SCHÖN, Christof** [DE/DE]; Wilh.-Enssle-Strasse 163, D-73630 Remshalden (DE). **VOIGTLÄNDER, Dirk** [DE/DE]; Weilimdorfer Strasse 7, D-70825 Korntal-Münchingen (DE). **WEIBEL, Michel** [FR/DE]; Bernsteinstrasse 30, D-70619 Stuttgart (DE). **WEIRICH, Marko** [DE/DE]; Fuchsienweg 1, D-70374 Stuttgart (DE).

(74) **DAHMEN, Toni** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, FTP - C106, D-70546 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[7] **F01N 3/08, B01D 53/32, B01J 19/08**

(11) **WO 00/71866** (13) A1

(21) PCT/GB00/01881

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911728.5 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIELECTRIC BARRIER GAS REACTORS WITH NON-AXIAL FLOW
• REACTEURS A GAZ A BARRIERE DIELECTRIQUE ET A ECOULEMENT NON AXIAL

(71) **AEA TECHNOLOGY PLC** [GB/GB]; 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ANDREWS, Peter, James** [GB/GB]; 17 Donnington Place, Belmont Park, Wantage, Oxfordshire OX12 9YE (GB). **BEECH, Philip, Michael** [GB/GB]; 3 Darebt Place, Ladygrove, Didcot, Oxfordshire OX11 7HQ (GB). **MARTIN, Anthony, Robert** [GB/GB]; 17 Hamble Drive, Abingdon, Oxfordshire OX14 3TF (GB). **NG, Ka, Lok** [GB/GB]; 8 Harwich Close, Lower Earley, Reading, Berkshire RG6 3UD (GB). **SHAWCROSS, James, Timothy** [GB/GB]; 27 Ticknell Piece Road, Charlbury, Oxfordshire OX7 3TN (GB). **WEEKS, David, Michael** [GB/GB]; 60 Blandy Avenue, Southmoor, Abingdon, Oxfordshire OX13 5DB (GB). **REYNOLDS, David, Allen** [GB/GB]; 6 Sherwood Road, Didcot, Oxfordshire OX11 0BU (GB).

(74) **LOFTING, Marcus, John** et al. / etc.; AEA Technology plc, Patents Dept., 329 Harwell Didcot, Oxfordshire OX11 0RA (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F01N 3/10, 3/08**

(11) **WO 00/71867** (13) A1

(21) PCT/KR00/00493

(22) **19 May/mai 2000 (19.05.2000)**

(25) ko (26) en

(30) 1999/18202 **20 May/mai 1999** KR **(20.05.1999)**

(30) 1999/10163 U **9 Jun/juin 1999** KR **(09.06.1999)**

(30) 1999/37176 **2 Sep/sep 1999** KR **(02.09.1999)**

(30) 1999/42456 **2 Oct/oct 1999** KR **(02.10.1999)**

(30) 1999/44464 **14 Oct/oct 1999** KR **(14.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PURIFICATION SYSTEM OF EXHAUST GAS OF INTERNAL COMBUSTION ENGINE
• SYSTEME D'EPURATION DE GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE

(71) **INSTITUTE FOR ADVANCED ENGINEERING** [KR/KR]; 5626, 5-Ga, Namdaemoon-Ro, Jung-Gu, Seoul 100-095 (KR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SON, Geon, Seog** [KR/KR]; Hyundae Apt., 107-1903, Kimrangjang-Dong, Yongin-Shi, Kyonggi-Do 449-020 (KR).

(74) **JANG, Seong, Ku**; KEC Building, 17th floor, 275-7, Yangjae-Dong, Seocho-Ku, Seoul 137-130 (KR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F01N 3/20, 3/28, 3/08, B01D 53/94, 53/90, 53/32**

(11) **WO 00/71868** (13) A1

(21) PCT/EP00/02623

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) de (26) de

(30) 199 22 960.0 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXHAUST GAS CLEANING SYSTEM HAVING INTERNAL AMMONIA PRODUCTION FOR REDUCING NITROGEN OXIDES
• INSTALLATION DE PURIFICATION DE GAZ D'ECHAPPEMENT A PRODUCTION INTERNE D'AMMONIAC POUR LA REDUCTION DES OXYDES AZOTIQUES

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BÖGNER, Walter** [DE/DE]; Neckarhalde 24, D-71686 Remseck (DE). **HARTWEG, Martin** [DE/DE]; Am Wall 5, D-89155 Erbach (DE). **KONRAD, Brigitte** [DE/DE]; Nelly-Sachs-Strasse 14, D-89134 Blaustein (DE). **KRUTZSCH, Bernd** [DE/DE]; Eichendorffstrasse 8, D-73770 Denkendorf (DE). **WEIBEL, Michel** [FR/DE]; Bernsteinstrasse 30, D-70619 Stuttgart (DE). **WENNINGER, Günter** [DE/DE]; Alte Dorfstrasse 36 A, D-70599 Stuttgart (DE).

(74) **DAHMEN, Toni** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, FTP - C 106, D-70546 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **F01N 3/24, 3/28, 7/08**

(11) **WO 00/71869** (13) A1

(21) PCT/JP99/02662

(22) **20 May/mai 1999 (20.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND MECHANISM FOR EXHAUST EMISSION CONTROL
• PROCEDE ET MECANISME DE REGULATION DE GAZ D'ECHAPPEMENT

(71, 72) **NAGAHASHI, Makoto** [JP/JP]; 3176-3-3, Totuka-cho, Totuka-ku, Yokohama-Si, Kanagawa 244-0001 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F01N 11/00, B01D 53/94**

(11) **WO 00/71870** (13) A1

(21) PCT/DE00/01378

(22) **29 Apr/avr 2000 (29.04.2000)**

(25) de (26) de

(30) 199 22 981.3 **19 May/mai 1999** DE **(19.05.1999)**

(30) 199 23 044.7 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR CONTROLLING A RICH/LEAN COMBUSTION MIXTURE IN A DEFINED MANNER
• PROCEDE POUR OBTENIR, DE MANIERE DEFINIE, UN MELANGE DE GAZ DE COMBUSTION SOIT RICHE SOIT PAUVRE

(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) **STAHL, Roland** [DE/DE]; Finkenweg 11, D-71691 Freiberg (DE).

(81) BR CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F01P 11/02**

(11) **WO 00/71871** (13) A1

(21) PCT/EP00/04630

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 774.3 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CLOSURE CAP FOR A RADIATOR OF A MOTOR VEHICLE
• BOUCHON POUR RADIATEUR DE VEHICULE AUTOMOBILE

(71, 72) **REUTTER, Heinrich** [DE/DE]; Theodor-Heuss-Strasse 12, D-71336 Waiblingen (DE).

(74) **FUHLENDORF, Jörn**; Dreiss Patentanwälte, Postfach 10 37 62, D-70032 Stuttgart (DE).

(81) BR CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F01P 11/02, 3/22**

(11) **WO 00/71872** (13) A1

(21) PCT/EP00/04661

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 775.1 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CLOSURE CAP FOR A MOTOR VEHICLE RADIATOR
• BOUCHON POUR RADIATEUR DE VEHICULE AUTOMOBILE

(71, 72) **REUTTER, Heinrich** [DE/DE]; Theodor-Heuss-Strasse 12, D-71336 Waiblingen (DE).

(74) **FUHLENDORF, Jörn**; Dreiss Patentanwälte, Postfach 10 37 62, D-70032 Stuttgart (DE).

(81) BR CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02B 37/12**

(11) **WO 00/71873** (13) A1

(21) PCT/JP00/03198

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/139668 **20 May/mai 1999** JP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VARIABLE DISPLACEMENT TURBO SUPERCHARGER
• COMPRESSEUR À TURBINE À DEPLACEMENT VARIABLE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). **HITACHI CAR ENGINEERING CO., LTD.** [JP/JP]; 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FUKAYA, Masashi** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **MURAKAMI, Yasunori** [JP/JP]; Hitachi Car Engineering Co., Ltd., 2477, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **UDAGAWA, Tetsuo** [JP/JP]; Automotive Products, Hitachi, Ltd., 2520, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **OKAZAKI, Tsutomu** [JP/JP]; Automotive Products, Hitachi Ltd., 2520, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02B 37/16, F16K 17/06**

(11) **WO 00/71874** (13) A1

(21) PCT/SE00/00912

(22) **9 May/mai 2000 (09.05.2000)**

(25) sv (26) en

(30) 9901695-8 **10 May/mai 1999** SE **(10.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VALVE DEVICE
• DISPOSITIF DE SOUPAPE

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HÅKANSSON, Nils, Olof** [SE/SE]; Flintakroken 12, S-443 60 Stenkullen (SE).

(74) **HELLBOM, L.** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 5581, S-114 85 Stockholm (SE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02B 69/00**

(11) **WO 00/71875** (13) A1

(21) PCT/EP00/02936

(22) **1 Apr/avr 2000 (01.04.2000)**

(25) de (26) de

(30) 199 23 413.2 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR OPERATING A FOUR-STROKE RECIPROCATING INTERNAL COMBUSTION ENGINE WITH ALTERNATING COMPRESSION IGNITION AND EXTERNALLY SUPPLIED IGNITION
• PROCEDE DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE A PISTON ALTERNATIF A QUATRE TEMPS AVEC ALLUMAGE ALTERNATIVEMENT PAR COMPRESSION ET PAR APPAREILLAGE EXTERNE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JURETZKA, Andreas** [DE/DE]; Marienbader Strasse 9, D-70372 Stuttgart (DE). **NIEBERDING, Rolf-Günther** [DE/DE]; Oberanger 6, D-80331 München (DE).

(74) **DAHMEN, Toni** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, FTP - C 106, D-70546 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02C 9/28**

(11) **WO 00/71876** (13) A1

(21) PCT/US00/12663

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 60/136,013 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/507,411 **18 Feb/fév 2000** US **(18.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SPEED MODIFICATION SYSTEM FOR GAS TURBINE ENGINE TO ALLOW TRIMMING OF EXCESS THRUST
• SYSTEME DE MODIFICATION DE LA VITESSE POUR UN MOTEUR DE TURBINE A GAZ, DESTINE A PERMETTRE LA COMPENSATION DE L'EXCES DE POUSSEE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **KAMATH, Deepak, Manohar**; 12159 Springdale Lake Drive, Cincinnati, OH 45246 (US). **ROSENFELD, Taylor, Johnson**; 60 East Fountain Avenue, Glendale, OH 45246 (US). **SCHINGS, Bruce, Gunter**; 3356 Saint George's Way, Loveland, OH 45140 (US).

(74) **MITCHELL, James, W.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) BR CA CN IN JP MX RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F02D 41/14**

(11) **WO 00/71877** (13) A1

(21) PCT/EP00/04325

(22) **13 May/mai 2000 (13.05.2000)**

(25) de (26) de

(30) 199 23 481.7 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR DESULFURIZATION OF AT LEAST ONE $NO_x$ STORAGE CATALYST MOUNTED IN THE EXHAUST GAS DUCT OF AN INTERNAL COMBUSTION ENGINE
• PROCEDE DE DESULFURATION D'AU MOINS UN CATALYSEUR ACCUMULANT DU $NO_x$, AGENCE DANS UN CONDUIT DE GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **POTT, Ekkehard** [DE/DE]; Westring 33, D-38518 Gifhorn (DE). **GOTTSCHLING, Martina** [DE/DE]; Eulenstr. 11, D-38114 Braunschweig (DE). **HELD, Wolfgang** [DE/DE]; Wilhelmstrasse 1, D-38448 Wolfsburg (DE). **HAHN, Hermann** [DE/DE]; Gebr.-Grimm-Str. 37, D-38165 Lehre (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

(81) CN IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02D 41/14**

(11) **WO 00/71878** (13) A1

(21) PCT/EP00/04335

(22) **13 May/mai 2000 (13.05.2000)**

(25) de (26) de

(30) 199 23 498.1 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF CONTROLLING AN NOx STORAGE CATALYST
• PROCEDE DE COMMANDE DE LA REGENERATION D'UN CATALYSEUR ACCUMULATEUR DE NOx

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **POTT, Ekkehard** [DE/DE]; Westring 33, D-38518 Gifhorn (DE). **KÖNIG, Axel** [DE/DE]; Galgenkamp 13, D-38448 Wolfsburg (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

(81) CN IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02D 41/40**

(11) **WO 00/71879** (13) A1

(21) PCT/DE00/00703

(22) **4 Mar/mar 2000 (04.03.2000)**

(25) de (26) de

(30) 199 23 299.7 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE
• PROCEDE ET DISPOSITIF DE COMMANDE D'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) **LEUZ, Marcus** [DE/DE]; Keltenstrasse 4, D-74214 Schoental-Oberkessach (DE). **PFAEFFLE, Andreas** [DE/DE]; Rosenstrasse 26, D-71543 Wuestenrot (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02K**

(11) **WO 00/71880** (13) A2

(21) PCT/US00/12658

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/312,585 **14 May/mai 1999** US **(14.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SIMPLIFIED HIGH-EFFICIENCY PROPULSION SYSTEM
• SYSTEME DE PROPULSION SIMPLIFIE A HAUT RENDEMENT

(71, 72) **BOWERY, James, A.** [US/US]; 1180 Lochinvar, No. 90, Sunnyvale, CA 94087 (US).

(72) **GREGORY, Roger, E.**; 541A Presidio Boulevard, San Francisco, CA 94129 (US).

(74) **BECKER, Mark, L.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F02M 25/07**

(11) **WO 00/71881** (13) A1

(21) PCT/GB00/01693

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 9911886.1 **22 May/mai 1999** GB **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE

(71) **FORD GLOBAL TECHNOLOGIES, INC.** [US/US]; 600 Parklane Towers East, One Parklane Boulevard, Dearborn, Mi 48126 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MA, Thomas, Tsoi-Hei** [GB/GB]; 30 Creekview Road, South Woodham Ferrers, Chelmsford, Essex CM3 5YL (GB).

(74) **MESSULAM, Alec, Moses**; A. Messulam & Co. Ltd., 43-45 High Road, Bushey Heath, Herts WD23 1EE (GB).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02M 25/10**

(11) **WO 00/71882** (13) A1

(21) PCT/US00/14426

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,491 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OXYGENATED GEL FOR IMPROVING PERFORMANCE OF COMBUSTION ENGINES THROUGH IMPROVED BURNING OF COMBUSTIBLES
• GEL OXYGENE PERMETTANT D'AMELIORER LA PERFORMANCE DE MOTEURS A COMBUSTION GRACE A UNE MEILLEURE COMBUSTION DES COMBUSTIBLES

(71, 72) **TOLMAN, Marriner** [US/US]; 9756 South 520 East, Salt Lake City, UT 84070 (US). **TAYLOR, Alan** [US/US]; 1259 North 625 West, Orem, UT 84057 (US).

(74) **O'BRYANT, David, W.** et al. / etc.; Morriss, Bateman, O'Bryant & Compagni, P.C., Suite 300, 5882 South 900 East, Salt Lake City, UT 84121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F02M 31/125**

(11) **WO 00/71883** (13) A1

(21) PCT/JP00/03290

(22) **23 May/mai 2000 (23.05.2000)**

(25) ja (26) ja

(30) 11/178796 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/178797 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/178798 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/200755 **11 Jun/juin 1999** JP **(11.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF IMPROVING PETROLEUM FUEL COMBUSTION AND DEVICE THEREFOR
• PROCEDE POUR AMELIORER LA COMBUSTION DE CARBURANTS A BASE DE PETROLE ET DISPOSITIF PREVU A CET EFFET

(71) **NISHIYAMA, Kenichi** [JP/JP]; Chateau Tsukimizaka 4A, 9-9, Tsukimizakacho 1-chome, Chigusa-ku, Nagoya-shi, Aichi 464-0043 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **YAMAMOTO, Kazunori** [JP/JP]; Embaassy Court 201, 35-10, Yoyogi 5-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(74) **OHARA, Jiro**; 23-1-1144, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) AE AU BG BR CA CN CZ HU ID IL IN JP KR MA MK MX NO NZ PL RO SG US VN YU.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F02M 37/00**

(11) **WO 00/71884** (13) A1

(21) PCT/EP00/04437

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 302.0 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FUEL SUPPLY DEVICE FOR A COMBUSTION ENGINE

- DISPOSITIF D'ALIMENTATION EN CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE

(71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, D-80809 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KROISS, Hugo** [DE/DE]; Gröbenbachstr. 12 a, D-82194 Gröbenzell (DE). **LOESCH, Simon** [DE/DE]; Moosburger Str. 25, D-85456 Wartenberg (DE). **TREML, Christian** [AT/DE]; Appenzeller Str. 5, D-81475 München (DE).

(74) **ZOLLNER, Richard**; Bayerische Motoren Werke Aktiengesellschaft, Patentabteilung AJ-3, D-80788 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02M 47/02, 59/46**

(11) **WO 00/71885** (13) A1

(21) PCT/DE00/01637

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 470.1 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- FUEL INJECTION VALVE FOR AN INTERNAL COMBUSTION ENGINE
- SOUPAPE D'INJECTION DE CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BECKMANN, Thomas** [DE/DE]; Flurweg 28, D-93161 Sinzing (DE). **FRANK, Wilhelm** [DE/DE]; Meinhardtstrasse 44, D-96049 Bamberg (DE). **KLÜGL, Wendelin** [DE/DE]; Föhrenstrasse 1, D-92358 Seubersdorf (DE). **LEWENTZ, Günter** [DE/DE]; Lärchenweg 5, D-93055 Regensburg (DE). **RINK, Jürgen** [DE/DE]; Lindenstrasse 16, D-92442 Wackersdorf (DE). **SCHMUTZLER, Gerd** [DE/DE]; Blütenstrasse 28, D-93138 Kareth (DE). **VOIGT, Andreas** [DE/DE]; Liebigstrasse 27, D-93055 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Wittelsbacherplatz 2, D-80333 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02M 61/04, 61/08, 61/18, F02B 3/12, F02M 45/08**

(11) **WO 00/71886** (13) A1

(21) PCT/EP00/04087

(22) **6 May/mai 2000 (06.05.2000)**

(25) de (26) de

(30) 199 22 964.3 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- METHOD FOR INJECTING FUEL AND INJECTION VALVE FOR CARRYING OUT SAID METHOD
- PROCEDE POUR INJECTER DU CARBURANT ET SOUPAPE D'INJECTION PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KÖNIG, Gerhard** [DE/DE]; Am Weiher 2, D-73111 Lauterstein (DE). **ÖING, Heinz** [DE/DE]; Marienstrasse 8, D-26892 Dörpen (DE). **RENNER, Gregor** [DE/DE]; Kristallweg 16, D-70619 Stuttgart (DE).

(74) **DAHMEN, Toni** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, FTP - C106, D-70546 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02N 11/04, 15/04**

(11) **WO 00/71887** (13) A1

(21) PCT/EP00/04346

(22) **15 May/mai 2000 (15.05.2000)**

(25) de (26) de

(30) 199 23 316.0 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- DRIVE SYSTEM FOR A MOTOR VEHICLE
- SYSTEME DE TRANSMISSION D'UN VEHICULE AUTOMOBILE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D-88038 Friedrichshafen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZIEMER, Peter** [DE/DE]; Moosstrasse 14, D-88069 Tettnang (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D-88038 Friedrichshafen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F02N 15/00**

(11) **WO 00/71888** (13) A2

(21) PCT/GB00/02031

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912092.5 **25 May/mai 1999** GB **(25.05.1999)**

(30) 9912471.1 **28 May/mai 1999** GB **(28.05.1999)**

(30) 9916191.1 **9 Jul/juil 1999** GB **(09.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- IMPROVEMENTS TO ALTERNATORS AND IMPROVEMENTS TO ROTARY INTERNAL COMBUSTION ENGINES
- AMELIORATIONS APPORTEES AUX ALTERNATEURS ET AUX MOTEURS A COMBUSTION INTERNE ROTATIFS

(71, 72) **HARRIS, David, Jonathan** [GB/GB]; 15 Kingsley Avenue, Borehamwood, Hertfordshire WD6 4LY (GB).

(74) **WHITAKER, Iain Mark**; Sommerville & Rushton, 45 Grosvenor Road, St. Albans, Hertfordshire AL1 3AW (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **F02P 17/00, H01R 13/64, G01C 21/00**

(11) **WO 00/71889** (13) A1

(21) PCT/US99/11262

(22) **20 May/mai 1999 (20.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- AIRCRAFT EQUIPMENT CONFIGURATION IDENTIFICATION INTERFACE GUIDE
- GUIDE POUR INTERFACE SERVANT A IDENTIFIER LA CONFIGURATION D'UN EQUIPEMENT DE BORD

(71) **ENDEVCO CORPORATION** [US/US]; 30700 Rancho Viejo Road, San Juan Capistrano, CA 92675 (US).

(72) **GENKUONG, Fernando, F.**; 28561 Murrelet Drive, Laguna Niguel, CA 92677 (US). **KAROLYS, Alexis, G.**; 302 Calle Paisano, San Clemente, CA 92673 (US).

(74) **BRUNDA, Bruce, B.**; Stetina Brunda Garred & Brucker, 24221 Calle de la Louisa, 4th Floor, Laguna Hills, CA 92653 (US).

.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F03B 13/12, 15/06, F03D 7/00, 11/04, F01D 25/28**

(11) **WO 00/71890** (13) A1

(21) PCT/US00/14289

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/320,204 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- BI-DIRECTIONAL HYDROTURBINE ASSEMBLY FOR TIDAL DEPLOYMENT
- ENSEMBLE HYDROTURBINE BIDIRECTIONNEL POUR DEPLOIEMENT DANS UN FLUX DE MAREE

(71, 72) **VAUTHIER, Philippe** [CH/US]; P.O. Box 3124, Annapolis, MD 21403 (US).

(74) **LAFFERTY, Wm., Brook**; Troutman Sanders LLP, Suite 5200, 600 Peachtree Street, Atlanta, GA 30308 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM EE ES FI GB

GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F03B 13/14**

(11) **WO 00/71891** (13) A1

(21) PCT/US00/14765

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,111 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/578,959 **25 May/mai 2000** US **(25.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLOATING WAVE ENERGY CONVERTER
• HOULOMOTRICE FLOTTANTE

(63) US 09/578,959 (CON) 25 May/mai 2000 (25.05.2000)

(71) **U.S. MYRIAD TECHNOLOGIES** [US/US]; 1085 Bloomfield Avenue, West Caldwell, NJ 07006 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BISHOP, Robert** [US/US]; 1083 Bloomfield Avenue, West Caldwell, NJ 07006 (US). **BISHOP, Justin** [US/US]; 1083 Bloomfield Avenue, West Caldwell, NJ 07006 (US).

(74) **JACKSON, David, A.**; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F03B 13/24, 13/14**

(11) **WO 00/71892** (13) A1

(21) PCT/US00/14752

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,111 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/578,958 **25 May/mai 2000** US **(25.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMBINED WAVE ENERGY CONVERTER
• HOULOMOTRICE COMBINEE

(63) US 09/578,958 (CON) 25 May/mai 2000 (25.05.2000)

(71) **U.S. MYRIAD TECHNOLOGIES** [US/US]; 1085 Bloomfield Avenue, West Caldwell, NJ 07006 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BISHOP, Robert** [US/US]; 1083 Bloomfield Avenue, West Caldwell, NJ 07006 (US). **BISHOP, Justin** [US/US]; 1083 Bloomfield Avenue, West Caldwell, NJ 07006 (US).

(74) **JACKSON, David, A.**; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F03D 1/04**

(11) **WO 00/71893** (13) A1

(21) PCT/ES00/00184

(22) **19 May/mai 2000 (19.05.2000)**

(25) es (26) es

(30) P 9901093 **20 May/mai 1999** ES **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CYCLONIC OR ANTI-CYCLONIC CONVERSION TOWER
• TOUR DE CONVERSION CYCLONIQUE ET ANTICYCLONIQUE

(71) **TRYP MULTISERV, S.L.** [ES/ES]; Avenida de los Pirineos, 13 Nave 18, E-28700 San Sebastián de los Reyes (ES).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PRIETO SANTIAGO, Francisco Javier** [ES/ES]; Avenida Central, 4, Ciudad Santo Domingo, E-28120 Algete (ES).

(74) **ZUAZO ARALUZE, Alexander**; José Lázaro Galdiano, 2, E-28036 Madrid (ES).

(81) AU BR CA MA MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

---

(51)[7] **F03G 7/00, H02N 11/00**

(11) **WO 00/71894** (13) A1

(21) PCT/US00/14672

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,868 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR ENERGY EXTRACTION
• PROCEDE ET APPAREIL D'EXTRACTION D'ENERGIE

(71, 72) **PINTO, Fabrizio** [US/US]; 639 W Foothill Boulevard, Monrovia, CA 91016 (US).

(74) **BREYER, Wayne, S.**; DeMont & Breyer, LLC, 35 Malus Lane, Middletown, NJ 07748 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F04B 1/107, 1/04**

(11) **WO 00/71895** (13) A1

(21) PCT/NL00/00360

(22) **25 May/mai 2000 (25.05.2000)**

(25) nl (26) en

(30) 1012151 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RADIAL PLUNGER MACHINE, IN PARTICULAR A RADIAL PLUNGER PUMP
• MACHINE A PISTON RADIALE, NOTAMMENT POMPE A PISTON RADIALE

(71) **APPLIED POWER INCORPORATED** [US/US]; 13000 West Silver Spring Drive, Butler, WI 53007 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN 'T VEEN, Daniël** [NL/NL]; Rogge 52, NL-7623 HN Borne (NL).

(74) **BROOKHUIS, H., J., A.**; Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F04B 39/10 // 37/16, F25B 31/02**

(11) **WO 00/71896** (13) A1

(21) PCT/DK00/00271

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 611.9 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AXIAL PISTON REFRIGERANT COMPRESSOR
• COMPRESSEUR A REFRIGERANT

(71) **DANFOSS COMPRESSORS GMBH** [DE/DE]; Mads-Clausen-Str. 7, P.O. Box 1443, D-24904 Flensburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IVERSEN, Frank, Holm** [DK/DK]; Grydehøjvej 3, Bov, DK-6330 Padborg (DK). **BJERRE, Preben** [DK/DK]; Dybbølgade 16, DK-6400 Sønderborg (DK).

(74) **DANFOSS A/S**; Patentabteilung, DK-6430 Nordborg (DK).

(81) AM AT AU BA BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HR HU IL IN IS JP KR KZ LT LU LV MD MK MX NO NZ PL PT RO RU SE SG SI SK TR UA US UZ VN YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F04B 49/24, F16K 11/087**

(11) **WO 00/71897** (13) A1

(21) PCT/DE00/01675

(22) **24 May/mai 2000 (24.05.2000)**

(25) de (26) de

(30) 299 09 100.7 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PIPELINE ARRANGEMENT WITH A FILTER
• SYSTEME DE CANALISATION DOTE D'UN FILTRE

(71) **MEIBES HOLDING GMBH** [DE/DE]; Ernst-Grote-Strasse 12, D-30916 Isernhagen (DE). **LESZCZYNSKA FABRIKA POMP** [PL/PL]; PL-64-100-Leszno (PL).

(72) **PLEUGER, Rolf**; Damaschkestrasse 2, D-44141 Dortmund (DE). **MUKOMILOW, Dariusz**; Heinrich-Linau-Weg 10, D-29336 Nienhagen (DE). **SZYSZKOWIAK, Janusz**; ul. Dembinskiego 16, PL-64-100 Leszno (PL). **TOMCZYK, Karol**; ul. Niepodleglosci 92, PL-64-100 Leszno (PL).

(74) **LAUE, Eckhard**; In der Krakau 21, D-30900 Wedemark (DE).

(81) AM AZ BA BY CZ EE GE HR HU KZ LT LV PL RU SI SK UA UZ YU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F15B 1/08**

(11) **WO 00/71898** (13) A1

(21) PCT/FR00/01331

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06351 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SPHERE OR ACCUMULATOR WITH MEMBRANE COMPRISING AN ELEMENT WHEREOF THE MECHANICAL CHARACTERISTICS ARE SUDDENLY MODIFIED BY A SPECIFIC CHANGE IN TEMPERATURE
• SPHERE OU ACCUMULATEUR A MEMBRANE COMPORTANT UN ELEMENT DONT LES CARACTERISTIQUES MECANIQUES EVOLUENT BRUSQUEMENT A PARTIR D'UNE TEMPERATURE DETERMINEE

(71) **PEUGEOT CITROEN AUTOMOBILES SA** [FR/FR]; 62, boulevard Victor Hugo, F-92200 Neuilly sur Seine (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LE BORGNE, Cédric** [FR/FR]; 10 Villa des Acacias, F-95360 Montmagny (FR).

(74) **BENTZ, Jean-Paul**; Cabinet Weinstein, 56A, rue du Faubourg Saint-Honoré, F-75008 Paris (FR).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F15B 11/00, F04B 49/00, E02F 9/22**

(11) **WO 00/71899** (13) A1

(21) PCT/JP00/02443

(22) **14 Apr/avr 2000 (14.04.2000)**

(25) ja (26) ja

(30) 11/142240 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE AND METHOD FOR CONTROLLING CONSTRUCTION MACHINERY
• DISPOSITIF ET PROCEDE DE COMMANDE D'ENGIN DE TRAVAUX PUBLIQUES

(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) **ONDA, Kimimasa** [JP/JP]; Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP).

(74) **SANADA, Tamotsu**; Kichijoji-Hirose Building, 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F15B 20/00**

(11) **WO 00/71900** (13) A1

(21) PCT/DK00/00260

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 199 22 866.3 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HYDRAULIC LINE CONNECTION
• RACCORD DE CANALISATION HYDRAULIQUE

(71) **DANFOSS FLUID POWER A/S** [DK/DK]; Nordborgvej 81, DK-6430 Nordborg (DK).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ENNEMARK, Poul** [DK/DK]; Alsgade 11B, DK-6400 Sønderborg (DK). **ZAREMBA, Søren** [DK/DK]; Mosevang 60, DK-6430 Nordborg (DK).

(74) **DANFOSS A/S**; Patent Department, DK-6430 Nordborg (DK).

(81) AM AT AU BA BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HR HU IL IN IS JP KR KZ LT LU LV MD MK MX NO NZ PL PT RO RU SE SG SI SK TR UA US UZ VN YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F16B 12/24**

(11) **WO 00/71901** (13) A1

(21) PCT/EP00/04340

(22) **15 May/mai 2000 (15.05.2000)**

(25) de (26) de

(30) 199 23 107.9 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FASTENING ELEMENT FOR FASTENING COMPONENTS TO PARTS OF FURNITURE OR PARTS OF FURNITURE TO ONE ANOTHER
• DISPOSITIF DE FIXATION PERMETTANT DE FIXER DES ELEMENTS DE CONSTRUCTION A DES PARTIES DE MEUBLE, OU DES PARTIES DE MEUBLES ENTRE ELLES

(71, 72) **NIEDERMAYER, Hans** [DE/DE]; Pappelweg 44, D-71706 Markgröningen (DE). **MALLINOWSKI, Ivan** [DE/DE]; Villstrasse 10, D-52441 Linnich (DE). **BASLER, Helmut** [DE/DE]; Hauptstrasse 3, D-73034 Eislingen/Fils (DE).

(74) **DREISS, Uwe**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, D-70032 Stuttgart (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16C 11/06**

(11) **WO 00/71902** (13) A1

(21) PCT/EP00/04124

(22) **9 May/mai 2000 (09.05.2000)**

(25) de (26) de

(30) 199 23 320.9 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BALL-AND-SOCKET JOINT
• JOINT A ROTULE

(71) **WALTER BETHKE KUNSTSTOFFVERARBEITUNG ELEKTRONIK GMBH & CO. KG** [DE/DE]; Daimler Strasse 26-32, D-41189 Mönchengladbach (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WILLEMSEN, Reinhard** [DE/DE]; Hölderlinstrasse 3, D-41238 Mönchengladbach (DE).

(74) **GRUNDMANN, Dirk** et al. / etc.; Corneliusstrasse 45, D-42329 Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **F16C 17/10, 33/10, 33/24, H02K 5/16, 7/08, 7/09, 21/22, G11B 19/20, 25/04**

(11) **WO 00/71903** (13) A1

(21) PCT/JP00/03223

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/141512 **21 May/mai 1999 (21.05.1999)** JP

(30) 11/284111 **5 Oct/oct 1999 (05.10.1999)** JP

(30) 11/339388 **30 Nov/nov 1999 (30.11.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BEARING STRUCTURE, SPINDLE MOTOR, AND HARD DISK DRIVE
• STRUCTURE DE PALIER, MOTEUR D'ENTRAINEMENT, ET UNITE DE DISQUE DUR

(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOMURA, Osamu** [JP/JP]; Itami Works of Sumitomo Electric Industries, LTD. 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **OTSUKI, Makoto** [JP/JP]; Itami Works of Sumitomo Electric Industries, LTD. 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **MURABE, Kaoru** [JP/JP]; Itami Works of Sumitomo Electric Industries, LTD. 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F16C 27/06, B62D 1/16, B60R 16/02**

(11) **WO 00/71904** (13) A1

(21) PCT/EP00/03947

(22) **3 May/mai 2000 (03.05.2000)**

(25) de (26) de

(30) 199 22 914.7 **20 May/mai 1999 (20.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ROLLING BEARING FOR BEARING A STEERING SHAFT
• PALIER A ROULEMENT POUR LE SUPPORT D'UN ARBRE DE DIRECTION

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestr. 1-3, D-91074 Herzogenaurach (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ERHARDT, Herbert** [DE/DE]; Erlenstrasse 10, D-91074 Herzogenaurach (DE). **LUTZ, Rainer** [DE/DE]; Ringstrasse 6b, D-91459 Markt Erlbach (DE). **WUNDERLICH, Uwe** [DE/DE]; Steinackerstrasse 5a, D-91322 Gräfenberg (DE).

(81) BR DE JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F16D 3/00**

(11) **WO 00/71905** (13) A2

(21) PCT/IB99/00897

(22) **19 May/mai 1999 (19.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTROLLED POWER SPLITTING AND COMBINING TRANSMISSION (CPSCT)
• DIVISION DE PUISSANCE COMMANDEE ET COMBINAISON DE TRANSMISSION (CPSCT)

(71) **MAKSOUD, Ali** [EG/CA]; 195 Milner Avenue, Scarborough, Ontario M1S 3R1 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **ABD EL-MAKSOUD, Rafea** [EG/EG]; 32 Abd El-Aziz Fahmi st., Heliopolis, 11351 Cairo (EG).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16D 65/56**

(11) **WO 00/71906** (13) A1

(21) PCT/EP00/03393

(22) **14 Apr/avr 2000 (14.04.2000)**

(25) de (26) de

(30) 199 23 457.4 **21 May/mai 1999 (21.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WEAR ADJUSTMENT DEVICE FOR A BRAKE
• DISPOSITIF DE RATTRAPAGE D'USURE DES GARNITURES DE FREINS

(71) **KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH** [DE/DE]; Moosacher Str. 80, D-80809 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **THEISS, Armin** [DE/DE]; Ebenreuthen 15, D-94151 Mauth/Heinrichsbrunn (DE). **IRASCHKO, Johann** [DE/DE]; Reisdorf 23 1/2, D-85301 Schweitenkirchen (DE). **BAUMGARTNER, Hans** [DE/DE]; Thonstetten 35, D-85368 Moosburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16H**

(11) **WO 00/71907** (13) A2

(21) PCT/US00/14054

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,340 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NON-GROUNDED HYDRAULIC TRANSMISSION APPARATUS
• APPAREIL DE TRANSMISSION HYDRAULIQUE NON RELIE A LA TERRE

(71, 72) **JOHNSON, Kenneth, O.** [US/US]; 8360 Arapaho Lane, Cincinnati, OH 45243 (US).

(74) **HEDGES, Norman, J.**; Bose McKinney & Evans LLP, 2700 First Indiana Plaza, 135 North Pennsylvania Street, Indianapolis, IN 46204 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **F16H 1/32, H02K 7/116**

(11) **WO 00/71908** (13) A1

(21) PCT/DE99/04044

(22) **18 Dec/déc 1999 (18.12.1999)**

(25) de (26) de

(30) 199 23 877.4 **25 May/mai 1999 (25.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENGINE-TRANSMISSION UNIT
• BLOC-MOTEUR

(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) **MOSKOB, Frank** [DE/DE]; Friedrich-Ebert-Strasse 11, D-77815 Buehl (DE).

(81) BR JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F16H 3/083, 63/02, 63/04**

(11) **WO 00/71909** (13) A1

(21) PCT/AU00/00499

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0542 **24 May/mai 1999 (24.05.1999)** AU

(30) PQ 4236 **25 Nov/nov 1999 (25.11.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A TRANSMISSION
• UNE TRANSMISSION

(71) **SELECT DESIGN TECHNOLOGIES LIMITED** [AU/AU]; Suite 206, 15 Albert Avenue, Broadbeach, Queensland 4218 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KLARICIC, Boris** [AU/AU]; No 2 Cummins Road, Brighton East, Victoria 3187 (AU).

(74) **INTELLPRO**; GPO Box 1339, Brisbane, Queensland 4001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16H 3/44**

(11) **WO 00/71910** (13) A1

(21) PCT/KR00/00471

(22) **16 May/mai 2000 (16.05.2000)**

(25) ko (26) en

(30) 1999/18166 **20 May/mai 1999 (20.05.1999)** KR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REDUCTION APPARATUS
• DISPOSITIF REDUCTEUR

(71, 72) **BAE, Myung-soon** [KR/KR]; 101-1504 Daeback Apt., 540 Okkye-dong, Gumi-shi, Kyungsangbuk-do 730-380 (KR).

(74) **YOO, Young-dae**; 806 Sampoong Building, 310-68, Ulchiro 4-ga, Chung-gu, Seoul 100-194 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16J**

(11) **WO 00/71911** (13) A2

(21) PCT/US00/11526

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 60/131,995 **29 Apr/avr 1999 (29.04.1999)** US

(30) 09/518,768 **3 Mar/mar 2000 (03.03.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ROTARY POWDER FEED THROUGH APPARATUS
• APPAREIL ROTATIF D'ALIMENTATION CONTINUE EN POUDRE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

(72) **LEWIS, Gary, K.**; 17 Pilar Street, Los Alamos, NM 87544 (US). **LESS, Richard, M.**; 216 Canada Way, Los Alamos, NM 87544 (US).

(74) **O'BANION, John, P.**; O'Banion & Ritchey LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16J**

(11) **WO 00/71912** (13) A2

(21) PCT/US00/13808

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,422 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RADIAL LIP SEAL HAVING PROTECTED POROUS DUST EXCLUDER
• JOINT A LEVRE RADIAL DOTE D'UN DISPOSITIF D'ELIMINATION DE POUSSIERE POREUX DE PROTECTION

(71) **FEDERAL-MOGUL CORPORATION** [US/US]; 26555 Northwestern Highway, Southfield, MI 48034 (US).

(72) **TOTH, David, M.**; 4060 Brian Drive, Brighton, MI 48114 (US). **TRIPATHY, Bhawani, S.**; 8189 Honeytree Boulevard, Canton, MI 48187 (US). **KAPCOE, John, C.**; 18735 Walnut Road, Southgate, MI 48195 (US).

(74) **STEARNS, Robert, L.**; Reising, Ethington, Barnes, Kisselle, Learman & McCulloch, P.C., P.O. Box 4390, Troy, MI 48099 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16J 15/00, 15/46, F15B 15/14**

(11) **WO 00/71913** (13) A1

(21) PCT/EP00/02301

(22) **15 Mar/mar 2000 (15.03.2000)**

(25) de (26) de

(30) 199 22 957.0 **19 May/mai 1999 (19.05.1999)** DE

(30) 199 26 450.3 **10 Jun/juin 1999 (10.06.1999)** DE

(30) 100 03 075.0 **25 Jan/jan 2000 (25.01.2000)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEALING DEVICE FOR A PISTON WHICH IS SUBJECTED TO THE ACTION OF A PRESSURE MEDIUM AND WHICH IS ARRANGED IN A WORKING CYLINDER
• DISPOSITIF D'ETANCHEITE POUR UN PISTON SOUMIS A L'ACTION D'UN FLUIDE SOUS PRESSION DANS UN CYLINDRE DE TRAVAIL

(71, 72) **OBERHAUSER, Ludwig** [DE/DE]; Lippenstrasse 41a, D-84051 Unterahrain (DE).

(74) **KRUSPIG, Volkmar** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D-81633 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF

BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16J 15/16**

(11) **WO 00/71914** (13) A1

(21) PCT/US00/14346

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/320,222 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH PRESSURE ROTARY SHAFT SEALING MECHANISM
• MECANISME D'ETANCHEITE POUR ARBRE ROTATIF SOUS HAUTE PRESSION

(71) **KALSI ENGINEERING, INC.** [US/US]; 745 Park Two Drive, Sugar Land, TX 77478 (US).

(72) **DIETLE, Lannie, L.**; 805 Lakeview Drive, Sugar Land, TX 77478 (US). **GOBELI, Jeffrey, D.**; Apartment #2001, 1445 Lakeside Estates Drive, Houston, TX 77042 (US).

(74) **JACKSON, James, L.**; Mayor, Day, Caldwell & Keeton, L.L.P., Suite 1900, 700 Louisiana, Houston, TX 77002-2778 (US).

(81) CA DE GB.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

---

(51)[7] **F16K 1/00**

(11) **WO 00/71915** (13) A2

(21) PCT/GB00/01958

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911894.5 **22 May/mai 1999** GB **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FREEING OF SEIZED VALVES
• DEGAGEMENT DE SOUPAPES GRIPPEES

(71, 72) **ENSTON, Robert, Peter** [GB/GB]; 26 Dr. Garrett's Drive, Conway LL32 8GZ (GB).

(74) **GEOFFREY OWEN & COMPANY**; 76 Lower Bridge Street, Chester CH1 1RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16K 17/36**

(11) **WO 00/71916** (13) A1

(21) PCT/US00/14693

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 09/318,910 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REMOTE CONTROLLED HOSE VALVE
• ROBINET DE TUYAU TELECOMMANDE

(71) **L.R. NELSON CORPORATION** [US/US]; One Sprinkler Lane, Peoria, IL 61615 (US).

(72) **SYMONDS, Randall, R.**; 5504 N. Ramblewood, Peoria, IL 61615 (US). **PAUL, David, A.**; 808 Hampshire Road, Peoria, IL 61614 (US). **JACOBS, Scott**; 2403D North Pointe Drive, Bloomington, IL 61704 (US).

(74) **TANG, Wayne, L.** et al. / etc.; Mayer Brown & Platt, P.O. Box 2828, Chicago, IL 60690-2828 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16K 27/06**

(11) **WO 00/71917** (13) A1

(21) PCT/US00/13899

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,819 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VALVE INCLUDING VALVE ADAPTER AND STOP ASSEMBLY
• VANNE AVEC RACCORD DE VANNE ET ENSEMBLE D'ARRET

(71) **NORDSTROM VALVES, INC.** [US/US]; 1511 Jefferson Street, P.O. Box 501, Sulphur Springs, TX 75482 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHOWDHURY, Mizanul, H.** [BD/US]; 316 Radio Road, Sulphur Springs, TX 75482 (US).

(74) **BEATTY, David, D.** et al. / etc.; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG 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) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F16K 27/06**

(11) **WO 00/71918** (13) A1

(21) PCT/US00/13910

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,817 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VALVE WITH ROTATABLE VALVE MEMBER AND METHOD FOR FORMING SAME
• VANNE A ELEMENT DE VANNE TOURNANT ET PROCEDE DE REALISATION

(71) **NORDSTROM VALVES, INC.** [US/US]; 1511 Jefferson Street, P.O. Box 501, Sulphur Springs, TX 75482 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHOWDHURY, Mizanul, H.** [BD/US]; 316 Radio Road, Sulphur Springs, TX 75482 (US).

(74) **CANNON, James, R.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F16K 31/12**

(11) **WO 00/71919** (13) A1

(21) PCT/US00/11404

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/316,579 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUID FLOW AND PRESSURE CONTROL SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CONTROLE DE DEBIT ET DE PRESSION DE LIQUIDE

(71) **M-I L.L.C.** [US/US]; P.O. Box 42842, Houston, TX 77242-2842 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **CAIN, Claudia, R.** (executrix for the deceased inventor / exécutrice testamentaire pour l'inventeur décédé) [US/US]; 5851 Valley Forge, Houston, TX 77057 (US).
*(only for / seulement pour US)*

(72) **CAIN, Lester, L.** (deceased / décédé).

(72, 75) **SUTER, Roger** [US/US]; 17612 Copper Creek Drive, Edmond, OK 73003 (US).

(74) **KICE, Warren** et al. / etc.; Haynes & Boone, L.L.P., Suite 3100, 901 Main Street, Dallas, TX 75202-3789 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **F16L**

(11) **WO 00/71920** (13) A2

(21) PCT/EP00/03884

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) de (26) de

(30) 199 23 636.4 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SCREW CONNECTION
• RACCORD A VIS

(71) **MURRPLASTIK SYSTEM-TECHNIK GMBH** [DE/DE]; Fabrikstrasse 10, D-71567 Oppenweiler (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FUNK, Rainer** [DE/DE]; Fohlenweg 3, D-71543 Wüstenrot (DE). **EHMANN, Bruno** [DE/DE]; Nelkenweg 12, D-73563 Mögglingen (DE).

(74) **JECK, Anton**; Klingengasse 2, D-71665 Vaihingen/Enz (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16L**

(11) **WO 00/71921** (13) A2

(21) PCT/IB00/00709

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) en (26) en

(30) 60/131,492 **29 Apr/avr 1999** US **(29.04.1999)**

(30) 09/548,671 **13 Apr/avr 2000** US **(13.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BURRLESS CASTELLATION VIA PROCESS AND PRODUCT FOR PLASTIC CHIP CARRIER
• PROCEDE ET PRODUIT DESTINES A LA CREATION D'EVIDEMENTS METALLISES D'INTERCONNEXION POUR PORTE-PUCE PLASTIQUE

(71) **UNICAP ELECTRONICS INc. CORP.** [CN/CN]; 5, Kung-Yeh, 3rd Road, Ping Chen Industrial Zone, Ping Chen, Taoyuan Hsien, Taiwan (CN).

(72) **HUANG, Edward**; Unicap Electronics Inc. Corp., 5, Kung-Yeh, 3rd Road, Ping Chen Industrial Zone, Ping Chen, Taoyuan Hsien (CN). **MA, Jonny**; Unicap Electronics Inc. Corp., 5, Kung-Yeh, 3rd Road, Ping Chen Industrial Zone, Ping Chen, Taoyuan Hsien (CN). **CHEN, Scott**; Unicap Electronics Inc. Corp., 5, Kung-Yeh, 3rd Road, Ping Chen Industrial Zone, Ping Chen, Taoyuan Hsien (CN). **WU, Paul**; 20090 Edinburgh Drive, Saratoga, CA 95070 (US).

(74) **CHINA PATENT AGENT (H.K.) LTD.**; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

(81) AU BR CA CN JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F16L 17/06**

(11) **WO 00/71922** (13) A1

(21) PCT/US00/12885

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/134,243 **13 May/mai 1999** US **(13.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GASKET RETAINER CLIP
• BAGUE DE FIXATION POUR JOINT D'ETANCHEITE STATIQUE

(71) **GENERAL COMPONENTS, INC.** [US/US]; 8529 Grovemont Circle, Gaithersburg, MD 20877 (US).

(72) **CORBETT, Kevin**; Bristol (GB).

(74) **SHANNON, John, P.**; Venable, Baetjer, Howard & Civiletti LLP, Suite 1000, 1201 New York Avenue, N.W., Washington, DC 20005 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F16L 35/00**

(11) **WO 00/71923** (13) A1

(21) PCT/US00/14518

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,050 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HAND TOOL FOR DISCONNECTION OF COUPLINGS
• OUTIL A MAIN DE DEBRANCHEMENT DE RACCORDEMENTS

(71, 72) **SHOWALTER, David, Lee, Sr.** [US/US]; 3308 Ridge Road, Barboursville, VA 22923 (US). **KADY, Darren, J.** [US/US]; 5111 Stony Point Road, Barbousville, VA 22923 (US).

(74) **PARKER, Sheldon, H.**; Parker & DeStefano, P.C., Suite 300, 300 Preston Avenue, Charlottesville, VA 22902 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F16L 39/00, 37/12**

(11) **WO 00/71924** (13) A1

(21) PCT/FR00/01296

(22) **12 May/mai 2000 (12.05.2000)**

(25) fr (26) fr

(30) 99/06597 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIQUID DISTRIBUTION COLLECTOR MODULE AND FIXING SYSTEM FOR SAID MODULES
• MODULE POUR UN COLLECTEUR POUR DISTRIBUTION DE FLUIDE ET SYSTEME DE FIXATION POUR DE TELS MODULES

(71) **COMAP ABBEVILLE** [FR/FR]; 213, boulevard Voltaire, F-80100 Abbeville (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRUVRY, Michel** [FR/FR]; 70, La Ruellette, F-80132 Hautvilliers (FR). **DIDIER, Philippe** [FR/FR]; Appartement 17 - Entrée Boréal, 14, quai De La Pointe, F-80100 Abbeville (FR). **LEGER, Jacky** [FR/FR]; 14, rue De Lorraine, F-80132 Neuilly L'Hopital (FR).

(74) **MAUREAU, Philippe** et al. / etc.; Cabinet Germain et Maureau, BP 6153, F-69466 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F16L 59/06, 39/00**

(11) **WO 00/71925** (13) A1

(21) PCT/HU99/00039

(22) **19 May/mai 1999 (19.05.1999)**

(25) de (26) de

(43) 30 Nov/nov 2000 (30.11.2000)

(54) •

•

(71, 72) **BALOGH, Jenó** [HU/HU]; Orgona u. 6, H-1023 Budapest (HU). **BALOGH, Ákos** [HU/HU]; Orgona u. 6, H-1023 Budapest (HU).

(74) **KOVÁRI, György**; Advopatent Patentanwaltsbüro, Fó utca 19, H-1011 Budapest (HU).

(81) BG CA CN IS JP NO RO SI SK UA US YU.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F16N 7/30**

(11) **WO 00/71926** (13) A1

(21) PCT/US00/13263

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/316,637 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LUBRICATION SYSTEM WITH MODULATED DROPLET EMISSION

• SYSTEME DE LUBRIFICATION AVEC EMISSION MODULEE DE GOUTTELETTES

(71) **UNIWAVE, INC.** [US/US]; 75 Marine Street, Farmingdale, NY 11735 (US).

(74) **BONDELL, Jay, A.** et al. / etc.; Schweitzer Cornman Gross & Bondell LLP, Suite 2200, 230 Park Avenue, New York, NY 10169 (US).

(81) DE GB KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F21S 8/00, F21V 5/02, 7/22, 13/04 // F21W 131:40**

(11) **WO 00/71927** (13) A1

(21) PCT/EP00/03571

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) de (26) de

(30) 199 23 225.3 **20 May/mai 1999** DE **(20.05.1999)**

(30) 299 09 282.8 **27 May/mai 1999** DE **(27.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIGHT

• DISPOSITIF D'ECLAIRAGE

(71) **ZUMTOBEL STAFF GMBH** [AT/AT]; Schweizer Strasse 30, A-6851 Dornbirn (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEJKORA, Günther** [AT/AT]; Freien 809, A-6867 Schwarzenberg (AT). **ZUMTOBEL, Jürg** [DE/DE]; Bödelestrasse 8, A-6850 Dornbirn (AT).

(74) **SCHMIDT-EVERS, Jürgen**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (DE).

(81) AU CA JP NO NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F21V 5/02, 13/04, 8/00 // F21Y 103:00**

(11) **WO 00/71928** (13) A1

(21) PCT/DE00/01523

(22) **13 May/mai 2000 (13.05.2000)**

(25) de (26) de

(30) 199 23 264.4 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIGHTING DEVICE

• DISPOSITIF D'ECLAIRAGE

(71) **PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D-81543 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VOLLKOMMER, Frank** [DE/DE]; Neuriederstrasse 18, D-82131 Buchendorf (DE). **HITZSCHKE, Lothar** [DE/DE]; Theodor-Alt-Strasse 6, D-81737 München (DE).

(74) **PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D-80506 München (DE).

(81) CA CN IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F21V 5/02, 11/06, G02B 5/04**

(11) **WO 00/71929** (13) A1

(21) PCT/EP00/03570

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) de (26) de

(30) 199 23 225.3 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL ELEMENT FOR DEVIATING LIGHT RAYS AND METHOD FOR PRODUCING THE SAME

• ELEMENT OPTIQUE DESTINE A LA DEVIATION DE RAYONS LUMINEUX ET SON PROCEDE DE PRODUCTION

(71) **ZUMTOBEL STAFF GMBH** [AT/AT]; Schweizer Strasse 30, A-6851 Dornbirn (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEJKORA, Günther** [AT/AT]; Freien 809, A-6867 Schwarzenberg (AT). **BICKEL, Siegfried** [AT/AT]; Schützenstrasse 8, A-6845 Hohenems (AT).

(74) **SCHMIDT-EVERS, Jürgen**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (DE).

(81) AU CA CN JP KR MX NO NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F21V 7/04, 7/09, 7/22, F21S 8/02 // F21W 101:02**

(11) **WO 00/71930** (13) A1

(21) PCT/EP00/04186

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/315,706 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LUMINAIRE WITH LEDS

• LUMINAIRE A DIODES ELECTROLUMINESCENTES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MARSHALL, Thomas**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PASHLEY, Michael, D.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HERMAN, Stephen**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **MULDER, Cornelis, A., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F21V 19/02**

(11) **WO 00/71931** (13) A1

(21) PCT/US00/14284

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/320,186 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADJUSTABLE MOUNT FOR SEALED LIGHT SYSTEMS

• MONTAGE REGLABLE POUR FIXATION DE DISPOSITIF D'ECLAIRAGE SCELLEE

(71, 72) **HAGEN, Douglas, W.** [US/US]; B-K Lighting, Inc., 7595 N. Del Mar Avenue, Fresno, CA 93711 (US).

(74) **RYAN, Richard, A.**; 8455 N. Millbrook, Suite 110, Fresno, CA 93720 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F21V 31/03**

(11) **WO 00/71932** (13) A1

(21) PCT/US00/14285

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/320,187 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEALED LIGHT FIXTURE
• FIXATION DE DISPOSITIF D'ECLAIRAGE SCELLEE

(71, 72) **CASE, Patrick** [US/US]; B-K Lighting, Inc., 7595 N. Del Mar Avenue, Fresno, CA 93711 (US).

(74) **RYAN, Richard, A.**; Suite 110, 8455 N. Millbrook, Fresno, CA 93720 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F22B 7/00, F24H 1/44**

(11) **WO 00/71933** (13) A1

(21) PCT/US00/13629

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/316,257 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANNULAR TUBE HEAT EXCHANGER
• ECHANGEUR DE CHALEUR A TUBES ANNULAIRES

(71) **ARMSTRONG INTERNATIONAL, INC.** [US/US]; 4th floor, 2081 East Ocean Boulevard, Stuart, FL 34996 (US).

(72) **SCHLESCH, Ronald, D.**; 915 Elm Street, Three Rivers, MI 49093 (US). **GAINES, Michael, H.**; 8033 PQ Avenue, Kalamazoo, MI 49009 (US).

(74) **GILLESPIE, Ted, C.**; Macmillan, Sobanski & Todd, LLC, One Maritime Plaza, 4th floor, 720 Water Street, Toledo OH 43604 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F23G 5/027, 5/00, 5/44**

(11) **WO 00/71934** (13) A1

(21) PCT/EP00/04743

(22) **23 May/mai 2000 (23.05.2000)**

(25) de (26) de

(30) 199 25 011.1 **25 May/mai 1999 (25.05.1999)** DE

(30) 100 27 200.2 **23 May/mai 2000 (23.05.2000)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR THERMALLY DISPOSING OF FRACTIONS HAVING A HIGH CALORIFIC VALUE AND CONTAINED IN REFUSE IN FOSSIL-FIRED POWER PLANTS
• PROCEDE D'ELIMINATION THERMIQUE DE FRACTIONS A GRAND POUVOIR CALORIFIQUE CONTENUES DANS DES DECHETS DANS DES CENTRALES FONCTIONNANT AVEC UN COMBUSTIBLE FOSSILE

(71) **VEAG VEREINIGTE ENERGIEWERKE AG** [DE/DE]; Chausseestrasse 23, D-10115 Berlin (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUBSLAFF, Eckhard** [DE/DE]; Sonnenlandstr. 6, D-14471 Potsdam (DE). **SANDER, Hans-Joachim** [DE/DE]; Goldlackweg 5, D-06118 Halle (DE). **WITT, Detlef** [DE/DE]; Altmarkt 28, D-03046 Cottbus (DE). **HINZE, Bernhard** [DE/DE]; An der Fohlenweide 3, D-39261 Zerbst (DE). **PETER, Ralf** [DE/DE]; Kastanienweg 13, D-03058 Klein Döbbern (DE).

(74) **VEAG VEREINIGTE ENERGIEWERKE AG**; Konradowitz, Torsten, Chausseestrasse 23, D-10115 Berlin (DE).

(81) CA CU CZ MX NO PL US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F23G 5/50, F23N 5/00**

(11) **WO 00/71935** (13) A1

(21) PCT/EP00/04254

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 23 059.5 **20 May/mai 1999 (20.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR REGULATING A COMBUSTION PROCESS
• PROCEDE POUR REGULER UN PROCESSUS DE COMBUSTION

(71) **STEAG ENCOTEC GMBH** [DE/DE]; Rüttenscheider Strasse 1-3, D-45128 Essen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BENESCH, Wolfgang** [DE/DE]; Weidenhagen 34, D-44869 Bochum (DE). **FRANKE, Wolfgang** [DE/DE]; Börster Weg 94, D-45657 Recklinghausen (DE).

(81) BR CA CN IN JP PL TR UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F23K 3/00, B01J 20/02**

(11) **WO 00/71936** (13) A1

(21) PCT/US00/14444

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,855 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RAPID ACTIVATION METHOD, PROCESS, AND APPARATUS FOR MAKING PELLETIZED ACTIVATED CARBON FROM CARBONACEOUS WASTES
• PROCEDE, METHODE ET APPAREIL D'ACTIVATION RAPIDE PERMETTANT DE FABRIQUER DU CHARBON ACTIF EN BOULETTES A PARTIR DE DECHETS CARBONES

(71) **MBR TECHNOLOGIES, INC.** [US/US]; 51 Clover Lane, Princeton, NJ 08540 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEN-REUVEN, Moshe** [US/US]; 51 Clover Lane, Princeton, NJ 08540 (US). **TEWARI, Sant, S.** [IN/US]; 57 South Main Street, Stockton, NJ 08559 (US).

(74) **NISSIM, Stuart, H.** et al. / etc.; Woodbridge & Associates, P.C., P.O. Box 592, Princeton, NJ 08542-0592 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F23N 5/18, 5/02, F23B 5/02, F23C 9/00, F23G 5/00, 5/44, F23K 3/08, F23H 17/00, F23J 1/00, 11/00, F23K 3/00**

(11) **WO 00/71937** (13) A1

(21) PCT/US00/13791

(22) **20 May/mai 2000 (20.05.2000)**

(25) en (26) en

(30) 60/135,527 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED MASS FUEL COMBUSTION SYSTEM
• SYSTEME DE COMBUSTION DE CARBURANT AMELIORE

(71, 72) **BARLOW, James, L.** [US/US]; 5625 Cornerstone Drive, Fort Collins, CO 80528 (US).

(74) **SANTANGELO, Luke**; Santangelo Law Offices, P.C., Third floor, 125 South Howes, Fort Collins, CO 80521 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F23Q 2/16**

(11) **WO 00/71938** (13) A1

(21) PCT/US00/11405

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/316,662 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IGNITER
• ALLUMEUR

(71) **DURAFLAME, INC.** [US/US]; 2894 Monte Diablo, Stockton, CA 95203 (US).

(72) **STEIN, Matthew**; 10591 Belford Place, Truckee, CA 96161 (US).

(74) **MOK, Louis, A.** et al. / etc.; Hogan & Hartson L.L.P., Biltmore Tower, Suite 1900, 500 South Grand Avenue, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F23Q 2/32, A24F 15/18**

(11) **WO 00/71939** (13) A1

(21) PCT/DE00/00527

(22) **18 Feb/fév 2000 (18.02.2000)**

(25) de (26) de

(30) 299 09 074.4 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIGHTER
• BRIQUET

(71, 72) **KISCHITZKI, Bodo** [DE/DE]; Matterhornstrasse 64, D-14129 Berlin (DE).

(74) **WABLAT, Wolfgang**; Potsdamer Chaussee 48, D-14129 Berlin (DE).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F24D 3/16**

(11) **WO 00/71940** (13) A1

(21) PCT/CH00/00239

(22) **1 May/mai 2000 (01.05.2000)**

(25) de (26) de

(30) 949/99 **21 May/mai 1999** CH **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CEILING ELEMENT FOR A HEATING AND COOLING CEILING AND A METHOD FOR PRODUCING THE SAME
• ELEMENT DE PLAFOND POUR UN PLAFOND CHAUFFANT ET RAFRAICHISSENT, ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) **BARCOL-AIR AG** [CH/CH]; Grundstrasse 16b, CH-8712 Stäfa (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHÖNBÄCHLER, Beat** [CH/CH]; Breukholzstrasse 1, CH-8841 Gross (CH).

(74) **WAGNER, Wolfgang, H.**; Zimmerli, Wagner & Partner AG, Löwenstrasse 19, CH-8001 Zürich (CH).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F24F 1/00, 3/00, 7/00**

(11) **WO 00/71941** (13) A1

(21) PCT/FI00/00452

(22) **19 May/mai 2000 (19.05.2000)**

(25) fi (26) en

(30) 991150 **20 May/mai 1999** FI **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUPPLY AIR SYSTEM
• SYSTEME D'ALIMENTATION EN AIR

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEIMU, Juha** [FI/FI]; Tiilentekijänkatu 9 C as. 3, FIN-20810 Turku (FI).

(74) **TURUN PATENTTITOIMISTO OY**; P.O. Box 99, FIN-20521 Turku (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **F24J 2/38**

(11) **WO 00/71942** (13) A1

(21) PCT/CN00/00049

(22) **10 Mar/mar 2000 (10.03.2000)**

(25) zh (26) zh

(30) 99 1 14216.0 **19 May/mai 1999** CN **(19.05.1999)**

(30) 99 1 14530.5 **5 Nov/nov 1999** CN **(05.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SOLAR TRACING SENSOR AND APPLICATION THEREOF IN SOLAR AUTO-TRACING DEVICE
• CAPTEUR DU TRACE DES RAYONS DU SOLEIL ET SON UTILISATION DANS UN DISPOSITIF DE TRACE AUTOMATIQUE DES RAYONS DU SOLEIL

(71, 72) **ZHANG, Yaoming** [CN/CN]; Nanjing Fiber Glass Research and Design Institute, No.30 Andeli, West Yuhua Road, Nanjing 210012 (CN).

(74) **BEIJING SANYOU PATENT AGENCY CO. LTD.**; NO.40 North Sanhuanzhonglu, Beijing 100088 (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F25B 15/00**

(11) **WO 00/71943** (13) A1

(21) PCT/CN00/00016

(22) **25 Jan/jan 2000 (25.01.2000)**

(25) zh (26) zh

(30) 99 1 15377.4 **21 May/mai 1999** CN **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMBINED PUMP SYSTEM
• SYSTEME A POMPES A ECRAN LIQUIDE QUE L'ON PEUT REINSTALLER

(71, 72) **ZHANG, Yue** [CN/CN]; Yuandasanlu Road, Yuandacheng, Changsha Hunan 410138 (CN).

(74) **BEIJING SANYOU PATENT AGENCY CO., LTD**; 40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F25B 27/02, 30/02, F02C 6/18, F01K 25/14**

(11) **WO 00/71944** (13) A1

(21) PCT/AU00/00469

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) PQ 0475 **20 May/mai 1999** AU **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SEMI SELF SUSTAINING THERMO-VOLUMETRIC MOTOR
• MOTEUR THERMO-VOLUMETRIQUE SEMI-AUTONOME

(71) **THERMAL ENERGY ACCUMULATOR PRODUCTS PTY LTD** [AU/AU]; Unit 4, 28 Collingwood Street, Osborne Park, Western Australia 6017 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TRINH, Danh, Thanh** [AU/AU]; 9 Northampton Street, East Victoria Park, Western Australia 6101 (AU). **SOLOMON, Terry, Howard** [AU/AU]; 138 Swan Street, Guildford, Western Australia 6055 (AU). **SOLOMON, Kester, Howard** [AU/AU]; 9/86 Marine Parade, Cottesloe, Western Australia 6011 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F25C 5/04, F25D 17/02**

(11) **WO 00/71945** (13) A1

(21) PCT/FR00/01405

(22) **23 May/mai 2000 (23.05.2000)**

(25) fr (26) fr

(30) 99/06559 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR REMOVING ICE CRYSTALS IN A HEAT EXCHANGER GENERATING A DIPHASIC LIQUID-SOLID REFRIGERANT
• PROCEDE POUR DETACHER LES CRISTAUX DE GLACE D'UN ECHANGEUR THERMIQUE GENERATEUR D'UN FRIGOPORTEUR DIPHASIQUE LIQUIDE-SOLIDE

(71, 72) **BARTH, Michel** [FR/FR]; 23, rue F. Couperin, F-78370 Plaisir (FR).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F25D**

(11) **WO 00/71946** (13) A2

(21) PCT/US00/14005

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,063 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED PRE-PRODUCT MIX COOLING FOR A SEMI-FROZEN FOOD DISPENSING MACHINE
• REFROIDISSEMENT AMELIORE DE MELANGE DE PRODUIT DE DEPART DESTINE A UNE MACHINE DE DISTRIBUTION D'ALIMENTS SEMI-CONGELES

(71) **SPECIALTY EQUIPMENT COMPANIES, INC.** [US/US]; 1245 Corporate Blvd., Suite 401, Aurora, IL 60504 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUNCAN, David, C.** [US/US]; 2121 County Road, #143, Clearwater, MN 55320 (US). **SCHWITTERS, Stephen, W.** [US/US]; 1128 Marigold Circle, Rockford, IL 61107 (US).

(74) **DICK, William, J.**; Foley & Lardner, 777 East Wisconsin Avenue, 33rd floor, Milwaukee, WI 53202-5367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F25D 17/00**

(11) **WO 00/71947** (13) A1

(21) PCT/US00/14551

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 09/318,937 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED CONTROL SYSTEM FOR A REFRIGERATOR WITH TWO EVAPORATING TEMPERATURES
• SYSTEME DE COMMANDE AMELIOREE POUR REFRIGERATEUR AVEC DEUX TEMPERATURES D'EVAPORATION

(71) **WORK SMART ENERGY ENTERPRISES, INC.** [US/US]; 2948 Macomb Street, N.W., Washington, DC 20008 (US).

(72) **KOPKO, William, L.**; 8705 Cromwell Drive, Springfield, VA 22151 (US).

(74) **DELUCA, Vincent, M.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, Suite 701 East, 555 13th Street, Columbia Square, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F25D 19/00**

(11) **WO 00/71948** (13) A1

(21) PCT/US00/13747

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,726 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIPLE-DOSE, FLUSH-THROUGH INJECTOR
• INJECTEUR MULTI-DOSES PERMETTANT AU LIQUIDE DE CIRCULER

(71) **PRIME SOLUTIONS, LLC** [US/US]; 1738 Maplelawn Drive, Troy, MI 48048 (US).

(72) **KNOWLES, Steven, M.**; 13520 N. 700 W., Silver Lake, IN 46982 (US). **KALLEY, Terrence, D.**; 2657 Valleyview Drive, Troy, MI 48084 (US).

(74) **FOX, Harold, H.** et al. / etc.; Fish & Richardson P.C., 601 Thirteenth Street N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **F25D 23/06, B29C 44/12, E04C 2/284, 2/296**

(11) **WO 00/71949** (13) A1

(21) PCT/EP00/04353

(22) **15 May/mai 2000 (15.05.2000)**

(25) de (26) de

(30) 199 23 382.9 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HEAT-INSULATION WALL
• PAROI CALORIFUGE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, D-81669 München (DE).

(72) **WENNING, Udo**; Köflacher Str. 17, D-89537 Giengen/Brenz (DE). **STEGMAIER, Hermann**; Wiesenstr. 9, D-73580 Böbingen/Rems (DE).

(81) BR CN TR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F25D 23/06, 31/00, A47F 3/04, A47J 39/02**

(11) **WO 00/71950** (13) A1

(21) PCT/US00/14241

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/136,012 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HOT AND COLD FOOD STORAGE AND DISPLAY APPARATUS AND METHOD OF MANUFACTURE
• APPAREIL DE PRESENTATION ET DE STOCKAGE D'ALIMENTS CHAUDS ET FROIDS ET PROCEDE DE FABRICATION

(71) **LOAD KING MANUFACTURING CO.** [US/US]; P.O. Box 40606, Jacksonville, FL 32203 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FINEGAN, Dennis, E.** [US/US]; 1816 Oak Park Circle, Green Cove Springs, FL 32043 (US). **VASHISHTA, Nitish** [US/US]; 2402 Don Quixote Circle, Jacksonville, FL 32250 (US). **LAUER, Timothy, G.** [US/US]; 2943 Oak Road, Orange Park, FL 32065 (US). **HODGES, Franklin, D.** [US/US]; 3767 Hermitage Road East, Jacksonville, FL 32277 (US).

(74) **NAPOLITANO, Carl, M.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 So. Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F25J 1/00, 3/06, 3/08**

(11) **WO 00/71951** (13) A1

(21) PCT/EP00/04080

(22) **6 May/mai 2000 (06.05.2000)**

(25) de (26) de

(30) 199 23 640.2 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR LIQUEFYING NATURAL GAS
• PROCEDE ET DISPOSITIF DE LIQUEFACTION DE GAZ NATUREL

(71) **MESSER GRIESHEIM GMBH** [DE/DE]; Frankfurt Airport Center 1, C9, Hugo-Eckener-Ring, D-60547 Frankfurt (DE).

(72) **SPRICKMANN-KERKERINCK, Stefan**; Tizianstrasse 7, D-41539 Dormagen (DE). **GUEDELHOEFER, Hans-Juergen**; Weserstrasse 26, D-41540 Dormagen (DE). **KESTEN, Martin**; Rothenbacher Weg 12b, D-51503 Roesrath (DE). **HERZOG, Friedhelm**; Lessingstrasse 57, D-47799 Krefeld (DE). **LUERKEN, Franz**; Huelser Weg 12d, D-47906 Kempen (DE).

(81) CN MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F25J 1/00**

(11) **WO 00/71952** (13) A1

(21) PCT/US00/14906

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/135,969 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEPHLEGMATOR PROCESS WITH LIQUID ADDITIVE
• PROCEDE DEFLEGMATEUR A ADDITIF LIQUIDE

(71) **CHART INC.** [US/US]; 5885 Landerbrook Drive, Suite 150, Mayfield Heights, OH 44124 (US).

(72) **O'BRIEN, John, V.**; 6 Olde Colony Drive, Shrewsbury, MA 01545 (US).

(74) **CROWLEY, Richard, P.**; 901 Main Street, Post Office Box 901, Osterville, MA 02655-0901 (US).

(81) CA MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F27B 3/19, B22D 41/60, 41/24, 41/26, F27D 3/15, C21C 5/46**

(11) **WO 00/71953** (13) A1

(21) PCT/DE00/01469

(22) **8 May/mai 2000 (08.05.2000)**

(25) de (26) de

(30) 199 23 800.6 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR HOLDING AND TAPPING MOLTEN METALS
• PROCEDE ET DISPOSITIF POUR CONTENIR ET SOUTIRER DU METAL EN FUSION

(71) **SMS DEMAG AG** [DE/DE]; Eduard-Schloemann-Str. 4, D-40237 Düsseldorf (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MEIERLING, Peter** [DE/DE]; Im Grund 95, D-40474 Düsseldorf (DE). **ESPENDILLER, Bernhard** [DE/DE]; Albert-Schweizer-Ring 7, D-48249 Dülmen (DE).

(74) **MEISSNER, P., E.** et al. / etc.; Meissner & Meissner, Hohenzollerndamm 89, D-14199 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F27B 9/02, 9/14, C21D 9/00**

(11) **WO 00/71954** (13) A1

(21) PCT/IB00/00684

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,847 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANNEALING FURNACE
• FOUR A RECUIT

(71) **DANIELI TECHNOLOGY, INC.** [US/US]; 800 Cranberry Woods Drive, Cranberry Township, PA 16066 (US).

(72) **BENEDETTI, Gianpietro**; Strada degli Aceri, 32, I-33030 Campoformido (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F27D 3/00, C21C 7/10**

(11) **WO 00/71955** (13) A1

(21) PCT/EP00/04485

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 205.9 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR THE TREATMENT OF LIQUID METALS
• PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE METAUX LIQUIDES

(71) **SMS MEVAC GMBH** [DE/DE]; Bamler Strasse 3a, D-45141 Essen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TEWORTE, Rainer** [DE/DE]; Auf dem Tummelplatz 22, D-58239 Schwerte (DE). **RAPPEN, Thomas** [DE/DE]; Wiescher Strasse 190, D-44625 Herne (DE). **WAHLE, Hans-Jürgen** [DE/DE]; Vormbrockweg 27, D-44149 Dortmund (DE).

(74) **KÖNIG, Reimar** et al. / etc.; Lohengrinstrasse 11, D-40549 Düsseldorf (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F28D 1/02, F28F 3/08**

(11) **WO 00/71956** (13) A1

(21) PCT/US00/13640

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,202 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WIND TUNNEL AND HEAT EXCHANGER THEREFOR
• SOUFFLERIE ET ECHANGEUR DE CHALEUR ASSOCIE

(71) **AERO SYSTEMS ENGINEERING, INC.** [US/US]; 358 East Fillmore Avenue, St. Paul, MN 55107-1289 (US).

(72) **MOLL, Thomas, G.**; 3301 81st Avenue North, Brooklyn Park, MN 55443 (US). **JAUCH, Carl, E.**; 5947 Highview Place, Shoreview, MN 55126 (US). **MARKSBERRY, C., Lynn**; 509 Kingsview Lane, Plymouth, MN 55447 (US).

(74) **FRONEK, David, N.** et al. / etc.; Dorsey & Whitney LLP, Pillsbury Center South, 220 South Sixth Street, Minneapolis, MN 55402-1498 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F28F 13/16**

(11) **WO 00/71957** (13) A1

(21) PCT/US00/14052

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,420 **21 May/mai 1999 (21.05.1999)** US

(30) 09/574,007 **19 May/mai 2000 (19.05.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTROHYDRODYNAMIC INDUCTION PUMPING THERMAL ENERGY TRANSFER SYSTEM AND METHOD
• PROCEDE ET SYSTEME DE TRANSFERT D'ENERGIE PAR POMPAGE A INDUCTION ELECTROHYDRODYNAMIQUE

(71) **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; 310 Wisenbaker Engineering Center, College Station, TX 77843-3369 (US).

(72) **SEYED-YAGOOBI, Jamal**; 8411 Wildewood, College Station, TX 77845-4061 (US). **WAWZYNIAK, Markus**; Unterlaender Strasse 51 a, D-70435 Stuttgart (DE).

(74) **BAUDINO, James, L.**; Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F28G 9/00**

(11) **WO 00/71958** (13) A1

(21) PCT/EP00/04288

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 23 200.8 **20 May/mai 1999 (20.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR CLEANING HEAT-EXCHANGING SURFACES OF A CIRCULATORY REGENERATIVE HEAT EXCHANGER
• PROCEDE ET DISPOSITIF DE NETTOYAGE DES SURFACES D'ECHANGE THERMIQUE D'UN ECHANGEUR THERMIQUE A REGENERATION ROTATIF

(71) **ABB PATENT GMBH** [DE/DE]; Kallstadter Str. 1, D-68309 Mannheim (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÜLLER-ODENWALD, Hermann** [DE/DE]; L 13, 8, D-68161 Mannheim (DE). **FRAUENFELD, Martin** [DE/DE]; Mühltalstr. 18, D-69121 Heildelberg (DE). **DEMUTH, Josef** [DE/DE]; Zenterner Str. 15, D-76669 Bad Schönborn (DE).

(74) **MILLER, Toivo** et al. / etc.; ABB Patent GmbH, Postfach 10 03 51, D-68128 Mannheim (DE).

(81) AU BR CA CN ID IN JP KR MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **F28G 9/00**

(11) **WO 00/71959** (13) A1

(21) PCT/US00/13781

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,063 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND A METHOD FOR CLEAN-IN-PLACE FOR A SEMI-FROZEN FOOD DISPENSING MACHINE
• APPAREIL ET PROCEDE DE NETTOYAGE SUR PLACE D'UN DISTRIBUTEUR D'ALIMENTS SEMI-CONGELES

(71) **SPECIALTY EQUIPMENT COMPANIES, INC.** [US/US]; Suite 401, 1245 Corporate Boulevard, Aurora, IL 60504 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BECK, Norman, L.** [US/US]; 626 E. Warren Street, Rockton, IL 61072 (US). **BOYER, George, C.** [US/US]; 1242 Aldrin Road, Rockton, IL 61072 (US). **DUNCAN, David, C.** [US/US]; 2121 County Road #143, Clearwater, MN 55320 (US). **MRUGALA, Ronald, J.** [US/US]; 3135 Talbot Trail, Rockford, IL 61111 (US).

(74) **DICK, William, J.**; Foley & Lardner, 33rd Floor, 777 East Wisconsin Avenue, Milwaukee, WI 53202-5367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F41A**

(11) **WO 00/71960** (13) A2

(21) PCT/US00/11560

(22) **26 Apr/avr 2000 (26.04.2000)**

(25) en (26) en

(30) 09/312,205 **14 May/mai 1999 (14.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FIREARM BARREL HAVING PROTECTIVE SLEEVE
• CANON D'ARME A FEU PRESENTANT UNE GAINE PROTECTRICE

(71) **MICHAELS OF OREGON CO.** [US/US]; P.O. Box 1690, Oregon City, OR 97045 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUSTON, Robert** [US/US]; 19455 Meadowview Drive, McMinnville, OR 97128 (US).

(74) **DEKOCK, Bruce, W.** et al. / etc.; Chernoff, Vilhauer, McClung & Stenzel, LLP, Suite 1600, 601 S.W. Second Avenue, Portland, OR 97204 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F41A 9/24, 9/38**

(11) **WO 00/71961** (13) A1

(21) PCT/EP00/03567

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) de (26) de

(30) 19923513.9 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOADING DEVICE FOR A FIRE ARM AND FIRE ARM WITH SAID LOADING DEVICE
• DISPOSITIF DE CHARGEMENT D'UNE ARME A FEU ET ARME A FEU

(71) **RÄDLINGER MASCHINEN- UND ANLAGENBAU GMBH** [DE/DE]; Kammerdorfer Strasse 16, D-93413 Cham-Windischbergerdorf (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RÄDLINGER, Peter** [DE/DE]; Kammerdorfer Str. 16, D-93413 Cham-Windischbergerdorf (DE).

(74) **WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE PARTNERSCHAFT PATENT- UND RECHTSANWALTSKANZLEI (ZUSAM**; Alois-steinecker-strasse 22, D-85354 Freising (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F41A 17/00**

(11) **WO 00/71962** (13) A1

(21) PCT/US00/14377

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,930 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SAFETY DEVICE FOR FIREARMS
• DISPOSITIF DE SECURITE POUR ARMES A FEU

(71, 72) **AUDINO, Allan, E.** [US/US]; 11 Austin Avenue, Apt. C, Smithfield, RI 02828 (US).

(74) **McLANE, Jodi-Ann** et al. / etc.; Salter & Michaelson, 321 South Main Street, Providence, RI 02903-7128 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F41A 21/10, 21/08, F41G 1/28, 1/387**

(11) **WO 00/71963** (13) A1

(21) PCT/EP00/04444

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 474.4 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADJUSTING DEVICE FOR A FIREARM SYSTEM
• DISPOSITIF DE REGLAGE POUR UN SYSTEME D'ARME A FEU

(71) **HECKLER & KOCH GMBH** [DE/DE]; Alte Steige 7, D-78727 Oberndorf/Neckar (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MURELLO, Johannes** [DE/DE]; Hessestrasse 20, D-78652 Deisslingen (DE).

(74) **VON SAMSON-HIMMELSTJERNA, Friedrich, R.** et al. / etc.; Samson & Partner, Widenmayerstrasse 5, D-80538 München (DE).

(81) CA KR US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **F41H 11/14**

(11) **WO 00/71964** (13) A1

(21) PCT/US00/13105

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/133,985 **13 May/mai 1999** US **(13.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MINE CLEARING DEVICE
• DISPOSITIF DE DEMINAGE

(71) **BRISANT TECHNOLOGIES INTERNATIONAL LLC** [US/US]; 800 Washington Avenue North, Suite 105, Minneapolis, MN 55401 (US).

(72) **BROWN, James, M.**; 35633 - 250th Street, Henderson, MN 56044 (US). **BROWN, Michael, T.**; 5391 Raymond Avenue, Moundsview, MN 55112 (US). **MANDERS, Stephen**; 4119 Cashel Glen, Eagan, MN 55122 (US).

(74) **THUENTE, John, F.** et al. / etc.; Patterson & Keough, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **F42B**

(11) **WO 00/71965** (13) A2

(21) PCT/US00/12400

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 60/132,555 **5 May/mai 1999** US **(05.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NON-LETHAL BALLISTIC
• PROJECTILE NON LETAL

(71) **LAW ENFORCEMENT TECHNOLOGIES, INC.** [US/US]; 6 San Juan Trail, Corrales, NM 87048 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MACALEESE, Gregory, B.** [US/US]; 6 San Juan Trail, Corrales, NM 87048 (US). **BALDWIN, Charles, C., II** [US/US]; 3305 Calle Cuervo Northwest #1316, Albuquerque, NM 87114 (US).

(74) **MYERS, Jeffrey, D.**; Peacock, Myers & Adams, P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **F42B**

(11) **WO 00/71966** (13) A2

(21) PCT/US00/13937

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,866 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FRAGMENTED TAGGANT CODING SYSTEM AND METHOD WITH APPLICATION TO AMMUNITION TAGGING
• SYSTEME DE CODAGE A L'AIDE DE TRACEUR FRAGMENTE, PROCEDE ASSOCIE ET APPLICATION AU MARQUAGE DE MUNITIONS

(71, 72) **WELLE, Richard, P.** [US/US]; 16351 Grenoble Lane, Huntington Beach, CA 92649 (US).

(74) **HOKANSON, Jon, E.** et al. / etc.; Small Larkin, LLP, 18th Floor, 10940 Wilshire Boulevard, Los Angeles, CA 90024 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **F42B 12/54**

(11) **WO 00/71967** (13) A1

(21) PCT/GB00/01973

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 9912070.1 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROJECTILE FOR DELIVERY OF A TRANQUILLISER
• PROJECTILE SERVANT A L'ADMINISTRATION D'UN TRANQUILLISANT

(71, 72) **BRYDGES-PRICE, Richard, Ian** [GB/GB]; Newton of Stracathro, By Brechin, Angus, Tayside DD9 7QQ (GB).

(74) **KING, James, Bertram**; Kings Patent Agency Limited, 73 Farringdon Road, London, Greater London EC1M 3JQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01B 9/02**

(11) **WO 00/71968** (13) A1

(21) PCT/US00/14075

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,569 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE AND METHOD FOR OPTICAL PATH LENGTH MEASUREMENT
• DISPOSITIF ET PROCEDE DE MESURE DE CHEMIN OPTIQUE

(71) **BRIMROSE CORPORATION OF AMERICA** [US/US]; 7720 Belair Road, Baltimore, MD 21236 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **WANG, Chen-Chia** [—/US]; 7720 Belair Road, Baltimore, MD 21236 (US). **TRIVEDI, Sudhir** [US/US]; 7720 Belair Road, Baltimore, MD 21236 (US). **KHURGIN, Jacob, B.** [—/US]; 7 Stablemere Court, Baltimore, MD 21209 (US).

(74) **OPPENHEIMER, Max, Stul**; P.O. Box 50, Stevenson, MD 21153 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01B 11/00**

(11) **WO 00/71969** (13) A2

(21) PCT/IT00/00210

(22) **19 May/mai 2000 (19.05.2000)**

(25) it (26) en

(30) TS99U000008 **24 May/mai 1999** IT **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DUST REMOVAL AND ANTI-SHOCK PROTECTION DEVICE FOR OPTICAL GAUGES
• DISPOSITIF DE PROTECTION ET ANTI-POUSSIERE POUR ETALONS OPTIQUES

(71) **AEROEL S.R.L.** [IT/IT]; Via Cussignacco, 47 - Z.I., I-33040 Pradamano (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SPIZZAMIGLIO, Antonio** [IT/IT]; Via Casali Caeselli, 16/A, Fraz. Lumignacco, I-33050 Pavia di Udine (IT).

(74) **BOSCHIN, Adriano**; Studio Tecnico S.A.I. S.a.s., Via Imbriani, 2, I-34122 Trieste (IT).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01B 11/00, G01C 15/00, G01S 17/46**

(11) **WO 00/71970** (13) A1

(21) PCT/US00/14570

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/320,357 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PORTABLE LASER SCANNER
• LECTEUR LASER PORTABLE

(71) **HAND HELD PRODUCTS, INC.** [US/US]; Suite 100, 7510 East Independence Boulevard, Charlotte, NC 28227 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OBER, Lawrence, Richard** [US/US]; 14544 Limestone Lane, Pineville, NC 28134 (US). **ORR, Raymond, Andrew** [US/US]; 33 Bayberry Lane, West Port, CT 06880-4026 (US).

(74) **MCCOY, Michael, D.** et al. / etc.; Alston & Bird LLp, P.O. Drawer 34009, Charlotte, NC 28234-4009 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01B 11/06, G01N 21/47, B24B 37/04**

(11) **WO 00/71971** (13) A1

(21) PCT/US00/14386

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,697 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/577,795 **24 May/mai 2000** US **(24.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL TECHNIQUES FOR MEASURING LAYER THICKNESSES
• TECHNIQUES OPTIQUES DE MESURE D'EPAISSEURS DE COUCHE

(71) **LUXTRON CORPORATION** [US/US]; 2775 Northwestern Parkway, Santa Clara, CA 95051 (US).

(72) **SCHIETINGER, Charles, W.**; 100 SE Harney Street, Portland, OR 97202 (US).

**HOANG, Ahn, N.**; 6842 Burnside Drive, San Jose, CA 95120 (US). **BAKIN, Dimitry, V.**; 7119 Via Romera, San Jose, CA 95139 (US).

(74) **PARSONS, Gerald, P.** et al. / etc.; Majestic, Parsons, Siebert & Hsue P.C., Suite 1100, Four Embarcadero Center, San Francisco, CA 94111-4106 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01B 11/275**

(11) **WO 00/71972** (13) A1

(21) PCT/IB00/00648

(22) **15 May/mai 2000 (15.05.2000)**

(25) it (26) en

(30) MI99A001103 **19 May/mai 1999** IT **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MEASURING ANGLES OF WHEELS USING TRANSITION POINTS OF REFLECTED LASER LINES
• MESURE DES ANGLES DE ROUES UTILISANT LES POINTS DE TRANSITION DE RAYONS LASERS REFLECHIS

(71) **GIEFFE IMMOBILIARE S.N.C. DI GIANFRANCO CROSTA & C.** [IT/IT]; Vicolo S. Michele, 11, I-21100 Varese (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COLOMBO, Flavio** [IT/IT]; Via Aleardi, 1, I-21013 Gallarate (IT). **RATTI, Alessandro** [IT/IT]; Via Varesina, 140, I-20200 Como (IT).

(74) **FAGGIONI, Giovanmaria** et al. / etc.; Fumero Studio Consulenza Brevetti S.n.c., Via S. Agnese, 12, I-20123 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01B 21/00**

(11) **WO 00/71973** (13) A1

(21) PCT/US00/13994

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/317,911 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PIPE-BENDING ALIGNMENT DEVICE
• DISPOSITIF D'ALIGNEMENT POUR CINTRAGE DE TUYAUX

(71, 72) **GODIN, Jeffrey, L.** [US/US]; 10 Pleasant Hill Drive, Waterville, ME 04901 (US).

(74) **CASEIRO, Chris, A.**; Pierce Atwood, One Monument Square, Portland, ME 04101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **G01C 21/00, G08G 1/0969**

(11) **WO 00/71974** (13) A1

(21) PCT/JP99/02620

(22) **19 May/mai 1999 (19.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTOMOBILE NAVIGATION SYSTEM
• DISPOSITIF DE NAVIGATION AUTOMOBILE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoka-ku, Tokyo 100-8310 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **UCHIGAKI, Yuichiro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7th Floor, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **G01C 21/00**

(11) **WO 00/71975** (13) A1

(21) PCT/JP99/02748

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NAVIGATION DEVICE
• DISPOSITIF DE NAVIGATION

(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) **IRIE, Takashi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **NORIMOTO, Masatsugu** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CA CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01C 21/00, G08G 1/09, 1/0969**

(11) **WO 00/71976** (13) A1

(21) PCT/JP00/03229

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/142253 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ON-VEHICLE NAVIGATION DEVICE
• DISPOSITIF DE NAVIGATION EMBARQUE

(71) **KABUSHIKI KAISHA KENWOOD** [JP/JP]; 14-6, Dougenzaka 1-chome, Shibuya-ku, Tokyo 150-8501 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TOMIZAWA, Katsumi** [JP/JP]; 2-24-15, Sazu-machi, Chofu-shi, Tokyo 182-0016 (JP). **ISHIYAMA, Koji** [JP/JP]; Room 201, 1-6-6, Nakai, Shinjuku-ku, Tokyo 161-0035 (JP).

(74) **OKABE, Masao** et al. / etc.; Fiji Building, N°. 602, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01D 5/20, G01B 7/02**

(11) **WO 00/71977** (13) A1

(21) PCT/SE00/00983

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901876-4 **24 May/mai 1999** SE **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR POSITION DETECTION
• PROCEDE ET DISPOSITIF DE DETECTION

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAX, Erland** [SE/SE]; Norra Vaktmansgatan 31, S-426 68 Västra Frölunda (SE).

(74) **ANDERSSON, Per** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01D 11/24, G01L 19/14**

(11) **WO 00/71978** (13) A1

(21) PCT/DE00/01686

(22) **25 May/mai 2000 (25.05.2000)**

(25) de (26) de

(30) 199 23 985.1 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SENSOR MODULE WITH A HOUSING THAT CAN BE MOUNTED ON A WALL
• COMPOSANT DETECTEUR DOTE D'UN BOITIER POUVANT ETRE FIXE A UNE PAROI

(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) **DIRMEYER, Josef** [DE/DE]; Waldstrasse 9, D-92439 Bodenwöhr (DE). **GRUBER, Robert** [DE/DE]; Erzgebirgstrasse 5, D-93057 Regensburg (DE). **SCHMIDT, Harald** [DE/DE]; Augustenstrasse 19, D-93049 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01F 1/84, G01N 9/00**

(11) **WO 00/71979** (13) A1

(21) PCT/GB00/01967

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9912177.4 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIBRATING TUBE METER
• DISPOSITIF DE MESURE A TUBE VIBRANT

(71) **ABB INSTRUMENTATION LIMITED** [GB/GB]; Howard Road, Eaton Socon, St. Neots, Huntingdon, Cambridgeshire PE19 3EU (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WRAY, Troy** [GB/GB]; ABB Instrumentation Limited, Stonehouse, Gloucestershire GL10 3TA (GB).

(74) **KAZI, Ilya** et al. / etc.; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01J 3/28, G01N 21/27**

(11) **WO 00/71980** (13) A1

(21) PCT/CA00/00583

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 2,273,132 **21 May/mai 1999** CA **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR ADAPTIVE INTERPRETATION OF SPECTROMETRIC DATA COMBINED WITH CONTINUAL RE-CALIBRATION
• PROCEDE ET SYSTEME POUR L'INTERPRETATION ADAPTATIVE DE DONNEES SPECTROMETRIQUES, COMBINEE A UN REETALONNAGE CONTINU

(71) **MEASUREMENT MICROSYSTEMS A-Z INC.** [CA/CA]; 114 Place des Chenaux, Trois-Rivières, Québec G8Y 5W5 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARWICZ, Andrzej** [CA/CA]; 114 Place des Chenaux, Trois-Rivières, Québec G8Y 5W5 (CA). **WISNIEWSKI, Michael, P.** [PL/CA]; 1125, boul. Des Recollets, App. 23, Trois-Rivières, Québec G8Z 3X3 (CA). **MORAWSKI, Roman, Z.** [PL/PL]; Filtrowa 71 M8, PL-02-055 Warsaw (PL). **SLIMA, Mohamed, Ben** [TN/CA]; 4025 Louis Pinard Apt. #2, Trois-Rivières, Québec G8Y 4C2 (CA).

(74) **FREEDMAN, Gordon**; Freedman & Associates, 117 Centrepointe Drive, Suite 350, Nepean, Ontario K2G 5X3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01L 1/24, G01H 1/00**

(11) **WO 00/71981** (13) A1

(21) PCT/IL00/00268

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 130045 **19 May/mai 1999** IL **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MICROMACHINED DISPLACEMENT SENSORS AND ACTUATORS
• CAPTEURS DE DEPLACEMENTS ET ACTIONNEURS MICRO-USINES

(71) **RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH & INDUSTRIAL DEVELOPMENT LTD.** [IL/IL]; P.O. Box 39296, 61392 Tel Aviv (IL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HARONIAN, Dan** [IL/IL]; Netzach Jerusalem St. 15, 90435 Efrat (IL).

(74) **FRIEDMAN, Mark, M.**; Beit Samueloff, 7 Haomanim St., 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01L 19/04**

(11) **WO 00/71982** (13) A1

(21) PCT/CH00/00281

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 942/99 **19 May/mai 1999** CH **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRESSURE-MEASURING DEVICE
• DISPOSITIF DE MESURE DE PRESSION

(71) **ODC OPHTHALMIC DEVELOPMENT COMPANY AG** [CH/CH]; Technoparkstrasse 1, CH-8005 Zürich (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KANNGIESSER, Hartmut** [DE/CH]; Mutschellenstrasse 126, CH-8038 Zürich (CH).

(74) **ROSHARDT, Werner, A.** et al. / etc.; Keller & Partner Patentanwälte AG, Zeughausgasse 5, Postfach, CH-3000 Bern 7 (CH).

(81) BR CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01M 7/06, G01N 17/02, 17/00**

(11) **WO 00/71983** (13) A1

(21) PCT/US00/13804

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,574 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DESIGN MATURITY ALGORITHM
• ALGORITHME DE MATURITE DE CONCEPTION

(63) US 09/316,574 (CIP) 21 May/mai 1999 (21.05.1999)

(71) **ENTELA, INC.** [US/US]; 3033 Madison Avenue S.E., Grand Rapids, MI 49548-1289 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PORTER, Alexander, J.** [US/US]; 2804 Wellington, Kalamazoo, MI 49008 (US).

(74) **SMIRMAN, Preston, H.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01M 9/06**

(11) **WO 00/71984** (13) A1

(21) PCT/DE00/01468

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 23 087.0 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR MEASURING PRESSURE, SOUND AND VIBRATION AND METHOD FOR ANALYZING FLOW ON SURFACES OF STRUCTURAL PARTS

• DISPOSITIF DE MESURE DE PRESSION, DE SON ET DE VIBRATION, ET PROCEDE D'ANALYSE D'ECOULEMENT A LA SURFACE DE PIECES

(71) **EADS DEUTSCHLAND GMBH** [DE/DE]; D-81663 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SOBOTTA, Gerald** [DE/DE]; Münchnerstrasse 47A, D-82054 Sauerlach (DE). **BOSCH, Dieter** [DE/DE]; Hansjakobstrasse 56, D-81673 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01M 9/08, G01S 13/93, G01C 23/00**

(11) **WO 00/71985** (13) A1

(21) PCT/US00/12200

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 60/134,129 **14 May/mai 1999** US **(14.05.1999)**

(30) 60/134,346 **14 May/mai 1999** US **(14.05.1999)**

(30) 60/140,412 **22 Jun/juin 1999** US **(22.06.1999)**

(30) 09/489,664 **21 Jan/jan 2000** US **(21.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR PREDICTING AND DISPLAYING WAKE VORTEX TURBULENCE

• SYSTEME ET PROCEDE POUR PREVOIR ET VISUALISER UNE TURBULENCE DE SILLAGE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **KUNTMAN, Daryal**; 4645 175th Avenue S.E., Bellevue, WA 98006 (US). **BRANDAO, Ruy, C., P.**; 15612 NE 56th Way, Redmond, WA 98052 (US). **BATEMAN, C., Don**; 1825 - 180th Avenue NE, Bellevue, WA 98008 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc. (Law Dept.), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01M 17/00**

(11) **WO 00/71986** (13) A2

(21) PCT/DE00/01596

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 9911845.7 **22 May/mai 1999** GB **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIAGNOSTIC DEVICE

• DISPOSITIF DE DIAGNOSTIC

(71) **LUK LAMELLEN UND KUPPLUNGSBAU GMBH** [DE/DE]; Industriestrasse 3, D-77815 Bühl (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOWKER, Diana** [GB/GB]; 94, Buckley Road, Leamington Spa, Warwickshire CV32 7QQ (GB).

(74) **LUK LAMELLEN UND KUPPLUNGSBAU GMBH**; Grauel, Andreas, D-77813 Bühl (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N**

(11) **WO 00/71987** (13) A2

(21) PCT/DK00/00281

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 99201651.9 **25 May/mai 1999** EP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ISOLATION AND CULTURING OF FETAL CELLS

• ISOLATION ET CULTURE DE CELLULES EMBRYONNAIRES

(71, 72) **PHILIP, John** [DK/DK]; Berlingsbakke 11, DK-2920 Charlottenlund (DK). **CHRISTENSEN, Britta** [DK/DK]; Hovedgaden 38A, 2.tv., DK-3460 Birkerød (DK).

(74) **HØIBERG APS**; Nørre Farimagsgade 37, DK-1364 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 11/08 // 33/48, G01F 1/78, 1/80, A61B 10/00**

(11) **WO 00/71988** (13) A1

(21) PCT/NL00/00307

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 1012136 **25 May/mai 1999** NL **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A DEVICE FOR ANALYSING PREFERABLY ANIMAL MANURE

• DISPOSITIF D'ANALYSE DU FUMIER

(71) **LELY RESEARCH HOLDING AG** [CH/CH]; Bützenweg 20, CH-6300 Zug (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN DEN BERG, Karel** [NL/NL]; Boterbloemstraat 5, NL-2971 BR Bleskensgraaf (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; Weverskade 10, NL-3155 PD Maasland (NL).

(81) AU CA JP NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 11/12, 33/03, 33/28**

(11) **WO 00/71989** (13) A1

(21) PCT/EP00/03490

(22) **18 Apr/avr 2000 (18.04.2000)**

(25) de (26) de

(30) 199 20 928.6 **6 May/mai 1999** DE **(06.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR DETERMINING THE THERMAL-OXIDATIVE LOAD STATE OF FATS AND OILS

• PROCEDE ET DISPOSITIF POUR LA DETERMINATION DE L'ETAT DE CHARGE D'OXYDATION A CHAUD DES GRAISSES ET DES HUILES

(71, 72) **GERTZ, Christian** [DE/DE]; Schmalenbeckstrasse 1c, D-58093 Hagen (DE). **GRÜNBERG, Thomas** [DE/DE]; Am Langensteg 45-47, D-63571 Gelnhausen (DE).

(74) **GÖKEN, Klaus, G.**; Eisenführ, Speiser & Partner, Martinistrasse 24, D-28195 Bremen (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ

TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01N 15/02, 21/00**

(11) **WO 00/71990** (13) A1

(21) PCT/US00/14397

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,485 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PARTICLE SENSOR WITH COOLED LIGHT TRAP AND RELATED METHOD
• CAPTEUR DE PARTICULES A PIEGE A LUMIERE REFROIDI ET PROCEDE CORRESPONDANT

(71) **VENTUREDYNE, LTD.** [US/US]; 10201 W. Lincoln Avenue, Milwaukee, WI 53227 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KREIKEBAUM, Gerhard** [US/US]; 3408 Broadmoor Boulevard, San Bernardino, CA 92404 (US).

(74) **STOMMA, Peter, C.**; Jansson, Shupe, Bridge & Munger, Ltd., Suite M, 245 Main Street, Racine, WI 53405-1034 (US).

(81) DE GB JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 21/03, 21/64, 33/536, 33/566**

(11) **WO 00/71991** (13) A1

(21) PCT/US00/14033

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/318,494 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR OPTICAL DETECTION IN A LIMITED DEPTH OF FIELD
• PROCEDE ET APPAREIL DE DETECTION OPTIQUE DANS UNE PROFONDEUR DE CHAMP LIMITEE

(71) **BIOMETRIC IMAGING, INC.** [US/US]; 1025 Terra Bella Avenue, Mountain View, CA 94043 (US).

(72) **BAER, Thomas, M.**; 537 Drucilla Drive, Mountain View, CA 94040 (US). **DIETZ, Louis, J.**; 550 South Shoreline Boulevard, Mountain View, CA 94041 (US). **DUBROW, Robert, S.**; 766 Orange Avenue, San Carlos, CA 94070 (US). **HAYTER, Paul, G.**; 653 Lola Lane, Mountain View, CA 94040 (US). **HODGES, Michael**; 2778 Gaspar Court, Palo Alto, CA 94306 (US). **MANIAN, Bala, S.**; 14240 Berry Hill Court, Los Altos Hills, CA 94022 (US). **SHARTLE, Robert, J.**; 982 Madrone Way, Livermore, CA 94550 (US). **HEFFELFINGER, David, M.**; 8990 McGurrin Road, Oakland, CA 94605 (US).

(74) **SCHNECK, Thomas**; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01N 21/25, 21/64, 35/02**

(11) **WO 00/71992** (13) A1

(21) PCT/US00/13772

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,089 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR RETAINING AND PRESENTING AT LEAST ONE MICROSPHERE ARRAY TO SOLUTIONS AND/OR TO OPTICAL IMAGING SYSTEMS
• PROCEDE ET APPAREIL DE RETENTION ET D'EXPOSITION D'AU MOINS UN RESEAU DE MICROSPHERES A DES SOLUTIONS ET/OU DES SYSTEMES D'IMAGERIE OPTIQUES

(71) **ILLUMINA, INC.** [US/US]; Suite 200, 9390 Towne Centre Drive, San Diego, CA 92121 (US).

(72) **STUELPNAGEL, John, R.**; 38 Briggs Avenue, Encinitas, CA 92024 (US). **CHEE, Mark, S.**; 155-15th Street, Apt. 24, Del Mar, CA 92014 (US). **PYTELEWSKI, Richard, J.**; 10881 Stonehaven Way, San Diego, CA 92130 (US). **DICKINSON, Todd, Alan**; 3435 Leon Drive, Apt. 1133, San Diego, CA 92122 (US). **WANG, Gan, G.**; 13043 Maritime Place, San Diego, CA 92130 (US).

(74) **KAUFMAN, Michael, A.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01N 21/27, 21/35, 21/25, 21/85, 21/89, A01H 1/04**

(11) **WO 00/71993** (13) A1

(21) PCT/US00/14262

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,278 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEAR INFRARED SPECTROSCOPY SYSTEM AND METHOD FOR THE IDENTIFICATION OF GENETICALLY MODIFIED GRAIN
• SYSTEME ET PROCEDE DE SPECTROSCOPIE DANS L'INFRAROUGE PROCHE POUR IDENTIFIER DES CEREALES GENETIQUEMENT MODIFIEES

(63) US 09/317,278 (CON) 24 May/mai 1999 (24.05.1999)

(71) **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.** [US/US]; Iowa State University, 310 Lab of Mechanics, Ames, IA 50011-2131 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HURBURGH, Charles, R., Jr.** [US/US]; 203 21st Street, Ames, IA 50010 (US). **HEITHOFF, Craig, A.** [US/US]; 327 North Carroll Street, Carroll, IA 51401 (US). **RIPPKE, Glen, R.** [US/US]; 2827 Eisenhower Avenue, Ames, IA 50010 (US).

(74) **ELLINGER, Mark, S.**; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01N 21/51, 21/49, 21/03**

(11) **WO 00/71994** (13) A1

(21) PCT/EP00/03977

(22) **4 May/mai 2000 (04.05.2000)**

(25) de (26) de

(30) 199 22 812.4 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MEASURING TURBIDITIES BY REFLECTOMETRY
• MESURES DE TROUBLES PAR REFLECTOMETRIE

(71) **MERCK PATENT GMBH** [DE/DE]; Postfach, D-64271 Darmstadt (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TANZER, Dieter** [DE/DE]; Weimarerstrasse 30, D-64372 Ober-Ramstadt (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01N 21/77**

(11) **WO 00/71995** (13) A2

(21) PCT/US00/13940

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/315,584 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENCODING AND DECODING OF ARRAY SENSORS UTILIZING NANOCRYSTALS
• CODAGE ET DECODAGE DE DETECTEURS MATRICIELS UTILISANT DES NANOCRISTAUX

(71) **ILLUMINA, INC.** [US/US]; Suite 200, 9390 Towne Centre Drive, San Diego, CA 92121-3015 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHEE, Mark, S.** [AU/US]; 155 15th Street #24, Del Mar, CA 92014 (US). **BARNARD, Steven, M.** [US/US]; Apartment M307, 5220 Fiore Terrace, San Diego, CA 92122 (US). **ZHAO, Chanfeng** [CN/US]; 12712 Brubaker Court, San Diego, CA 92130 (US).

(74) **BREZNER, David, J.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 23/00**

(11) **WO 00/71996** (13) A2

(21) PCT/CA00/00576

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,211 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/546,109 **10 Apr/avr 2000** US **(10.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ON-LINE SYSTEM FOR QUANTITATIVE ANALYSIS OF MULTI-COMPONENT ADDITIVES AND COATINGS IN SHEET MATERIAL
• SYSTEME EN LIGNE PERMETTANT L'ANALYSE QUANTITATIVE D'ADJUVANTS ET DE REVETEMENTS A PLUSIEURS COMPOSANTS DANS UN MATERIAU EN FEUILLE

(71) **NELES PAPER AUTOMATION OY** [FI/FI]; Taina Ronkko, Taina Ronkko, Industrial Property Rights, Lentokentankatu 11, FIN-33101 Tampere (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PECZKIS, Marek** [CA/CA]; Neles Automation (Toronto), 111 Granton Drive, Unit 101, Richmond Hill, Ontario L4B 1L5 (CA). **MUNIDASA, Mahendra** [CA/CA]; Neles Automation (Toronto), 111 Granton Drive, Unit 101, Richmond Hill, Ontario L4B 1L5 (CA). **WASQWSKI, Piotr** [CA/CA]; Neles Automation (Toronto), 111 Granton Drive, Unit 101, Richmond Hill, Ontario L4B 1L5 (CA).

(74) **PERRY, Stephen, J.**; Sim & McBurney, 330 University Avenue, 6th floor, Toronto, Ontario M5G 1R7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 24/08, 33/00, 1/38**

(11) **WO 00/71997** (13) A1

(21) PCT/US00/13329

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/135,039 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF DIAGNOSING COLORECTAL ADENOMAS AND CANCER USING PROTON MAGNETIC RESONANCE SPECTROSCOPY
• METHODE DE DIAGNOSTIC D'ADENOMES ET CANCER COLORECTAUX PAR SPECTROSCOPIE PAR RESONANCE MAGNETIQUE PROTONIQUE

(71) **NATIONAL RESEARCH COUNCIL OF CANADA** [CA/CA]; Intellectual Property Services Office, Bldg. M-58, Room EG-10, Montreal Road, Ottawa, Ontario K1A 0R6 (CA). **UNIVERSITY OF TEXAS SYSTEM, BOARD OF REGENTS** [US/US]; 201 West Seventh Street, Austin, TX 78701 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEZABEH, Tedros** [CA/CA]; 401 - 1281 Grant Avenue, Winnipeg, Manitoba R3M 1Z6 (CA). **SMITH, Ian, C., P.** [CA/CA]; 63 Shier Drive, Winnipeg, Manitoba R3R 2H2 (CA). **LEVIN, Bernard** [US/US]; 1515 Holcombe Boulevard, Box 203, Houston, TX 77030 (US). **JOHNSON, Constance** [US/US]; 814 N, Third, Bellaire, TX 77401 (US).

(74) **SEABY, George, A.**; Seaby & Associates, 603 - 880 Wellington Street, Ottawa, Ontario K1R 6K7 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 27/26**

(11) **WO 00/71998** (13) A1

(21) PCT/US00/14066

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/318,754 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COOLING DEVICE FOR HIGH SPEED SUBMARINE GEL ELECTROPHORESIS
• DISPOSITIF DE REFROIDISSEMENT POUR ELECTROPHORESE EN GEL SOUS-MARINE ET A GRANDE VITESSE

(71, 72) **CHEN, Stephen, L.** [CN/US]; 18510 S.W. Honeywood Drive, Beaverton, OR 97006 (US).

(81) AE AL AU BA BB BG CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LS LT LV MA MK MN NO NZ PL RO SG SI SK TR TT UA US YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **G01N 27/447**

(11) **WO 00/71999** (13) A1

(21) PCT/EP00/04560

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 299 08 807.3 **19 May/mai 1999** DE **(19.05.1999)**

(30) 199 48 049.4 **27 Sep/sep 1999** DE **(27.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE AND METHOD FOR ISOLATING ELECTRICALLY CHARGED MOLECULES
• DISPOSITIF ET PROCEDE POUR L'ISOLATION DE MOLECULES CHARGEES ELECTRIQUEMENT

(71) **BILATEC GESELLSCHAFT ZUR ENTWICKLUNG BIOTECHNOLOGISCHER SYSTEME MBH** [DE/DE]; Prof.-Hermann-Klare-Strasse 6, D-07407 Rudolstadt (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BERGMANN, Clemens** [DE/DE]; Mühlenstrasse 53, D-07745 Jena (DE). **KAPLAN, Thomas** [DE/DE]; Gutenbergstrasse 3, D-07407 Rudolstadt (DE). **BIENHAUS, Gerhard** [DE/DE]; Karwendelstrasse 1, D-82407 Wielenbach (DE). **LANGE, Hans, R.** [DE/DE]; Römerstrasse 99d, D-68623 Lampertheim (DE).

(74) **WEICKMANN, H.,** et al. / etc.; Kopernikusstrasse 9, D-81679 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **G01N 29/04**

(11) **WO 00/72000** (13) A1

(21) PCT/US00/14213

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,644 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSDUCER FOR SONIC MEASUREMENT OF GAS FLOW AND RELATED CHARACTERISTICS
• TRANSDUCTEUR PERMETTANT DE PROCEDER A LA MESURE ACOUSTIQUE D'UN ECOULEMENT GAZEUX ET CARACTERISTIQUES ASSOCIEES

(71, 72) **BAUMOEL, Joseph** [US/US]; 104 Fairway View Drive, The Hamlet, Commack, NY 11725 (US). **SCHAEFER, Robert** [US/US]; 433 2nd Avenue, East Northport, NY 11731 (US).

(74) **CHAU, Frank** et al. / etc.; F. Chau & Associates, LLP, Suite 501, 1900 Hempstead Turnpike, East Meadow, NY 11554 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 30/20**

(11) **WO 00/72001** (13) A1

(21) PCT/JP00/03057

(22) **12 May/mai 2000 (12.05.2000)**

(25) ja (26) ja

(30) 11/138854 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BRANCH PIPE DEVICE FOR GRADIENT HIGH PERFORMANCE LIQUID CHROMATOGRAPHY
• DISTRIBUTEUR POUR CHROMATOGRAPHIE EN PHASE LIQUIDE HAUTE PERFORMANCE A GRADIENT

(71) **EISAI CO., LTD.** [JP/JP]; 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 112-8088 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MURATA, Kaoru** [JP/JP]; Tsukubanedainiryo 509, 9-3, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (JP). **ISHIHAMA, Yasushi** [JP/JP]; 50-3-7, Misono 5-chome, Moriyamachi, Kitasouma-gun, Ibaraki 302-0124 (JP). **MANO, Nariyasu** [JP/JP]; 3-26-12, Minaminakayama, Izumi-ku, Sendai-shi, Miyagi 981-3213 (JP). **ASAKAWA, Naoki** [JP/JP]; 3-26-13, Namiki, Tsukuba-shi, Ibaraki 305-0044 (JP).

(74) **FURUYA, Kaoru** et al. / etc.; Hamacho-Hanacho Building, 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 30/60**

(11) **WO 00/72002** (13) A1

(21) PCT/GB00/01937

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911797.0 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CHROMATOGRAPHY COLUMNS
• COLONNES DE CHROMATOGRAPHIE

(71) **DOWNSTREAM MEDIA LIMITED** [GB/GB]; Unit 4, Brimscombe Port Business Park, Brimscombe Hill, Brimscombe, Stroud, Gloucestershire GL5 2QN (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOFMANN, Martin, John** [GB/GB]; 9 Whitehall, Stroud, Gloucestershire GL5 1HA (GB).

(74) **STONER, G., Patrick** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 31/16, 33/18**

(11) **WO 00/72003** (13) A1

(21) PCT/SE00/00987

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901857-4 **21 May/mai 1999** SE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • KARL FISCHER REAGENT
• REACTIF DE KARL FISCHER

(71, 72) **CEDERGREN, Anders** [SE/SE]; Granvägen 6A, S-907 38 Umeå (SE). **NORDMARK, Ulrika** [SE/SE]; Vargvägen 182 H, S-906 42 Umeå (SE).

(74) **HANSSON, Sven, A.** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn, Box 23101, S-104 35 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/00**

(11) **WO 00/72004** (13) A2

(21) PCT/US00/14667

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/135,891 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF DETERMINING THE THREE-DIMENSIONAL SHAPE OF A MACROMOLECULE
• PROCEDE DE DETERMINATION DE LA FORME TRIDIMENSIONNELLE D'UNE MACROMOLECULE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, Oakland, CA 94607 (US).

(72) **GIBSON, Bradford, W.**; 1324 Peralta Avenue, Berkeley, CA 94702 (US). **KUNTZ, Irwin, D.**; 55 Almenar Drive, Greenbrae, CA 94904 (US). **TANG, Ning**; 5150 Diamond Heights Blvd., San Francisco, CA 94131 (US). **DOLLINGER, Gavin**; 1465 5th Avenue, San Francisco, CA 94122 (US). **OSHIRO, Connie, M.**; 2446 Benjamin Drive, Mountain View, CA 94043 (US). **HEMPEL, Judith, C.**; 145 2nd Avenue, San Francisco, CA 94118 (US). **TAYLOR, Eric**; 561 62nd Street, Oakland, CA 94609 (US).

(74) **LEE, Robert, H.**; Beyer Weaver & Thomas, LLP, P.O. Box 130, Mountain View, CA 94042-0130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/28, 15/06**

(11) **WO 00/72005** (13) A1

(21) PCT/US00/14395

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,506 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETECTION OF WEAR-PARTICLES AND OTHER IMPURITIES IN INDUSTRIAL OR OTHER FLUIDS
• DETECTION DE PARTICULES D'USURE ET D'AUTRES IMPURETES DANS DES FLUIDES INDUSTRIELS OU AUTRES

(71) **REID ASSET MANAGEMENT COMPANY** [US/US]; 34900 Chardon Road, Willoughby Hills, OH 44094-9161 (US).

(72) **BROWN, Robert, W.**; 34285 Lakeview Dr., Solon, OH 44139 (US). **CONDIT, William, C.**; 17329 Lexington Lane, Strongsville, OH 44136 (US). **CHENG, Yu-Chung, Norman**; 5154 Dickens Drive, Richmond Heights, OH 44143 (US). **SCHUELE, Donald, E.**; 4892 Countryside Lane, Lyndhurst, OH 44124 (US).

(74) **MURPHY, Cynthia, S.**; Renner, Otto, Boisselle & Sklar, LLP, 19th floor, 1621 Euclid Avenue, Cleveland, OH 44115 (US).

(81) AU CA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01N 33/36**

(11) **WO 00/72006** (13) A2

(21) PCT/EP00/04537

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 461.2 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR MEASURING ORGANIC AND INORGANIC ACCOMPANYING SUBSTANCES IN A FLAT ITEM

• PROCEDE ET DISPOSITIF POUR LA MESURE DE SUBSTANCES D'ACCOMPAGNEMENT ORGANIQUES ET INORGANIQUES DANS UN PRODUIT PLAT

(71) **MAHLO GMBH & CO. KG** [DE/DE]; Donaustrasse 12, D-93342 Saal/Donau (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RAUSCH, Oswald** [DE/DE]; Blumenring 10, D-93356 Teugn (DE). **ENGELMEIER-STROER, Hermann** [DE/DE]; Rabenweg 15, D-93346 Ihrlerstein (DE).

(74) **BOHNENBERGER, Johannes** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D-81633 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/487, 21/35**

(11) **WO 00/72007** (13) A2

(21) PCT/DE00/01404

(22) **3 May/mai 2000 (03.05.2000)**

(25) de (26) de

(30) 199 23 811.1 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR DIAGNOSING TSE-INDUCED CHANGES IN TISSUES USING INFRARED SPECTROSCOPY

• PROCEDE POUR DIAGNOSTIQUER PAR SPECTROSCOPIE INFRAROUGE DES MODIFICATIONS DE TISSU INDUITES PAR UNE ENCEPHALOPATHIE SPONGIFORME TRANSMISSIBLE (TSE)

(71) **ROBERT-KOCH-INSTITUT** [DE/DE]; Nordufer 30, D-13353 Berlin (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAUMANN, Dieter** [DE/DE]; Mariannenplatz 22, D-10997 Berlin (DE). **KNEIPP, Janina** [DE/DE]; Scharnweberstrasse 44, D-10247 Berlin (DE). **BALDAUF, Elizabeth** [DE/DE]; Bahnhofstrasse 45 C, D-14624 Dallgow (DE). **LASCH, Peter** [DE/DE]; Müggelstrasse 24, D-10247 Berlin (DE). **BEEKES, Michael** [DE/DE]; Bahnhofstrasse 45 C, D-14624 Dallgow (DE).

(74) **WABLAT, Wolfgang**; Potsdamer Chaussee 48, D-14129 Berlin (DE).

(81) AE AG AL AU BA BB BG BR CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/50**

(11) **WO 00/72008** (13) A2

(21) PCT/US00/14812

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,018 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IDENTIFICATION OF NOVEL MECHANISMS OF DRUG RESISTANCE

• IDENTIFICATION DE NOUVEAUX MECANISMES DE RESISTANCE AUX MEDICAMENTS

(71) **RIGEL PHARMACEUTICALS, INC.** [US/US]; 240 East Grand Avenue, South San Francisco, CA 94080 (US).

(72) **XU, Xiang**; 185 Cymbidium Circle, South San Francisco, CA 94080 (US).

(74) **BREZNER, David, J.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/52, A61L 15/42**

(11) **WO 00/72009** (13) A1

(21) PCT/FR00/01213

(22) **5 May/mai 2000 (05.05.2000)**

(25) fr (26) fr

(30) 99/06441 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR THE COLLECTION AND ANALYSIS OF BODY SECRETIONS

• DISPOSITIF DE RECUEIL ET D'ANALYSE DES SECRETIONS CORPORELLES

(71, 72) **MOUTETE, Hemery, Fernand** [CG/FR]; 1, rue de Verviers, F-54500 Vandoeuvre (FR).

(74) **LECLAIRE, Jean-Louis**; Cabinet Ballot Schmit, 9, rue Claude Chappe, Technopôle Metz 2000, F-57070 Metz (FR).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 33/53, 33/574, 33/58, C12N 5/08**

(11) **WO 00/72010** (13) A1

(21) PCT/EP00/04468

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 863.9 **19 May/mai 1999** DE **(19.05.1999)**

(30) 199 26 879.7 **12 Jun/juin 1999** DE **(12.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF AN ANTIBODY TO DETECT BASOPHILES AND/OR MAST CELLS

• UTILISATION D'UN ANTICORPS POUR DETECTER DES BASOPHILES ET/OU DES MASTOCYTES

(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) **BÜHRING, Hans-Jörg** [DE/DE]; Eichenweg 4, D-72076 Tübingen (DE). **VAN AGTHOVEN, Andreas, Johannes** [FR/FR]; 15, avenue Joseph Crovetto, F-13009 Marseille (FR). **JARROSSAY, David** [CH/CH]; Via Nizzola, 7, CH-Bellinzona (CH).

(74) **OTTEN, Hajo** et al. / etc.; Witte, Weller & Partner, Postfach 105462, D-70047 Stuttgart (DE).

(81) AU JP NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01N 33/53, 33/573, C07K 16/40, C12Q 1/48, C12N 15/54, 9/12**

(11) **WO 00/72011** (13) A1

(21) PCT/JP00/03193

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/141187 **21 May/mai 1999 (21.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR ASSAYING PHOSPHORYLATION ENZYME ACTIVITY
• METHODE POUR MESURER UNE ACTIVITE ENZYMATIQUE DE PHOSPHORYLATION

(71) **MEDICAL & BIOLOGICAL LABORATORIES CO., LTD.** [JP/JP]; Sumitomo-shoji, Marunouchi Building 5F, 5-10, Marunouchi 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OGAWA, Akira** [JP/JP]; Medical & Biological Laboratories Co., Ltd., 1063-103 Aza Ohara, Oaza Terasawaoka, Ina-shi, Nagano 396-0002 (JP). **KOBAYASHI, Toshiko** [JP/JP]; Medical & Biological Laboratories Co., Ltd., 1063-103 Aza Ohara, Oaza Terasawaoka, Ina-shi, Nagano 396-0002 (JP). **YANO, Minoru** [JP/JP]; Medical & Biological Laboratories Co., Ltd., 1063-103 Aza Ohara, Oaza Terasawaoka, Ina-shi, Nagano 396-0002 (JP). **TAMAI, Katsuyuki** [JP/JP]; Medical & Biological Laboratories Co., Ltd., 1063-103 Aza Ohara, Oaza Terasawaoka, Ina-shi, Nagano 396-0002 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Buidling 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 33/53**

(11) **WO 00/72012** (13) A2

(21) PCT/US00/11996

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 09/317,412 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS FOR PRETREATING A SAMPLE CONTAINING AN ANALYTE
• APPAREIL DE PRETRAITEMENT D'UN ECHANTILLON CONTENANT UN ANALYSAT

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 377 / AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(72) **NEMCEK, Thomas, A.**; 70 North Caroline Street, Crystal Lake, IL 60014 (US). **BARCLAY, John, Brian, II**; 11128-61st Avenue, Pleasant Prairie, WI 53158 (US). **DRAGICEVIC, Jovo**; 2765 South 58th St., Milwaukee, WI 53219 (US). **ECK, Paul, Leonard**; 755 Chestnut St., Deerfield, IL 60015 (US). **GEMENT, David, Henry**; 17542 Spring St., Union Grove, WI 53282 (US). **GREENFIELD, Seymour**; 9040 Samoset Trail, Skokie, IL 60076 (US). **HADDON, Michelle, Petra**; 433 McKinley Avenue, Libertyville, IL 60048 (US). **NOLAN, Michael, James**; 335 Ahwahnee Ln., Lake Forest, IL 60045 (US). **STRANG, Steven, Louis**; 37137 North Thoroughbred Dr., Wadsworth, IL 60083 (US). **MELAMED, Stephen**; 2925 West Belden, Chicago, IL 60647 (US). **SHINE, Vincent**; 1710 West Thorndale Ave., Chicago, IL 60660 (US). **LANGMAR, Peter** (deceased / décédé).**HEILIGENSTEIN, Luc**; 3119 North Honore St., Chicago, IL 60657 (US).

(74) **ANDERSON, Regina, M.** et al. / etc.; Abbott Laboratories, CHAD 377 / AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 33/53, 33/543, C12N 15/00, C07H 21/02, 21/04**

(11) **WO 00/72013** (13) A1

(21) PCT/US00/13813

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,429 **21 May/mai 1999 (21.05.1999)** US

(30) 60/172,525 **17 Dec/déc 1999 (17.12.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONSTRUCTION OF INCREMENTAL TRUNCATION LIBRARIES
• CONSTRUCTION DE BIBLIOTHEQUE DE TRONCATION

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802 (US).

(72) **BENKOVIC, Stephen, J.**; 771 Teaberry Lane, State College, PA 16801 (US). **OSTERMEIER, Marc**; 828 S. Allen Street, State College, PA 16801 (US). **NIXON, Andrew, E.**; Dyax Corporation, One Kendell Square, Building 600, Cambridge, MA 02139 (US). **LUTZ, Stefan, A.**; 500 Toftrees Ave. #228, State College, PA 16803 (US).

(74) **MONAHAN, Thomas, J.**; Intellectual Property Office, The Pennsylvania State University, 113 Technology Center, University Park, PA 16802-7000 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/53, 33/567, 33/554**

(11) **WO 00/72014** (13) A1

(21) PCT/US00/14137

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,358 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF DETECTING AND QUANTIFYING ENDOTOXINS
• PROCEDE DE DETECTION ET DE QUANTIFICATION D'ENDOTOXINES

(71) **BOARD OF REGENTS OF UNIVERSITY OF NEBRASKA** [US/US]; Varner Hall, 3835 Holdrege Street, Lincoln, NE 68583 (US).

(72) **STANLEY, David, W.**; 3430 Crown Pointe Road, Lincoln, NE 68506 (US). **PARDY, Rosevelt, L.**; 1101 Eastridge Drive, Lincoln, NE 68510 (US).

(74) **GROSS, Michael, J.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105-2118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01N 33/53**

(11) **WO 00/72015** (13) A2

(21) PCT/US00/14775

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 09/320,395 **26 May/mai 1999 (26.05.1999)** US

(30) 09/431,352 **1 Nov/nov 1999 (01.11.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR CARDIOVASCULAR DISORDERS
• DIAGNOSTICS ET MOYENS THERAPEUTIQUES POUR TROUBLES CARDIO-VASCULAIRES

(71) **INTERLEUKIN GENETICS, INC.** [US/US]; 100 N.E. Loop 410, Suite 820, San Antonio, TX 78216-4749 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FRANCIS, Sheila, E.** [GB/GB]; Sheffield S10 3BZ, South Yorkshire (GB). **CROSSMAN, David, C.** [GB/GB]; Sheffield S10 3BZ, South Yorkshire (GB). **DUFF, Gordon, W.** [GB/GB]; 18 Ashgate Road, Sheffield S10 3BZ, South Yorkshire (GB). **KORNMAN, Kenneth, S.** [US/US]; 3007 Orchard Hill, San Antonio, TX 78230 (US).

(74) **ARNOLD, Beth, E.** et al. / etc.; Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/542, C12Q 1/48, 1/42, 1/37, 1/68**

(11) **WO 00/72016** (13) A1

(21) PCT/US00/13293

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/316,447 **21 May/mai 1999 (21.05.1999)** US

(30) 60/139,562 **16 Jun/juin 1999 (16.06.1999)** US

(30) 60/156,366 **28 Sep/sep 1999 (28.09.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLUORESCENCE POLARIZATION ASSAYS INVOLVING POLYIONS
• ESSAIS DE POLARISATION FLUORESCENTE IMPLIQUANT DE POLYIONS

(63) US 09/316,447 (CIP)
21 May/mai 1999 (21.05.1999)

(71) **CALIPER TECHNOLOGIES CORP.** [US/US]; 605 Fairchild Drive, Mountain View, CA 94043 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NIKIFOROV, Theo, T.** [US/US]; 37 S. 16th Avenue, San Jose, CA 95112 (US).

(74) **QUINE, Jonathan, Alan**; The Law Offices of Jonathan Alan Quine, P.O. Box 458, Alameda, CA 94501 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01N 33/543, 33/544**

(11) **WO 00/72017** (13) A1

(21) PCT/AU00/00482

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0487 **20 May/mai 1999 (20.05.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIAGNOSIS OF CONDITIONS ASSOCIATED WITH ACTIVATION OF ENDOTHELIN
• DIAGNOSTIC DE PATHOLOGIES ASSOCIEES A L'ACTIVATION DE L'ENDOTHELINE

(71) **MONASH UNIVERSITY** [AU/AU]; Wellington Road, Clayton, VIC 3168 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DENVER, Rachel, Ann** [AU/AU]; 30 Dinsdale Road, Boronia, VIC 3181 (AU). **TZANIDIS, Alex** [AU/AU]; 1 Brearley Court, Rowville, VIC 3178 (AU). **MARTIN, Paul, Thomas** [IE/AU]; 214 Wilshire Drive, Kew, VIC 3101 (AU). **KRUM, Henry** [AU/AU]; 68 Motherwell Street, South Yarra, VIC 3141 (AU).

(74) **GRIFFITH HACK**; 3rd Floor, 509 St Kilda Road, Melbourne, VIC 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/543, C12Q 1/68, G01N 21/86**

(11) **WO 00/72018** (13) A1

(21) PCT/BE00/00054

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 99870106.4 **19 May/mai 1999 (19.05.1999)** EP

(30) 00870025.4 **18 Feb/fév 2000 (18.02.2000)** EP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR THE IDENTIFICATION AND/OR THE QUANTIFICATION OF A TARGET COMPOUND
• PROCEDE PERMETTENT L'IDENTIFICATION ET/OU LA QUANTIFICATION D'UN COMPOSE CIBLE

(71) **ADVANCED ARRAY TECHNOLOGIES S.A.** [BE/BE]; Chemin des Pierres 4, B-5020 Malonne (BE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REMACLE, José** [BE/BE]; Chemin des Pierres 4, B-5020 Malonne (BE). **DEMARTEAU, Joseph** [BE/BE]; Rue de Coquelet 18, B-5000 Namur (BE). **ZAMMATTEO, Nathalie** [BE/BE]; Avenue Bourgmestre Jean Materne 202/3, B-5100 Jambes (BE). **ALEXANDRE, Isabelle** [BE/BE]; Rue du Centre 3, B-5170 Lesve (BE). **HAMELS, Sandrine** [BE/BE]; Allée Saint Hubert 4, B-6280 Loverval (BE). **HOUBION, Yves** [BE/BE]; Route de Malonne 6, B-5150 Floreffe (BE). **DE LONGUEVILLE, Françoise** [BE/BE]; Avenue Jean Materne 110, B-5100 Jambes (BE).

(74) **VAN MALDEREN, Eric** et al. / etc.; Office Van Malderen, Place Reine Fabiola 6/1, B-1083 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01N 33/543**

(11) **WO 00/72019** (13) A2

(21) PCT/US00/13592

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,576 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIPOSOME-ENHANCED TEST DEVICE AND METHOD
• DISPOSITIF D'ESSAI AMELIORE PAR DES LIPOSOMES ET PROCEDE ASSOCIE

(71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US). **INNOVATIVE BIOTECHNOLOGIES INTERNATIONAL, INC.** [US/US]; 335 Lang Boulevard, Grand Island, NY 14072 (US).

(72) **DURST, Richard, Allen**; 5487 East Lake Road, Romulus, NY 14541 (US). **MONTAGNA, Richard, A.**; 45 Autumnwood Drive, Grand Island, NY 14072 (US). **BAUMNER, Antje, J.**; 5487 East Lake Road, Romulus, NY 14541 (US). **SIEBERT, Sui, Ti, A.**; 9 Parkway Street, Geneva, NY 14456 (US). **RULE, Geoffrey, S.**; 45 Sherwood Road, Aurora, NY 13026 (US).

(74) **GOLDMAN, Michael, L.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/558, 33/557, 33/543, 15/06, 33/00, 33/48, 21/00, 21/29, 21/41, 21/47, B01D 11/00, 11/04**

(11) **WO 00/72020** (13) A1

(21) PCT/US00/13864

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,417 **21 May/mai 1999 (21.05.1999)** US

(30) 09/503,563 **14 Feb/fév 2000 (14.02.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MICROSCALE DIFFUSION IMMUNOASSAY
• DOSAGE IMMUNOLOGIQUE PAR DIFFUSION MICROSCOPIQUE

(71) **UNIVERSITY OF WASHINGTON** [US/US]; 1107 N.E. 45th Street, Seattle, WA 98105 (US).

(72) **WEIGL, Bernhard, H.**; 4306 Densmore Avenue, Seattle, WA 98103 (US). **YAGER, Paul**; 3719 N.E. 50th Street, Seattle, WA 98105 (US). **KAMHOLZ, Andrew**; 4233 7th Avenue N.E. #407, Seattle, WA 98105 (US). **HATCH, Anson**; 13725 32nd Avenue N.E. #B-119, Seattle, WA 98125 (US).

(74) **WINNER, Ellen, P.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 33/574, C12Q 1/68, A61K 39/00, 48/00, 39/395, C12N 15/63, 5/10, C07K 14/47, 7/04, A61K 35/14, C07K 16/18**

(11) **WO 00/72021** (13) A2

(21) PCT/US00/14391

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/320,092 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CANCER ASSOCIATED ANTIGENS AND USES THEREFOR
• ANTIGENES ASSOCIES AU CANCER ET UTILISATIONS CORRESPONDANTES

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [CH/US]; 605 Third Avenue, New York, NY 10158 (US).

(72) **KUIMOV, Alexander**; Belozersky Institute of Physio-Chemical Biology, Moscow State University, Moscow (RU). **LAGARKOVA, Marka**; Belozersky Institute of Physio-Chemical Biology, Moscow State University, Moscow (RU). **KOROLEVA, Ekaterina**; Belozersky Institute of Physio-Chemical Biology, Moscow State University, Moscow (RU). **TURETSKAYA, Regina**; Engelhardt Institute of Molocular Biology, Russian Academy of Sciences, Moscow (RU). **VDOVICHENKO, Konstantin**; Belozersky Institute of Physio-Chemical Biology, Moscow State University, Moscow (RU). **MESCHERYAKOV, Andrei**; Oncological Research Center, Russian Academy of Medical Science, Moscow (RU). **LITCHINITSER, Mikhail**; Oncological Research Center, Russian Academy of Medical Science, Moscow (RU). **KUPRASH, Dmitry**; Engelhardt Institute of Molecular Biology, Russian Academy of Sciences, Moscow (RU). **NEDOSPASOV, Sergei**; Belozersky Institute of Physio-Chemical Biology, Moscow State University, Moscow (RU). **TURECI, Ozlem**; Innere Medizin 1, D-66421 Homburg/Saar (DE). **SAHIN, Ugur**; Innere Medizin 1, D-66421 Homburg/Saar (DE). **PFRUENDSCHUH, Michael**; Innere Medizin 1, D-66421 Homburg/Saar (DE). **OLD, Lloyd, J.**; Ludwig Institute for Cancer Research, 605 Third Avenue, New York, NY 10158 (US). **KNUTH, Alex**; Hohl 2-28, D-60488 Frankfurt am Main (DE). **JAGER, Elke**; Hohl 2-28, D-60488 Frankfurt am Main (DE).

(74) **VAN AMSTERDAM, John, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AU CA CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01N 33/68, C12Q 1/527**

(11) **WO 00/72022** (13) A1

(21) PCT/EP00/04592

(22) **20 May/mai 2000 (20.05.2000)**

(25) de (26) de

(30) 199 23 568.6 **21 May/mai 1999** DE **(21.05.1999)**

(30) 199 23 567.8 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • USE OF GENES OF THE DEOXY-D-XYLULOSE PHOSPHATE BIOSYNTHETIC PATHWAY FOR ALTERING THE CONCENTRATION OF ISOPRENOID
• UTILISATION DE GENES DE LA VOIE DE SYNTHESE BIOLOGIQUE DU DESOXY-D-XYLULOSE PHOSPHATE

(71, 72) **JOMAA, Hassan** [DE/DE]; Breslauer Strasse 24, D-35398 Giessen (DE).

(74) **PANTEN, Kirsten** et al. / etc.; Reichel und Reichel, Parkstrasse 13, D-60322 Frankfurt am Main (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/68**

(11) **WO 00/72023** (13) A2

(21) PCT/IB00/00688

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911772.3 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIAGNOSIS AND TREATMENT OF ATHEROSCLEROSIS AND CORONARY HEART DISEASE
• DIAGNOSTIC ET TRAITEMENT DE L'ATHEROSCLEROSE ET DES CORONAROPATHIES

(71) **SEMMELWEIS UNIVERSITY OF MEDICINE** [HU/HU]; Ulloi Str. 26, H-1085 Budapest (HU).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SINGH, Mahavir** [IN/DE]; Waldblick 6, D-38124 Braunschweig (DE).

(72, 75) **PROHASZKA, Zoltan** [HU/HU]; Ostrom u. 8/A, H-1015 Budapest (HU). **FUST, Gyorgy** [HU/HU]; Hegyalja út 10, H-1016 Budapest (HU). **ROMICS, Laszlo** [HU/HU]; Zolyomi u. 40/A, H-1112 Budapest (HU).

(74) **ROBERTSON, James, Alexander**; McNeight & Lawrence, Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01N 33/82, 33/52**

(11) **WO 00/72024** (13) A1

(21) PCT/US00/11899

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/315,688 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR QUANTIFYING ANTIOXIDANTS IN FOODS AND MEDICAL SPECIMENS
• PROCEDE PERMETTANT DE QUANTIFIER LES ANTIOXYDANTS DANS DES ECHANTILLONS ALIMENTAIRES ET MEDICAUX

(63) US 09/315,688 (CON) 20 May/mai 1999 (20.05.1999)

(71) **SHANBROM TECHNOLOGIES LLC** [US/US]; Suite B, 603 West Ojai Avenue, Ojai, CA 93023-3732 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHANBROM, Edward** [—/US]; 2252 Liane Lane, Santa Ana, CA 92705 (US).

(74) **KIRCHANSKI, Stefan, J.** et al. / etc.; Hogan & Hartson L.L.P., Biltmore Tower, Suite 1900, 500 South Grand Avenue, Los Angeles, CA 90071 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01P 15/08, G01D 5/353, G01H 9/00**

(11) **WO 00/72025** (13) A1

(21) PCT/DE00/01347

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) de (26) de

(30) 199 23 448.5 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BRAGG GRATING DEVICE FOR MEASURING AN ACCELERATION
• DISPOSITIF A RESEAUX DE BRAGG SERVANT A MESURER UNE ACCELERATION

(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) **KRÄMMER, Peter** [DE/DE]; Memelstrasse 39, D-91052 Erlangen (DE). **WILLSCH, Michael** [DE/DE]; Schwabacher Strasse 15, D-90762 Fürth (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01R 1/06, 1/04**

(11) **WO 00/72026** (13) A1

(21) PCT/GB00/01870

(22) **22 Apr/avr 2000 (22.04.2000)**

(25) en (26) en

(30) 9911811.9 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CURRENT, VOLTAGE OR POWER DETECTOR
• DETECTEUR DE COURANT, DE TENSION OU DE PUISSANCE

(71) **LEM HEME LIMITED** [GB/GB]; 1 Penketh Place, West Pimbo, Skelmersdale, Lancashire WN8 0QX (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EBENEZER, Desmond, Nullan** [GB/GB]; 3 Kirkdale Gardens, UpHolland, Lancashire WN8 0BD (GB).

(74) **NEILL, Alastair, William** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01R 15/18, 19/32**

(11) **WO 00/72027** (13) A1

(21) PCT/IB00/00717

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 0973/99 **25 May/mai 1999** CH **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRICAL CURRENT SENSOR
• DETECTEUR DE COURANT ELECTRIQUE

(71) **ARBEITSGEMEINSCHAFT PROF. HUGEL AGPH** [CH/CH]; c/o Eth Zürich, El. techn. Entwicklungen und Konstruktionen, Gloriastrasse 35, CH-8006 Zürich (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KARRER, Nicolas** [CH/CH]; Mutschellenstrasse 24, CH-8002 Zürich (CH). **HOFER-NOSER, Patrick** [CH/CH]; Segantinistrasse 11, CH-3006 Bern (CH).

(74) **WILLIAM BLANC & CIE**; Conseils en Propriété Industrielle S.A., 9, rue du Valais, CH-1202 Geneva (CH).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01R 19/165, 31/36**

(11) **WO 00/72028** (13) A1

(21) PCT/US00/13464

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,528 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VOLTAGE MONITOR CIRCUIT WITH ADJUSTABLE HYSTERESIS USING A SINGLE COMPARATOR
• CIRCUIT DE CONTROLE DE TENSION A HYSTERESIS REGLABLE UTILISANT UN SEUL COMPARATEUR

(71) **MICREL INCORPORATED** [US/US]; 1849 Fortune Drive, San Jose, CA 95131 (US).

(72) **YEE, Philip, W.**; 890 Dover Court, Los Altos, CA 94022 (US).

(74) **OGONOWSKY, Brian, D.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01R 31/28**

(11) **WO 00/72029** (13) A2

(21) PCT/CA00/00780

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,259 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANALOG TEST OUTPUT SWITCHABLY CONNECTED TO PCMCIA CONNECTOR PIN
• SIGNAL DE TEST ANALOGIQUE RACCORDE DE MANIERE COMMUTABLE A UNE BROCHE DE CONNECTEUR PCMCIA

(71) **SIERRA WIRELESS, INC.** [CA/CA]; Suite 150, 13575 Commerce Parkway, Richmond, British Columbia V6V 2L1 (CA).

(72) **MILLER, Bruce, Michael**; 427 10th Street, Richmond, British Columbia V7L 2E5 (CA). **MCKEEN, Trent**; 3242 Samuel's Court, Coquitlam, British Columbia V3E 1C8 (CA).

(74) **VERMETTE & CO.**; Box 40, Granville Square, 230-200 Granville Street, Vancouver, British Columbia V6C 1S4 (CA).

(81) CA CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01R 31/316, 31/311**

(11) **WO 00/72030** (13) A1

(21) PCT/US99/11299

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR WIRELESS TESTING OF INTEGRATED CIRCUITS
• PROCEDE ET APPAREIL DESTINES A TESTER SANS FIL DES CIRCUITS INTEGRES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660-3095 (US).

(72) **WHITE, Stanley, A.**; 433 East Avenida Cordoba, San Clemente, CA 92672 (US). **WALLEY, Kenneth, S.**; 19262 Shadow Oak Drive, Portola Hills, CA 91679 (US). **JOHNSTON, James, W.**; 11 via Solano, Rancho Santa Margarita, CA 92688 (US). **HENDERSON, P., Michael**; 12450 Butler Way, Tustin, CA 92782 (US). **ANDREWS, Warner, B., Jr.**; 754 16th Street, Boulder, CO 80302 (US). **SIANN, Jonathan, I.**; 12501 Dormouse Road, San Diego, CA 92129 (US). **HALE, Kelly, H.**; 4 Cancun, Aliso Viejo, CA 92656 (US).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, Arizona 85004-0001 (US).

(81) CA CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01R 33/28**

(11) **WO 00/72031** (13) A1

(21) PCT/GB00/01888

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911682.4 **19 May/mai 1999** GB **(19.05.1999)**

(30) 9916567.2 **14 Jul/juil 1999** GB **(14.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS OF MAGNETIC RESONANCE IMAGING (MRI) USING CONTRACT AGENT SOLUTIONS FORMED FROM THE DISSOLUTION OF HYPERPOLARISED MATERIALS
• PROCEDE D'IMAGERIE PAR RMN UTILISANT DES SOLUTIONS D'AGENTS DE CONTRASTE PROVENANT DE LA DISSOLUTION DE MATERIAUX HYPERPOLARISES

(63) US 60/139,258 (CIP) 15 Jun/juin 1999 (15.06.1999)
US 60/146,947 (CIP) 2 Aug/août 1999 (02.08.1999)

(71) **NYCOMED IMAGING AS** [NO/NO]; P.O. Box 4220, N-0401 Oslo (NO).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **MOY, David** [GB/GB]; Frank B Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
*(only for / seulement pour GB)*

(72, 75) **AXELSSON, Oskar** [SE/SE]; Nycomed Innovation AB, Medeon Malmo, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). **JOHANNESSON, Haukur** [IS/SE]; Nycomed Innovation AB, Medeon Malmo, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). **ARDENKJAER-LARSEN, Jan, Henrik** [DK/SE]; Nycomed Innovation AB, Medeon Malmo, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). **LAURSEN, Ib** [DK/DK]; Lyngtoften 20, DK-2800 Lyngby (DK).

(74) **MOY, David** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01R 33/28**

(11) **WO 00/72032** (13) A1

(21) PCT/GB00/01963

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911937.2 **21 May/mai 1999** GB **(21.05.1999)**

(30) 0007869.1 **31 Mar/mar 2000** GB **(31.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF MAGNETIC RESONANCE IMAGING
• PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE

(71) **NYCOMED IMAGING AS** [NO/NO]; N-0401 Oslo (NO).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **COCKBAIN, Julian** [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).
*(only for / seulement pour GB)*

(72, 75) **BRILEY-SÆBO, Karen** [US/NO]; Nycomed Imaging AS, N-0401 Oslo (NO). **BJØRNERUD, Atle** [NO/NO]; Nycomed Imaging AS, N-0401 Oslo (NO). **NANZ, Daniel** [CH/CH]; University of Zurich, Raemistrasse 71, CH-8006 Zurich (CH). **WEISHAUPT, Dominik** [CH/CH]; University of Zurich, Raemistrasse 71, CH-8006 Zurich (CH).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01R 33/34**

(11) **WO 00/72033** (13) A2

(21) PCT/US00/14046

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,269 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RF COIL FOR IMAGING SYSTEM
• BOBINAGE HF POUR SYSTEME D'IMAGERIE

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) **VAUGHAN, John, T.**; 2021 Sixth Street S.E., Minneapolis, MN 55455 (US).

(74) **KRANSDORF, Ronald, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01R 33/3415, 33/561, 33/483**

(11) **WO 00/72034** (13) A1

(21) PCT/EP00/04306

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 99201642.8 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAGNETIC RESONANCE IMAGING METHOD WITH SUB-SAMPLING
• PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE AVEC SOUS-ECHANTILLONNAGE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **VAN DEN BRINK, Johan, S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LAMERICHS, Rudolf, M., J., N.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **FOLKERS, Paulus, J., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN MUISWINKEL, Arianne, M., C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PRUESSMANN, Klaas, P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WEIGER, Markus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DYDAK, Ulrike**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01R 33/56**

(11) **WO 00/72035** (13) A1

(21) PCT/DE00/01485

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 23 587.2 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTER FOR ANALYZING DATA FROM MEASUREMENTS OF NUCLEAR MAGNETIC RESONANCE, NUCLEAR MAGNETIC RESONANCE TOMOGRAPH PROVIDED WITH SAID COMPUTER, AND METHOD FOR ANALYZING DATA FROM MEASUREMENTS OF NUCLEAR MAGNETIC RESONANCE
• ORDINATEUR POUR L'EXPLOITATION DE DONNEES RESULTANT DE MESURES DE RESONANCE MAGNETIQUE NUCLEAIRE, TOMOGRAPHE A RESONANCE NUCLEAIRE POURVU D'UN TEL ORDINATEUR, ET PROCEDE D'EXPLOITATION DE DONNEES RESULTANT DE MESURES DE RESONANCE MAGNETIQUE NUCLEAIRE

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; D-52425 Jülich (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KISELEV, Valeri** [BY/DE]; Einsteinstrasse 3, D-52428 Jülich (DE). **WIESE, Stefan** [DE/DE]; Freiligrathstrasse 49, D-50935 Köln (DE). **POSSE, Stefan** [DE/US]; 745 Bedford Road, Grosse Pointe Park, MI 48230 (US).

(74) **JOSTARNDT, Hans-Dieter**; Eupener Strasse 266, D-52076 Aachen (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01R 33/561, 33/3415**

(11) **WO 00/72036** (13) A1

(21) PCT/EP00/04215

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 99201646.9 **20 May/mai 1999 (20.05.1999)** EP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAGNETIC RESONANCE IMAGING METHOD WITH SUB-SAMPLING
• TECHNIQUE D'IMAGERIE PAR RESONANCE MAGNETIQUE PAR SOUS-ECHANTILLONNAGE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **VAN DEN BRINK, Johan, S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HOOGEVEEN, Romhild, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **FOLKERS, Paulus, J., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PRUESSMANN, Klaas, P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WEIGER, Markus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01R 33/563**

(11) **WO 00/72037** (13) A1

(21) PCT/GB00/01960

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911939.8 **21 May/mai 1999 (21.05.1999)** GB

(30) 0007867.5 **31 Mar/mar 2000 (31.03.2000)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF MAGNETIC RESONANCE IMAGING
• PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE

(71) **NYCOMED IMAGING AS** [NO/NO]; N-0401 Oslo (NO).
*(for all designated States except / pour tous les États désignés sauf US)*

(71) **COCKBAIN, Julian** [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).
*(only for / seulement pour GB)*

(72, 75) **BJØRNERUD, Atle** [NO/NO]; Nycomed Imaging AS, N-0401 Oslo (NO). **BRILEY-SÆBO, Karen** [US/NO]; Nycomed Imaging AS, N-0401 Oslo (NO). **KNOPP, Michael, Vinzenz** [DE/DE]; Deutsches Krebsforschungszentrum, FSP E0103, Im Neuenheimer Feld 280, 69120 Heidelberg (DE). **MCGILL, Stephen** [GB/NO]; Parkveien 6B, N-0350 Oslo (NO). **SCHOENBERG, Stefan, Oswald** [DE/DE]; Deutsches Krebsforschungszentrum, FSP E0130, Im Neuenheimer Feld 280, 69120 Heidelberg (DE).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01R 33/563**

(11) **WO 00/72038** (13) A1

(21) PCT/US00/14290

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,427 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETERMINATION OF AN EMPIRICAL STATISTICAL DISTRIBUTION OF THE DIFFUSION TENSOR IN MRI
• DETERMINATION D'UNE DISTRIBUTION EMPIRIQUE STATISTIQUE DU TENSEUR DE DIFFUSION DANS UN PROCEDE IRM

(71) **THE GOVERNMENT OF THE UNITED STATES, as represented by THE SECRETARY OF THE DEPT. OF HEALTH AND HUMAN SERVICES** [US/US]; Office of Technology Transfer, National Institute of Health, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BASSER, Peter, J.** [US/US]; 3319 Q Street, N.W., Washington, DC 20007-2717 (US). **PAJEVIC, Sinisa** [YU/US]; 2000 Baltimore Rd. Apt. A-12, Rockville, MD 20851 (US).

(74) **SARTORI, Michael, A.** et al. / etc.; Venable, P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01R 33/567**

(11) **WO 00/72039** (13) A1

(21) PCT/CA00/00556

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 60/134,867 **19 May/mai 1999 (19.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL MOTION DETECTION FOR MRI
• DETECTION DE MOUVEMENT OPTIQUE D'IRM

(71) **NATIONAL RESEARCH COUNCIL OF CANADA** [CA/CA]; Intellectual Property Services, Ottawa, Ontario K1A 0R6 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EVIATAR, Hadass** [IL/CA]; 28 Smithfield Avenue, Winnipeg, Manitoba R2V 0B6 (CA). **SCHATTKA, Bernhard, J.** [CA/CA]; 21-431 Stradbrook Avenue, Winnipeg, Manitoba R3L 0J7 (CA). **ALEXANDER, Murray, Ellis** [CA/CA]; 54 Park Grove Drive, Winnipeg, Manitoba R2J 3L6 (CA). **SHARP, Jonathan, Curnow** [GB/CA]; 19 Glenlawn Avenue, Winnipeg, Manitoba R2M 0X6 (CA). **ROSHICK, Jeremy, Joseph** [CA/CA]; 291 Inkster Blvd., floor 2, Winnipeg, Manitoba R2W 0K2 (CA).

(74) **ADE & COMPANY**; 1700-360 Main Street, Winnipeg, Manitoba R3C 3Z3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01S 1/02**

(11) **WO 00/72040** (13) A1

(21) PCT/IB99/00931

(22) **21 May/mai 1999 (21.05.1999)**

(25) de (26) de

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MONITORING OF THE PHASE ANGLE OF COURSE AND CLEARANCE SIGNALS IN AN INSTRUMENT LANDING SYSTEM
• CONTROLE DE LA POSITION DE PHASE DE SIGNAUX DE ROUTE ET D'AUTORISATION DANS UN SYSTEME D'ATTERRISSAGE AUX INSTRUMENTS

(71) **AIRSYS NAVIGATION SYSTEMS GMBH** [DE/DE]; Lorenzstrasse 10, D-70435 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KLEIBER, Herbert** [DE/FR]; Thomson-CSF Propriété Intellectuelle, Département Brevets, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **THOMSON-CSF PROPRIETE INTELLECTUELLE**; Département Brevets, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).

(81) CA NO US.

---

(51)[7] **G01S 5/14**

(11) **WO 00/72041** (13) A1

(21) PCT/US00/00108

(22) **3 Jan/jan 2000 (03.01.2000)**

(25) en (26) en

(30) 09/318,337 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/438,349 **11 Nov/nov 1999** US **(11.11.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR DETERMINATION OF A RECEIVER POSITION
• APPAREIL ET PROCEDE DE DETERMINATION DE LA POSITION D'UN RECEPTEUR

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02173 (US).

(72) **DUTKA, Stephen, C.**; 15071 East Gunnison Place, Aurora, CO 80012 (US).

(74) **MEIER, Harold, E.**; Baker Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01S 5/16**

(11) **WO 00/72042** (13) A1

(21) PCT/US99/11449

(22) **24 May/mai 1999 (24.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ORIENTATION DEPENDENT RADIATION SOURCE
• SOURCE DE RAYONNEMENT DÉPENDANTE DE L'ORIENTATION

(71) **GO SENSORS, INC.** [US/US]; 3049 Lockwood Terrace, Sarasota, FL 34231 (US).

(72) **SCHMIDT, Karl, B.**; 3049 Lockwood Terrace, Sarasota, FL 34231 (US). **ARMSTRONG, Brian, S., R.**; 4107 North Prospect Avenue, Shorewood, WI 53211 (US).

(74) **MORRIS, James, H.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **G01S 7/41, 13/02**

(11) **WO 00/72043** (13) A1

(21) PCT/SE00/00988

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901861-6 **21 May/mai 1999** SE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR OBJECT DETECTION
• PROCEDE ET DISPOSITIF DE DETECTION D'OBJET

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **DE LAVAL, Georg**; Stenhyddegatan 3, S-431 69 Mölndal (SE).

(74) **BERGENTALL, Annika** et al. / etc.; Cegumark AB, P.O. Box 53047, S-400 14 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01S 11/02, G01C 22/00, G01P 1/07, H04B 17/00**

(11) **WO 00/72044** (13) A1

(21) PCT/DE00/01470

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 23 690.9 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR ESTIMATING THE RELATIVE SPEED OF A TRANSMITTER IN RELATION TO A RECEIVER
• PROCEDE ET DISPOSITIF POUR EVALUER LA VITESSE RELATIVE D'UN EMETTEUR PAR RAPPORT A UN RECEPTEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOWALEWSKI, Frank** [DE/DE]; Schierke 16, D-38228 Salzgitter (DE). **SCHMIDT, Gunnar** [DE/DE]; Ziegenberg 6, D-38304 Wolfenbuettel (DE). **BAER, Siegfried** [DE/DE]; Belchenstrasse 9, D-75179 Pforzheim (DE). **LAUMEN, Josef** [DE/DE]; Hansering 56, D-31141 Hildesheim (DE). **HANS, Martin** [DE/DE]; Spandauer Weg 9, D-31141 Hildesheim (DE). **BECKMANN, Mark** [DE/DE]; Fasanenstrasse 12, D-38102 Braunschweig (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01S 13/90**

(11) **WO 00/72045** (13) A1

(21) PCT/EP00/03741

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) en (26) en

(30) MI99A001154 **25 May/mai 1999** IT **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR RADAR MEASUREMENTS OF THE MOVEMENT OF CITY AREAS AND LANDSLIDING ZONES
• PROCEDE DE MESURES RADAR DU MOUVEMENT DE ZONES URBAINES ET DE ZONES DE GLISSEMENT DE TERRAINS

(71) **POLITECNICO DI MILANO** [IT/IT]; Piazza Leonardo da Vinci, 32, I-20133 Milano (IT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FERRETTI, Alessandro** [IT/IT]; Via Zurigo, 28, I-20147 Milano (IT). **PRATI, Claudio** [IT/IT]; Via Marsala, 3, I-20121 Milano (IT). **ROCCA, Fabio** [IT/IT]; Viale Lombardia, 34, I-20131 Milano (IT).

(74) **MITTLER, Enrico**; Mittler & C. s.r.l., Viale Lombardia, 20, I-20131 Milano (IT).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G01S 17/10, 7/483**

(11) **WO 00/72046** (13) A1

(21) PCT/SE00/01055

(22) **24 May/mai 2000 (24.05.2000)**

(25) sv (26) en

(30) 9901872-3 **25 May/mai 1999** SE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PULSED COHERENT LASER RADAR SYSTEM
• SYSTEME LADAR A FAISCEAUX COHERENTS PULSES

(71) **FÖRSVARETS FORSKNINGSANSTALT** [SE/SE]; S-172 90 Stockholm (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KARLSSON, Christer** [SE/SE]; Långgatan 81, S-589 55 Linköping (SE).

(74) **FÖRSVARETS MATERIELVERK**; Patentenheten, S-115 88 Stockholm (SE).

(81) AU JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G01S 17/74, 5/16**

(11) **WO 00/72047** (13) A1

(21) PCT/US99/11451

(22) **24 May/mai 1999 (24.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR DETERMINING THE ANGULAR ORIENTATION OF AN OBJECT
• APPAREIL ET PROCEDE POUR DEFINIR L'ORIENTATION ANGULAIRE D'UN OBJET

(71, 72) **SCHMIDT, Karl, B.** [US/US]; 2454 North 96th Street, Wauwatosa, WI 53226 (US). **ARMSTRONG, Brian, S., R.** [US/US]; 4107 North Prospect Avenue, Shorewood, WI 53211 (US).

(74) **MORRIS, James, H.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01T 1/29, H01J 37/244**

(11) **WO 00/72048** (13) A1

(21) PCT/US00/14283

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/320,226 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FARADAY CUP FOR DETERMINATION OF POWER DENSITY DISTRIBUTION OF ELECTRON BEAMS
• CHAMBRE D'IONISATION DE FARADAY POUR DETERMINER LA DISTRIBUTION DE LA DENSITE DE PUISSANCE DE FAISCEAUX ELECTRONIQUES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) **ELMER, John, W.**; 2745 Deer Meadow Drive, Danville, CA 94506 (US). **TERUYA, Alan, T.**; 851 Placenza Street, Livermore, CA 94550 (US).

(74) **CARNAHAN, L., E.**; P.O. Box 808, L-703, Livermore, CA 94551 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G01V 1/00, 1/02**

(11) **WO 00/72049** (13) A1

(21) PCT/IB00/00654

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/134,905 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED SEISMIC SURVEYING METHOD
• PROCEDE AMELIORE DE RELEVES SEISMIQUES

(71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 24th Floor, Monenco Place, 801 6th Avenue S.W., Calgary, Alberta T2P 3W2 (CA).
*(only for / seulement pour CA)*

(71) **SCHLUMBERGER TECHNOLOGY CORPORATION** [US/US]; 1325 South Dairy Ashford, Sugar Land, TX 77077 (US).
*(for all designated States except / pour tous les États désignés sauf CA FR US)*

(71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint Dominique, F-75007 Paris (FR).
*(only for / seulement pour FR)*

(72, 75) **MOLDOVEANU, Nicolae** [CA/US]; 4611 Green Tail Drive, Houston, TX 77084 (US).

(74) **STOOLE, Brian, D.**; Geco-Prakla (UK) Limited, Schlumberger House, Buckingham Gate, Gatwick, West Sussex RH6 0NZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G01V 3/00**

(11) **WO 00/72050** (13) A1

(21) PCT/US00/14171

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,645 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR PARALLEL DATA ACQUISITION FROM A MRI COIL ARRAY
• PROCEDE ET APPAREIL D'ACQUISITION DE DONNEES EN PARALLELE A PARTIR D'UN RESEAU

(71, 72) **KYRIAKOS, Walid, E.** [LB/US]; 7 Euston Street, Apt. #4, Brookline, MA 02446 (US). **KACHER, Daniel, F.** [US/US]; 58 Ridgemont Street, Apt. #2, Allston, MA 02134 (US).

(74) **JOAO, Raymond, A.**; Ruskin, Moscou, Evans & Faltischek, P.C., 170 Old Country Road, Mineola, NY 11501-4366 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 1/00**

(11) **WO 00/72051** (13) A2

(21) PCT/US00/11949

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 09/318,211 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROGRESSIVE ADDITION LENSES WITH MODIFIED CHANNEL POWER PROFILES
• LENTILLES PROGRESSIVES A PROFILS DE PUISSANCE DE CANAL MODIFIES

(71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurion Boulevard, Suite 100, Jacksonville, FL 32256 (US).

(72) **MENEZES, Edgar, V.**; 6558 Hidden Woods Drive, Roanoke, VA 24018 (US).

(74) **GIANNESCHI, Lois, A.**; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AU BR CA CN DE ES IL IN JP KP MX RU SG.

(84) EP (BE FR GB IE IT NL).

---

(51)[7] **G02B 1/04, A61L 27/34, C08J 7/04**

(11) **WO 00/72052** (13) A1

(21) PCT/US00/13229

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/315,620 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SURFACE TREATMENT OF MEDICAL DEVICES WITH REACTIVE HYDROPHILIC POLYMERS
• TRAITEMENT DE SURFACE DE DISPOSITIFS MEDICAUX A L'AIDE DE POLYMERE HYDROPHILES REACTIFS

(71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604 (US).

(72) **VALINT, Paul, L., Jr.**; 1 Farm Field Lane, Pittsford, NY 14534 (US). **MCGEE, Joseph, A.**; 125 Terrace View Road, DeWitt, NY 13214 (US). **SALAMONE, Joseph, C.**; 740 N.W. 6th Street, Boca Raton, FL 33486 (US). **OZARK, Richard, M.**; 626 Third Street, Solvay, NY 13209 (US).

(74) **FURR, Robert, B., Jr.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 1/11, 5/28, C03C 17/34**

(11) **WO 00/72053** (13) A1

(21) PCT/FR00/01313

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06407 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSPARENT SUBSTRATE WITH LOW-EMMISSIVITY ANTIGLARE OR INFRARED ABSORBING COATING
• SUBSTRAT TRANSPARENT A REVETEMENT ANTIREFLETS BAS-EMISSIF OU ANTI-SOLAIRE

(71) **SAINT-GOBAIN VITRAGE** [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ANDERSON, Charles** [FR/FR]; 39, boulevard de la Paix, F-92400 Courbevoie (FR). **NADAUD, Nicolas** [FR/FR]; 63, avenue Pasteur, F-94250 Gentilly (FR).

(74) **RENOUS CHAN, Véronique** et al. / etc.; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(81) CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 5/04, F21V 5/02**

(11) **WO 00/72054** (13) A1

(21) PCT/EP00/03609

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) de (26) de

(30) 199 23 226.1 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL ELEMENT WITH A MICROPRISM STRUCTURE FOR DEVIATING LIGHT RAYS
• ELEMENT OPTIQUE AYANT UNE STRUCTURE DE MICROPRISMES AUX FINS DE DEVIATION DE RAYONS LUMINEUX

(71) **ZUMTOBEL STAFF GMBH** [AT/AT]; Schweizer Strasse 30, A-6851 Dornbirn (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEJKORA, Günther** [AT/AT]; Freien 809, A-6867 Schwarzenberg (AT).

(74) **SCHMIDT-EVERS, Jürgen**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (DE).

(81) AU CA CN JP KR MX NO NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 5/128, C09J 7/02, 7/04, B65H 35/00**

(11) **WO 00/72055** (13) A1

(21) PCT/US00/14120

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,501 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HAND TEARABLE PATTERNED RETROREFLECTIVE MATERIAL
• MATIERE RETROREFLECHISSANTE A MOTIFS DETACHABLE A LA MAIN

(71) **TYCO ADHESIVES JP** [US/US]; 1400 Providence Highway, Norwood, MA 02062 (US).

(72) **WONG, Wilkey**; 3 Arbitus Trail, Coventry, RI 02816 (US). **SERRA, Jerry, M.**; 11 Clydesdale Road, Chelmsford, MA 01824 (US). **KLIPP, Richard, J.**; 40 King Arthur Way, Mansfield, MA 02048 (US).

(74) **COHAN, Greogry, J.**; Banner & Witcoff, Ltd., 28 State Street, 28th Floor, Boston, MA 02109 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G02B 5/30, 27/28, B41M 3/14, B32B 7/02, B44F 1/12, B42D 15/10**

(11) **WO 00/72056** (13) A1

(21) PCT/JP00/03292

(22) **23 May/mai 2000 (23.05.2000)**

(25) ja (26) ja

(30) 11/143998 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LAMINATED COMPOSITE BODY, INFORMATION RECORDING MEDIUM, AND MEMBER FOR IMPARTING COUNTERFEIT PREVENTIVE FUNCTION
• CORPS COMPOSITE STRATIFIE, SUPPORT D'ENREGISTREMENT D'INFORMATIONS ET ELEMENT PERMETTANT D'ATTRIBUER UNE FONCTION DE PREVENTION DES CONTREFAÇONS

(71) **TOPPAN PRINTING CO., LTD.** [JP/JP]; 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GOCHO, Satoshi** [JP/JP]; Toppan Printing Co., Ltd., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP). **KIJIMA, Atsushi** [JP/JP]; Toppan Printing Co., Ltd., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP). **KUBO, Akira** [JP/JP]; Toppan Printing Co., Ltd., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP). **ITO, Noriyuki** [JP/JP]; Toppan Printing Co., Ltd., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP). **SHINDO, Naoaki** [JP/JP]; Toppan Printing Co., Ltd., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 5/32**

(11) **WO 00/72057** (13) A1

(21) PCT/US00/14675

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,934 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIGHT CONCENTRATING SYSTEM
• SYSTEME DE CONCENTRATION DE LUMIERE

(71) **DIGILENS INC.** [US/US]; 306 Potrero Avenue, Sunnyvale, CA 94086 (US).

(72) **POPOVICH, Milan, M.**; 53 Westfield Road, Leicester LE5 6HU (GB).

(74) **KAPLAN, Cindy, S.**; Ritter, Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real, Los Altos, CA 94022 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 6/00**

(11) **WO 00/72058** (13) A2

(21) PCT/US00/11064

(22) **24 Apr/avr 2000 (24.04.2000)**

(25) en (26) en

(30) 09/303,163 **30 Apr/avr 1999** US **(30.04.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND APPARATUS FOR ENHANCING DYNAMIC RANGE, SENSITIVITY, ACCURACY, AND RESOLUTION IN FIBER OPTIC SENSOR SYSTEMS
• PROCEDES ET APPAREIL POUR AMELIORER LA GAMME DYNAMIQUE, LA SENSIBILITE, LA PRECISION ET LA RESOLUTION DES SYSTEMES DE CAPTEURS A FIBRE OPTIQUE

(71) **SCHLUMBERGER LIMITED** [NL/US]; 277 Park Avenue, New York, NY (US).
*(only for / seulement pour GB)*

(71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 24th floor, Monenco Place, 801 6th Avenue, SW, Calgary, Alberta T2P 3W2 (CA).
*(only for / seulement pour CA)*

(71) **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
*(for all designated States except / pour tous les États désignés sauf BE BF BJ BR CA CF CG CI CM CN FR GA GB GH GN GR JP KE ML MR MW MX NE NL PL PT RO SE SG SK SN SZ TD TG)*

(71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint-Dominique, F-75430 Paris Cedex 07 (FR).
*(only for / seulement pour FR)*

(71) **SCHLUMBERGER HOLDINGS LIMITED** [—/—]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
*(only for / seulement pour BE GH GR JP KE MW NL PL PT RO SD SE SG SZ)*

(71) **SCHLUMBERGER OVERSEAS S.A.** [PA/PA]; No. 8 Calle Aquilino de la Guardia, Panama City (PA).
*(only for / seulement pour CN)*

(71) **PRAD RESEARCH AND DEVELOPMENT N.V.** [NL/NL]; P.O. Box 812, De Ruyterkade 62, Willemstad, Curacao (AN).
*(only for / seulement pour BF BJ CF CG CI CM GA GN ML MR NE SN TD TG)*

(71) **SCHLUMBERGER SURENCO, S.A.** [PA/VE]; Torre Humboldt, Piso 13, Avenida Rio Caura, Pargue, Humboldt, Caracas 1080 (VE).
*(only for / seulement pour BR MX)*

(72) **YAMATE, Tsutomu**; 31 Ledgewood Drive, Brookfield, CT 06804 (US). **SCHROEDER, Robert, J.**; 71 Castle Hill Road, Newtown, CT 06470 (US). **RAMOS, Rogerio, T.**; 60 Linda Lane, Bethel, CT 06801 (US). **UDD, Eric**; 2555 N.E. 205th Avenue, Fairview, OR 97024 (US).

(74) **BATZER, William**; Intellectual Property Law Department, Schlumberger-Doll Research, Old Quarry Road, Ridgefield, CT 06877-4108 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 6/00, 6/34**

(11) **WO 00/72059** (13) A1

(21) PCT/US00/14422

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,761 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/574,266 **19 May/mai 2000** US **(19.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PASSIVE TEMPERATURE-COMPENSATING PACKAGE FOR FIBER BRAGG GRATING DEVICES
• BOITIER DE COMPENSATION DE TEMPERATURE PASSIVE POUR DISPOSITIFS A RESEAU DE BRAGG A FIBRE

(71) **THOMAS & BETTS INTERNATIONAL, INC.** [US/US]; 250 Lillard Drive, Sparks, NV 89431 (US).

(72) **DARIOTIS, Stavros**; 82 Dennis Street, #3, Attleboro, MA 02703 (US). **CRYAN, Colm, V.**; 276 Massachusetts Avenue, #102, Arlington, MA 02474 (US). **MANTY, Margaret**; 75 Barder Street, Whitinsville, MA 01588 (US). **PRYSHLACK, Adrian, P.**; 9 Eliot Circle, Milton, MA 02186 (US).

(74) **HJORTH, Beverly, E.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) CA JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 6/12, C03C 15/00, G02B 6/34**

(11) **WO 00/72060** (13) A1

(21) PCT/GB00/01915

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99303963.5 **21 May/mai 1999** EP **(21.05.1999)**

(30) 99303964.3 **21 May/mai 1999** EP **(21.05.1999)**

(30) 99303962.7 **21 May/mai 1999** EP **(21.05.1999)**

(30) 99303961.9 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAKING GROOVES IN PLANAR SILICA OPTICAL WAVEGUIDES
• FABRICATION D'ENCOCHES DANS DES GUIDES D'ONDES OPTIQUES PLANS A BASE DE SILICE

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROGERS, David, Carnegie** [GB/GB]; 33 St. John's Road, Ipswich, Suffolk IP4 5DF (GB). **MAXWELL, Graeme, Douglas** [GB/GB]; 137 Rushmere Road, Ipswich, Suffolk IP4 4LH (GB). **POUSTIE, Alistair, James** [GB/GB]; 60 Lattice Avenue, Ipswich, Suffolk IP4 5LL (GB).

(74) **LENG, Francis, Edward**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 6/12**

(11) **WO 00/72061** (13) A1

(21) PCT/GB00/01916

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99303961.9 **21 May/mai 1999** EP **(21.05.1999)**

(30) 99303962.7 **21 May/mai 1999** EP **(21.05.1999)**

(30) 99303963.5 **21 May/mai 1999** EP **(21.05.1999)**

(30) 99303964.3 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PLANAR OPTICAL WAVEGUIDES WITH DOUBLE GROOVES
• GUIDES D'ONDE OPTIQUES PLANAIRES A DEUX RAINURES

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROGERS, David, Carnegie** [GB/GB]; Douglas House, 33 St Johns Road, Ipswich, Suffolk IP4 5DF (GB). **MAXWELL, Graeme, Douglas** [GB/GB]; 137 Rushmere Road, Ipswich, Suffolk IP4 4LH (GB). **POUSTIE, Alistair, James** [GB/GB]; 60 Lattice Avenue, Ipswich, Suffolk IP4 5LL (GB).

(74) **LENG, Francis, Edward**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 6/12, G02F 1/225**

(11) **WO 00/72062** (13) A1

(21) PCT/GB00/01935

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99303962.7 **21 May/mai 1999 (21.05.1999)** EP

(30) 99303964.3 **21 May/mai 1999 (21.05.1999)** EP

(30) 99303961.9 **21 May/mai 1999 (21.05.1999)** EP

(30) 99303963.5 **21 May/mai 1999 (21.05.1999)** EP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PLANAR OPTICAL WAVEGUIDES WITH GROOVES
• GUIDES D'ONDES OPTIQUES PLANAIRES POURVUS DE SILLONS

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROGERS, David, Carnegie** [GB/GB]; 33 St. John's Road, Ipswich, Suffolk IP4 5DF (GB). **MAXWELL, Graeme, Douglas** [GB/GB]; 137 Rushmere Road, Ipswich, Suffolk IP4 4LH (GB). **POUSTIE, Alistair, James** [GB/GB]; 60 Lattice Avenue, Ipswich, Suffolk IP4 5LL (GB).

(74) **LENG, Francis, Edward**; BT Group Legal Services, Intellectual Property Dept., 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **G02B 6/12, G02F 1/29**

(11) **WO 00/72063** (13) A1

(21) PCT/US00/13728

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,378 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • M x N OPTICAL CROSS-CONNECT
• BRASSEUR OPTIQUE M x N

(71) **NANOVATION TECHNOLOGIES, INC.** [US/US]; 3665 South Bayshore Drive, Suite 501, Miami, FL 33133 (US). **NORTHWESTERN UNIVERSITY** [US/US]; 633 Clark Street, Evanston, IL 60208 (US).

(72) **CHIN, Mee, Koy**; 3506 Elmwood Avenue, Wilmette, IL 60091 (US). **HO, Seng-Tiong**; 120 Picardy Lane, Wheeling, IL 60090 (US).

(74) **ROSENTHAL, Lawrence** et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G02B 6/12**

(11) **WO 00/72064** (13) A1

(21) PCT/US00/13833

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,378 **21 May/mai 1999 (21.05.1999)** US

(30) 60/155,668 **22 Sep/sep 1999 (22.09.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NANOPHOTONIC DIRECTIONAL COUPLER DEVICE
• COUPLEUR DIRECTIONNEL NANOPHOTONIQUE

(71) **NANOVATION TECHNOLOGIES, INC.** [US/US]; Suite 501, 2665 South Bayshore Drive, Miami, FL 31333 (US). **NORTHWESTERN UNIVERSITY** [US/US]; 633 Clark Street, Evanston, IL 60208 (US).

(72) **CHIN, Mee, Koy**; 3506 Elmwood Avenue, Wilmette, IL 60091 (US). **HO, Seng-Tiong**; 120 Picardy Lane, Wheeling, IL 60090 (US).

(74) **ROSENTHAL, Lawrence** et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 6/12**

(11) **WO 00/72065** (13) A1

(21) PCT/US00/13856

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,378 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OVAL RESONATOR DEVICE
• DISPOSITIF RESONATEUR OVALE

(71) **NANOVATION TECHNOLOGIES, INC.** [US/US]; Suite 501, 2665 South Bayshore Drive, Miami, FL 33133 (US). **NORTHWESTERN UNIVERSITY** [US/US]; 633 Clark Street, Evanston, IL 60206 (US).

(72) **CHIN, Mee, Koy**; 3506 Elmwood Avenue, Wilmette, IL 60091 (US). **HO, Seng-Tiong**; 120 Picardy Lane, Wheeling, IL 60090 (US).

(74) **ROSENTHAL, Lawrence** et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 6/124, 6/293, G02F 1/313**

(11) **WO 00/72066** (13) A1

(21) PCT/GB00/01919

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99303964.3 **21 May/mai 1999 (21.05.1999)** EP

(30) 99303962.7 **21 May/mai 1999 (21.05.1999)** EP

(30) 99303961.9 **21 May/mai 1999 (21.05.1999)** EP

(30) 99303963.5 **21 May/mai 1999 (21.05.1999)** EP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ARRAYED WAVEGUIDE GRATINGS

• RÉSEAUX OPTIQUES MATRICIELS DE GUIDES D'ONDES

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROGERS, David, Carnegie** [GB/GB]; 33 St. John's Road, Ipswich, Suffolk IP4 5DF (GB). **MAXWELL, Graeme, Douglas** [GB/GB]; 137 Rushmere Road, Ipswich, Suffolk IP4 4LH (GB). **POUSTIE, Alistair, James** [GB/GB]; 60 Lattice Avenue, Ipswich, Suffolk IP4 5LL (GB).

(74) **LENG, Francis, Edward**; BT Group Legal Services, Intellectual Property Dept., 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 6/16**

(11) **WO 00/72067** (13) A1

(21) PCT/GB00/01934

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911698.0 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HOLEY OPTICAL FIBRES

• FIBRES À BANDE INTERDITE PHOTONIQUE

(71) **UNIVERSITY OF SOUTHAMPTON** [GB/GB]; Highfield, Southampton SO17 1BJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRODERICK, Neil, Gregory, Raphael** [GB/GB]; 98 Harrison Road, Swaythling, Southampton SO17 3TJ (GB). **BENNETT, Peter, Jonathan** [GB/GB]; 22 Orchard Street, Chelmsford, Essex CM2 0HD (GB). **MONRO, Tanya, Mary** [GB/GB]; 4 Tower Gardens, Bassett, Southampton SO16 7EL (GB). **RICHARDSON, David, John** [GB/GB]; 1 Midanbury Lane, Bitterne Park, Southampton S018 4HY (GB).

(74) **HAINES, Miles, John**; D Young & Co., 21 New Fetter Lane, London EC1A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(b)*

---

(51)[7] **G02B 6/16, H04B 10/18**

(11) **WO 00/72068** (13) A1

(21) PCT/US00/12075

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 09/317,652 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL FIBER DELIVERY SYSTEM FOR ULTRA-SHORT PULSES

• SYSTEME D'AMENEE A FIBRES OPTIQUES POUR IMPULSIONS ULTRA-COURTES

(71) **SPECTRA-PHYSICS LASERS, INC.** [US/US]; 1334 Terra Bella Avenue, Mountain View, CA 94043 (US).

(72) **SPENCE, David, E.**; Apartment #1, 1247 Valerian Court, Sunnyvale, CA 94086 (US). **KAFKA, James**; 928 Wright Avenue, Mountain View, CA 94043 (US).

(74) **DAVIS, Paul**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

(81) DE GB.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 6/38**

(11) **WO 00/72069** (13) A1

(21) PCT/EP00/04536

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 416.7 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FERRULE FOR AN OPTICAL WAVEGUIDE

• FERRULE POUR UN GUIDE D'ONDES OPTIQUES

(71) **TYCO ELECTRONICS LOGISTICS AG** [CH/CH]; AMPèrestrasse 3, CH-9323 Steinach (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUER, Jürgen** [DE/DE]; Unterer Graben 18, D-85049 Darmstadt (DE).

(74) **HIRSCH, Peter**; Klunker, Schmitt-Nilson, Hirsch, Winzererstrasse 106, D-80797 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G02B 6/38**

(11) **WO 00/72070** (13) A1

(21) PCT/US00/13019

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/317,513 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTI-TERMINATOR OPTICAL INTERCONNECT SYSTEM

• SYSTEME D'INTERCONNEXION OPTIQUE MULTI-TERMINAISON

(71) **METHODE ELECTRONICS, INC.** [US/US]; 7444 West Wilson Avenue, Chicago, IL 60656-4549 (US).

(72) **SCHOFIELD, Philip, W.**; 1218 North Euclid, Oak Park, IL 60302 (US). **BARDOUNIOTIS, Anastasia**; 4435 North Francisco, Chicago, Il 60625 (US).

(74) **BARRETT, Robert, M.**; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G02B 6/44**

(11) **WO 00/72071** (13) A1

(21) PCT/EP00/04596

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 19992393 **19 May/mai 1999** NO **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL SUBMARINE CABLE

• CABLE OPTIQUE SOUS-MARIN

(71) **ALCATEL** [FR/FR]; 54, rue La Boétie, F-75008 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BIRKELAND, Tom, Harald** [NO/NO]; Svalevegen 2, N-1929 Auli (NO). **TOFTEN, Tom, Eirik** [NO/NO]; Furuveien 23, N-8200 Fauske (NO). **VINTERMYR, Inge** [NO/NO]; Skullerudveien 76, N-0694 Oslo (NO).

(74) **LAROCHE, Danièle**; Compagnie Financière Alcatel, DPI, 30, avenue Kléber, F-75116 Paris (FR).

(81) AU JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 6/44**

(11) **WO 00/72072** (13) A1

(21) PCT/GB00/01863

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911612.1 **19 May/mai 1999** GB **(19.05.1999)**

(30) 0010283.0 **28 Apr/avr 2000** GB **(28.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CABLE TERMINATION
• TERMINAISON DE CABLE

(71) **N.V. RAYCHEM S.A.** [BE/BE]; Diestsesteenweg 692, B-3010 Kessel-Lo (BE).
*(only for / seulement pour AT AU BE BR CA CH CN CY CZ DE DK ES FI FR GB GR HU ID IE IL IN IT JP KR LU MC MX NL NO PL PT RO RU SE TR UA ZA)*

(71) **TYCO ELECTRONICS UK LTD.** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
*(only for / seulement pour MG)*

(72, 75) **KALMES, Philippe** [BE/BE]; Stokerijstraat 12, B-3500 Hasselt (BE). **VAN NOTEN, Lodewijk** [BE/BE]; Oude Rondelaan 96, B-3000 Leuven (BE). **KEMPENEERS, Dirk** [BE/BE]; Betekomsesteenweg 26, B-3200 Aarschot (BE). **MENDES, Luis, Neves** [BE/BE]; Anonciadelaan 11, B-3130 Begijnendijk (BE). **SCHURMANS, Erik** [BE/BE]; Hogenstraat 53, B-3450 Hogen-Geetbets (BE).

(74) **BEITSMA, Gerhard, Romano** et al. / etc.; Tyco Electronics UK Ltd., Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) AU BR CA CN CZ HU ID IL IN JP KR MG MX NO PL RO RU TR UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 6/44**

(11) **WO 00/72073** (13) A1

(21) PCT/GB00/01864

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911612.1 **19 May/mai 1999** GB **(19.05.1999)**

(30) 0010281.4 **28 Apr/avr 2000** GB **(28.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BREAK-OUT DEVICE
• PLATINE D'ASSEMBLAGE

(71) **N.V. RAYCHEM S.A.** [BE/BE]; Diestsesteenweg 692, B-3010 Kessel-Lo (BE).
*(only for / seulement pour AT AU BE BR CA CH CN CY CZ DE DK ES FI FR GB GR HU ID IE IL IN IT JP KR LU MC MX NL NO PL PT RO RU SE TR UA ZA)*

(71) **TYCO ELECTRONICS UK LTD.** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
*(only for / seulement pour MG)*

(72, 75) **KEMPENEERS, Dirk** [BE/BE]; Betekomsesteenweg 26, B-3200 Aarschot (BE). **MENDES, Luiz, Neves** [BE/BE]; Anonciadelaan 11, B-3130 Begijnendijk (BE). **VAN NOTEN, Lodewijk** [BE/BE]; Oude Rondelaan 96, B-3000 Leuven (BE). **KALMES, Philippe** [BE/BE]; Stokerijstraat 12, B-3500 Hasselt (BE). **LEEMAN, Sam** [BE/BE]; Craenendonck 12, B-3000 Leuven (BE). **LEGRAND, Johan** [BE/BE]; Hertstraat 27/36, B-3221 Nieuwrode (BE). **VANDEPOEL, Jos** [BE/BE]; Liebroekstraat 149, B-3545 Halen (BE).

(74) **BEITSMA, Gerhard, Romano** et al. / etc.; Tyco Electronics UK Ltd., Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) AU BR CA CN CZ HU ID IL IN JP KR MG MX NO PL RO RU TR UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 6/44**

(11) **WO 00/72074** (13) A1

(21) PCT/US00/12024

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 09/305,579 **5 May/mai 1999** US **(05.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL FIBER ROUTING AND SUPPORT APPARATUS
• DISPOSITIF DE SUPPORT ET D'ACHEMINEMENT DE FIBRES OPTIQUES

(71) **MARCONI COMMUNICATIONS, INC.** [US/US]; 5900 Landerbrook Drive, Cleveland, OH 44124 (US).

(72) **BUABBUD, George, H.**; 1606 Pheasant Lane, Southlake, TX 76052 (US). **BERGERON, David, L.**; 2502 Central Drive #321, Bedford, TX 76021 (US). **BRADSHAW, Janet, A.**; 5409 Park Place, Flower Mound, TX 75028 (US). **SMITH, Carl**; 4905 Womack, The Colony, TX 75056 (US). **WILSON, Stephen, J.**; 604 Highland Drive, Cedar Hill, TX 75104 (US).

(74) **COCHRAN, David, B.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G02B 7/36**

(11) **WO 00/72075** (13) A1

(21) PCT/SE00/00739

(22) **18 Apr/avr 2000 (18.04.2000)**

(25) en (26) en

(30) 9901881-4 **25 May/mai 1999** SE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A DEVICE AND A METHOD FOR AN INFRARED IMAGE ANALYSING AUTOFOCUS
• DISPOSITIF ET PROCEDE PERMETTANT UNE MISE AU POINT AUTOMATIQUE PAR ANALYSE D'IMAGES INFRAROUGES

(71) **FLIR SYSTEMS AB** [SE/SE]; Box 3, S-182 11 Danderyd (SE).

(72) **HELLSTRAND, Magnus**; Professorslingan 45, 3tr, S-104 05 Stockholm (SE).

(74) **BERG, S., A.** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 5581, S-114 85 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02B 21/00, G01N 27/00, G01B 7/34, G03F 7/00, G11B 21/00**

(11) **WO 00/72076** (13) A1

(21) PCT/EP00/04655

(22) **22 May/mai 2000 (22.05.2000)**

(25) de (26) de

(30) 199 23 444.2 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROBE TIP THAT IS TRANSPARENT TO LIGHT AND METHOD FOR PRODUCING THE SAME
• EXTREMITE DE SONDE TRANSPARENTE A LA LUMIERE ET SON PROCEDE DE PRODUCTION

(71, 72) **BRUGGER, Jürgen** [DE/DE]; Königseggstrasse 21, D-79618 Rheinfelden (DE). **VAN HULST, Niek** [NL/NL]; Mr. P.J. Troelstraat 23, NL-7522 BD Enschede (NL).

(74) **RÖSLER, Uwe**; Landsberger Strasse 480a, D-81241 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G02B 21/16**

(11) **WO 00/72077** (13) A1

(21) PCT/EP00/04492

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 822.7 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SCANNING DEVICE, ESPECIALLY FOR DETECTING FLUORESCENT LIGHT
• DISPOSITIF DE BALAYAGE SERVANT DE PREFERENCE A DETECTER UNE LUMIERE FLUORESCENTE

(71) **CARL ZEISS JENA GMBH** [DE/DE]; Carl-Zeiss-Promenade 10, D-07745 Jena (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHMIDT, Stefan** [DE/DE]; Buchaer Str. 6 b, D-07745 Jena (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G02B 21/24**

(11) **WO 00/72078** (13) A1

(21) PCT/EP00/04493

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 821.9 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND ARRAY FOR DETECTING THE POSITION OF A PLANE SCANNED WITH A LASER SCANNER
• PROCEDE ET DISPOSITIF POUR DETECTER LA POSITION D'UN PLAN A EXPLORER PAR BALAYAGE AU LASER

(71) **CARL ZEISS JENA GMBH** [DE/DE]; Carl-Zeiss-Promenade 10, D-07745 Jena (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÜHLHOFF, Dirk** [DE/DE]; Am Planetarium 43, D-07743 Jena (DE). **RUDOLPH, Günther** [DE/DE]; Ottogerd-Mühlmann-Str. 14, D-07743 Jena (DE). **SCHMIDT, Stefan** [DE/DE]; Buchaer Str. 6 b, D-07745 Jena (DE). **DÖRING, Gerhard** [DE/DE]; Dorfstr. 16, D-07646 Schlöben (DE). **BERTHEL, Günter** [DE/DE]; Freiligrathstr. 24, D-07743 Jena (DE). **HARTMANN, Thomas** [DE/DE]; Höhenweg 3, D-07749 Jena (DE).

(74) **CARL ZEISS JENA GMBH**; Carl-Zeiss-Promenade 10, D-07745 Jena (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G02B 27/00**

(11) **WO 00/72079** (13) A2

(21) PCT/GB00/01979

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 9912072.7 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRO-OPTIC DEVICES
• DISPOSITIFS ELECTRO-OPTIQUES

(71) **MARCONI APPLIED TECHNOLOGIES LIMITED** [GB/GB]; One Bruton Street, London W1X 8AQ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SPENCER, Simon, Howard** [GB/GB]; "Padarn", Hopping Jack's Lane, Danbury, Chelmsford, Essex (GB). **PRITCHARD, William, Philip** [GB/GB]; 39 Woodhall Road, Chelmsford, Essex CM1 4AE (GB).

(74) **COCKAYNE, Gillian**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (GB).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02B 27/14, G03F 7/20**

(11) **WO 00/72080** (13) A1

(21) PCT/US00/13977

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,780 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR PROVIDING RECTANGULAR SHAPED ARRAY OF LIGHT BEAMS
• PROCEDE ET DISPOSITIF PERMETTANT D'OBTENIR UN ENSEMBLE RECTANGULAIRE DE FAISCEAUX LUMINEUX

(71) **ETEC SYSTEMS, INC.** [US/US]; 26460 Systems, Inc., Hayward, CA 94545 (US).

(72) **HOWELLS, Samuel, C.**; 11671 SW Teal Boulevard, #E, Beaverton, OR 97007 (US).

(74) **KLIVANS, Norman, R.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02C 5/22**

(11) **WO 00/72081** (13) A1

(21) PCT/IB00/00652

(22) **16 May/mai 2000 (16.05.2000)**

(25) fr (26) fr

(30) 0940/99 **19 May/mai 1999** CH **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SPECTACLES KNUCKLE
• CHARNIERE DE LUNETTES

(71) **LN INDUSTRIES S.A.** [CH/CH]; Chemin de l'Etang 46, Case Postale 256, CH-1219 Châtelaine (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOENNE, Claude** [FR/FR]; La Papeterie, F-74800 Arenthon (FR). **SERAFINI, Luciano** [IT/CH]; Rue des Vollandes 73, CH-1207 Genève (CH). **GERBET, André** [FR/FR]; Rue Jean-Jaurès 3, F-39300 Champagnole (FR).

(74) **ARDIN & CIE. S.A.**; Rue de Genève 122, Case Postale 56, CH-1226 Thônex (CH).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02C 7/08, G02B 3/08**

(11) **WO 00/72082** (13) A1

(21) PCT/CN00/00126

(22) **22 May/mai 2000 (22.05.2000)**

(25) zh (26) zh

(30) 99 2 11181.1 **24 May/mai 1999** CN **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SPECTACLE WITH LENS AND PRISMS
• LUNETTES A PRISMES ECHELONNES ET A LENTILLE

(71, 72) **XU, Shuxiang** [CN/CN]; No. 38, 4-J-501, Taiping Road, Haidian District, Beijing 100039 (CN). **XU, Xiaogang** [CN/CN]; No. 38, 4-J-501 Taiping Road, Haidian District, Beijing 100039 (CN).

(74) **CHINA PATENT AGENT (H.K.) LTD.**; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong Special Administrative Region (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02C 7/16**

(11) **WO 00/72083** (13) A1

(21) PCT/HU99/00055

(22) **3 Aug/août 1999 (03.08.1999)**

(25) en (26) en

(30) P 9901527 **6 May/mai 1999** HU **(06.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EYE-CONDITIONING AND EYESIGHT-IMPROVING DEVICE
• DISPOSITIF DESTINE AU CONDITIONNEMENT DE L'OEIL ET A L'AMELIORATION DE LA VUE

(71, 72) **STREGOVA, Erzsébet** [HU/HU]; Szörény u. 5-7, H-1087 Budapest (HU).

(74) **RÓNASZÉKI, Tibor**; Victor Hugo u. 6-8, H-1132 Budapest (HU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G02F 1/1339, 1/1343, 1/1335**

(11) **WO 00/72084** (13) A1

(21) PCT/JP00/03237

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/140893 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIQUID CRYSTAL DISPLAY PANEL
• AFFICHEUR A CRISTAUX LIQUIDES

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0428 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEKIGUCHI, Kanetaka** [JP/JP]; Citizen Watch Co., Ltd., Technical Laboratory, 840, Aza-Takeno, Oaza-Shimotomi, Tokorozawa-shi, Saitama 359-8511 (JP).

(74) **OSAWA, Takashi**; Ikebukuro White House Building, Room 818, 20-2, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G02F 1/153, G02B 5/23, G01N 27/26**

(11) **WO 00/72085** (13) A1

(21) PCT/US00/12520

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/317,079 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REVERSIBLE INORGANIC ELECTROCHROMIC SOLUTION DEVICE
• DISPOSITIF REVERSIBLE POUR SOLUTION ELECTROCHROMIQUE INORGANIQUE

(71) **TELCORDIA TECHNOLOGIES, INC.** [US/US]; 445 South Street, Morristown, NJ 07960 (US).

(72) **DU PASQUIER, Aurelien**; 53 Spring Street, Red Bank, NJ 07701 (US). **TARASCON, Jean-Marie**; 33 rue Saint Leu, F-80039 Amiens Cedex (FR).

(74) **HEY, David, A.** et al. / etc.; International Coordinator, Telcordia Technologies, Inc., 445 South Street Room 1G112R, Morristown, NJ 07960-6438 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G02F 1/39, G01N 21/01, 21/35**

(11) **WO 00/72086** (13) A1

(21) PCT/JP00/03278

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/144796 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIGHT SOURCE DEVICE FOR USE IN DETECTING GAS
• DISPOSITIF A SOURCE LUMINEUSE POUR LA DETECTION DE GAZ

(71) **MITSUBISHI CABLE INDUSTRIES, LTD.** [JP/JP]; 8, Nishinocho, Higashimukaijima, Amagasaki-shi, Hyogo 660-0856 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAKAMURA, Masaru** [JP/JP]; 1-1, Namiki, Tsukuba-shi, Ibaraki 305-0044 (JP). **TSUNEKAWA, Takashi** [JP/JP]; Itami Factory of Mitsubishi Cable Industries, Ltd., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP). **TANIGUCHI, Koichi** [JP/JP]; Itami Factory of Mitsubishi Cable Industries, Ltd., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP). **TADATOMO, Kazuyuki** [JP/JP]; Itami Factory of Mitsubishi Cable Industries, Ltd., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP).

(74) **TAKASHIMA, Hajime**; Yuki Bldg., 3-9, Hiranomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G03B 15/00, 17/00, 19/02, 27/00, 29/00, G06F 3/12, G06T 1/00, H04N 5/222**

(11) **WO 00/72087** (13) A1

(21) PCT/AU00/00506

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CAMERA MODULE FOR COMPACT PRINTER SYSTEM
• MODULE DE CAMERA POUR SYSTEME D'IMPRIMANTE COMPACT

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, NSW 2121 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G03B 17/00, 29/00, 19/00**

(11) **WO 00/72088** (13) A1

(21) PCT/AU00/00512

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TIMER MODULE FOR COMPACT PRINTER SYSTEM
• MODULE DE TEMPORISATION POUR SYSTEME D'IMPRIMANTE COMPACTE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, NSW 2121 (AU).

(74) **SILVERBROOK RESEARCH PTY. LTD.**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G03B 19/00, 21/00 // H04N 13/00, G03B 1/42**

(11) **WO 00/72089** (13) A1

(21) PCT/FI00/00420

(22) **10 May/mai 2000 (10.05.2000)**

(25) fi (26) en

(30) 991086 **11 May/mai 1999** FI **(11.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CAMERA SYSTEM AND DISPLAY DEVICE
• SYSTEME DE PRISE DE VUES ET DISPOSITIF D'AFFICHAGE

(71) **TEKNILLINEN KORKEAKOULU** [FI/FI]; P.O. Box 1000, FIN-02015 Tkk (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SAARELMA, Hannu** [FI/FI]; Teknillinen Korkeakoulu, Viestintätekniikan Laboratorio, P.O. Box 6400, FIN-02015 Tkk (FI).

(74) **PAPULA OY**; P.O. Box 981, (Fredrikinkatu 61 A), FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G03F**

(11) **WO 00/72090** (13) A2

(21) PCT/SE00/01030

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9901866-5 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD FOR ERROR REDUCTION IN LITHOGRAPHY
• PROCEDE DE REDUCTION DES ERREURS EN GRAVURE

(71) **MICRONIC LASER SYSTEMS AB** [SE/SE]; Box 3141, S-183 93 Täby (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SANDSTRÖM, Torbjörn** [SE/SE]; Banvägen 56, S-435 43 Pixbo (SE). **EKBERG, Peter** [SE/SE]; Norsbacken 5, S-181 31 Lidingö (SE). **ASKEBJER, Per** [SE/SE]; Lavvägen 3, S-184 70 Åkersberga (SE). **EKBERG, Mats** [SE/SE]; Brunnbjörnsvägen 56, S-722 42 Västerås (SE). **THUREN, Anders** [SE/SE]; Eskadervägen 48, S-183 58 Täby (SE).

(74) **AWAPATENT AB**; Box 11394, S-404 28 Göteborg (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G03F 7/00**

(11) **WO 00/72091** (13) A1

(21) PCT/US00/14118

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/320,098 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHOTOSENSITIVE MATERIAL EMPLOYING MICROCAPSULES
• MICROCAPSULES UTILISANT UNE MATIERE PHOTOSENSIBLE

(71) **CYCOLOR, INC.** [US/US]; 3385 Newmark Drive, Miamisburg, OH 45342 (US).

(72) **CAMILLUS, Joseph, C.**; 2698 Wood Bluff Lane, Centerville, OH 45458 (US). **POLYKARPOV, Alexander, Y.**; 5130 Franklin Park, Mason, OH 45040 (US).

(74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine & Flory LLP, 2000 Courthouse Plaza, N.E., P.O. Box 8801, Dayton, OH 45401-8801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **G03F 7/20**

(11) **WO 00/72092** (13) A1

(21) PCT/EP99/03432

(22) **19 May/mai 1999 (19.05.1999)**

(25) de (26) de

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LITHOGRAPHIC EXPOSURE DEVICE AND LITHOGRAPHIC METHOD
• DISPOSITIF D'EXPOSITION LITHOGRAPHIQUE ET PROCEDE LITHOGRAPHIQUE

(71) **DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.** [DE/DE]; 53175 Bonn (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRAUCH, Uwe** [DE/DE]; Haeckerstrasse 19, 70565 Stuttgart (DE). **OPOWER, Hans** [DE/DE]; Sperberweg 13, 82152 Krailling (DE).

(74) **BECK, Jürgen** et al. / etc.; Hoeger, Stellrecht & Partner, Uhlandstrasse 14 c, 70182 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G03F 9/00**

(11) **WO 00/72093** (13) A1

(21) PCT/US00/14399

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,874 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL GAP MEASURING APPARATUS AND METHOD USING TWO-DIMENSIONAL GRATING MARK WITH CHIRP IN ONE DIRECTION
• APPAREIL DE MESURE DE L'INTERVALLE OPTIQUE ET PROCEDE UTILISANT UNE MARQUE A RESEAU OPTIQUE A DEUX DIMENSIONS AVEC FLUCTUATION UNIDIRECTIONNELLE DE LONGUEUR D'ONDE

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) **MOON, Euclid, E.**; 75 St. Alphonsus Street, Apt. 2101, Boston, MA 02120 (US). **EVERETT, Patrick, N.**; 15 Stow Street, Concord, MA 01742 (US). **SMITH, Henry, I.**; 437 Peakham Road, Sudbury, MA 01776 (US).

(74) **CONNORS, Matthew, E.** et al. / etc.; Samuels, Gauthier & Stevens LLP, 225 Franklin Street, Suite 3300, Boston, MA 02110 (US).

(81) CA JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G04B 37/14, A44C 5/14**

(11) **WO 00/72094** (13) A1

(21) PCT/IB00/00586

(22) **8 May/mai 2000 (08.05.2000)**

(25) fr (26) fr

(30) 99110026.4 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BRACELET CLASP
• FERMOIR POUR BRACELET

(71) **CARTIER INTERNATIONAL B.V.** [NL/NL]; Herengracht 436, NL-1017 BZ Amsterdam (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARTIN, Philippe** [FR/FR]; 1, rue du Marais, F-25210 Le Russey (FR).

(74) **LEGER, Jean-François**; Micheli & Cie, 122, rue de Genève, Case Postale 61, CH-1226 Thonex (CH).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G04G**

(11) **WO 00/72095** (13) A2

(21) PCT/EP00/04548

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 808.1 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WATCH
• MONTRE

(71, 72) **EMAMI, Arman** [IR/DE]; Barfussstrasse 17, D-13349 Berlin (DE).

(74) **HEUN, Thomas**; Rathausmarkt 5, D-20095 Hamburg (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G05B 17/02, 23/02**

(11) **WO 00/72096** (13) A1

(21) PCT/DE00/01530

(22) **15 May/mai 2000 (15.05.2000)**

(25) de (26) de

(30) 199 23 982.7 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD, ARRANGEMENT AND COMPUTER PROGRAM FOR DESIGNING A TECHNICAL SYSTEM
• PROCEDE, DISPOSITIF ET PROGRAMME INFORMATIQUE POUR LA CONCEPTION D'UN SYSTEME TECHNIQUE

(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) **SCHULTZ, Reinhart** [DE/DE]; Deisenhofener Weg 8, D-82008 Unterhaching (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G05B 19/00**

(11) **WO 00/72097** (13) A2

(21) PCT/DE00/01526

(22) **15 May/mai 2000 (15.05.2000)**

(25) de (26) de

(30) 199 23 977.0 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR THE PRODUCTION OF AN OPEN-LOOP CONTROL BLOCK AND SAID CONTROL BLOCK
• PROCEDE DE PRODUCTION D'UN BLOC DE CONTROLE, ET BLOC DE CONTROLE Y RELATIF

(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) **SIMMERER, Helmut** [DE/DE]; Röttenbacher Strasse 55, D-91096 Möhrendorf (DE). **LENHART, Bernd** [DE/DE]; Am Schäfersgarten 22, D-96193 Wachenroth (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G05B 19/042**

(11) **WO 00/72098** (13) A1

(21) PCT/EP00/04358

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 335.7 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR NONVOLATILE STORAGE OF AT LEAST ONE OPERATING DATA VALUE OF AN ELECTRICAL MOTOR AND ELECTRICAL MOTOR FOR SAID METHOD
• PROCEDE POUR LA SAUVEGARDE NON VOLATILE D'AU MOINS UNE VALEUR DE DONNEES DE FONCTIONNEMENT D'UN MOTEUR ELECTRIQUE ET MOTEUR ELECTRIQUE POUR L'EXECUTION D'UN TEL PROCEDE

(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) **RAPPENECKER, Hermann** [DE/DE]; Krankenhausstraße 26, D-78147 Vöhrenbach (DE). **JESKE, Frank** [DE/DE]; Friedrich-Ebert-Straße 13, D-78112 St. Georgen (DE). **HORNBERGER, Jörg** [DE/DE]; Nottental 1, D-72280 Dornstetten (DE). **KARWATH, Arno** [DE/DE]; Großhofenstraße 10, D-78628 Rottweil (DE).

(74) **RAIBLE, Hans**; Schoderstraße 10, D-70192 Stuttgart (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **G05B 19/05**

(11) **WO 00/72099** (13) A1

(21) PCT/JP99/02737

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PERIPHERAL DEVICE OF PROGRAMMABLE CONTROLLER
• DISPOSITIF PERIPHERIQUE DE CONTROLEUR PROGRAMMABLE

(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) **NIHEI, Takayuki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) DE JP KR US.

---

(51)[7] **G05D 3/12, G05B 9/02**

(11) **WO 00/72100** (13) A1

(21) PCT/DE00/01587

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 22 979.1 **19 May/mai 1999** DE **(19.05.1999)**

(30) 100 19 152.5 **18 Apr/avr 2000** DE **(18.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTROL SYSTEM WHICH CARRIES OUT THE MODEL-SUPPORTED SAFETY MONITORING OF AN ELECTRONICALLY REGULATED CONTROLLER IN THE MOTOR VEHICLE
• SYSTEME DE REGULATION AVEC SURVEILLANCE DE SECURITE ASSISTEE PAR MODELE D'UN ORGANE DE POSITIONNEMENT A REGULATION ELECTRONIQUE MONTE DANS UN VEHICULE AUTOMOBILE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOMMEL, Mathias** [DE/DE]; Luederitzstrasse 12, D-70825 Korntal (DE). **KRAEMER, Wolfgang** [DE/DE]; Birkenwaldstrasse 133, D-70191 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G05D 11/00, B60R 21/34, B62D 25/10**

(11) **WO 00/72101** (13) A1

(21) PCT/SE00/01032

(22) **23 May/mai 2000 (23.05.2000)**

(25) sv (26) en

(30) 9901868-1 **25 May/mai 1999** SE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COLLAPSIBLE HOOD HINGE
• CHARNIERE A CAPOT REPLIABLE

(71) **VOLVO PERSONVAGNAR AB** [SE/SE]; S-405 31 Göteborg (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BJUREBLAD, Mats** [SE/SE]; Munkegärdegatan 3, S-442 41 Kungälv (SE). **WEIMAN, Martin** [SE/SE]; Pennygången 42, S-414 82 Göteborg (SE).

(74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 Göteborg (SE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G05D 16/20, F04B 49/22**

(11) **WO 00/72102** (13) A1

(21) PCT/US00/14044

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/315,297 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AIR PRIORITY VALVE FOR A COMPRESSED AIR SYSTEM
• SOUPAPE DE PRIORITE A AIR POUR UN SYSTEME D'ALIMENTATION EN AIR COMPRIME

(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Paccot (CH). **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LOUCHART, Theophile, Henry, III** [US/US]; 670 Newman Road, Roebuck, SC 29367 (US).

(74) **FARRELL, Martin**; Michelin North America, Inc., Intellectual Property Department, P.O. Box 2026, Greenville, SC 29602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(b)*

---

(51)[7] **G05F 3/30**

(11) **WO 00/72103** (13) A1

(21) PCT/US00/13949

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/316,529 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOW POWER VOLTAGE REFERENCE WITH IMPROVED LINE REGULATION
• CIRCUIT DE REFERENCE DE TENSION BASSE PUISSANCE AVEC REGULATION DE LIGNE AMELIOREE

(71) **MICREL INCORPORATED** [US/US]; 1849 Fortune Drive, San Jose, CA 95131 (US).

(72) **YEE, Philip, W.**; 890 Dover Court, Los Altos, CA 94022 (US).

(74) **OGONOWSKY, Brian, D.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06E 1/04**

(11) **WO 00/72104** (13) A1

(21) PCT/IL00/00283

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 130038 **19 May/mai 1999** IL **(19.05.1999)**

(30) 131094 **25 Jul/juil 1999** IL **(25.07.1999)**

(30) PCT/IL99/00479 **5 Sep/sep 1999** IL **(05.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL PROCESSOR ARCHITECTURE
• ARCHITECTURE DE PROCESSEUR OPTIQUE

(63) US PCT/IL99/00479 (CIP) 5 Sep/sep 1999 (05.09.1999)

(71) **JTC 2000 DEVELOPMENT(DELAWARE), INC.** [US/US]; c/o Robinson Silverman Pearce Aronsohn & Berman LLP, 1290 Avenue of The Americas, New York, NY 10104 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MENDLOVIC, David** [IL/IL]; 9 Idelman Street, 49550 Petach Tikva (IL). **KONFORTI, Naim** [IL/IL]; Menachem Begin Avenue 36, 58517 Holon (IL). **SARIEL, Aviram** [IL/IL]; Nachshon Street 11, 44447 Kfar Saba (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O.Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06E 3/00**

(11) **WO 00/72105** (13) A1

(21) PCT/IL00/00282

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 130038 **19 May/mai 1999** IL **(19.05.1999)**

(30) 131094 **25 Jul/juil 1999** IL **(25.07.1999)**

(30) PCT/IL99/00479 **5 Sep/sep 1999** IL **(05.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INPUT OUTPUT MATCHING IN OPTICAL PROCESSING
• ADAPTATION DES ENTREES ET DES SORTIES DANS UN SYSTEME DE TRAITEMENT OPTIQUE

(63) US PCT/IL99/00479 (CIP) 5 Sep/sep 1999 (05.09.1999)

(71) **JTC 2000 DEVELOPMENT (DELAWARE), INC.** [US/US]; c/o Robinson Silverman Pearce Aronsohn & Berman LLP, 1290 Avenue of The Americas, New York, NY 10104 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHABTAY, Gal** [IL/IL]; Feldman Street 9, 49549 Petach Tikva (IL). **MENDLOVIC, David** [IL/IL]; Idelman Street 9, 49550 Petach Tikva (IL). **SARIEL, Aviram** [IL/IL]; Nachshon Street 11, 44447 Kfar Saba (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06E 3/00**

(11) **WO 00/72106** (13) A1

(21) PCT/IL00/00284

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 130038 **19 May/mai 1999** IL **(19.05.1999)**

(30) 131094 **25 Jul/juil 1999** IL **(25.07.1999)**

(30) PCT/IL99/00479 **5 Sep/sep 1999** IL **(05.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHASE EXTRACTION IN OPTICAL PROCESSING
• EXTRACTION DE PHASE DANS UN PROCESSUS OPTIQUE

(63) US PCT/IL99/00479 (CIP) 5 Sep/sep 1999 (05.09.1999)

(71) **JTC 2000 DEVELOPMENT (DELAWARE), INC.** [US/US]; c/o Robinson Silverman Pearce Aronsohn & Berman LLP, 1290 Avenue of The Americas, New York, NY 10104 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GOLDENBERG, Efraim** [IL/IL]; Achi Eilat Street 11/16, 77288 Ashdod (IL). **MENDLOVIC, David** [IL/IL]; Idelman Street 9, 49550 Petach Tikva (IL). **MAROM, Emanuel** [IL/IL]; Andersen Street 7, 69107 Tel Aviv (IL). **BERGSTEIN, Leonard** [US/US]; 622 Churchill Road, Teaneck, NJ 07666 (US). **SARIEL, Aviram** [IL/IL]; Nachshon Street 11, 44447 Kfar Saba (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06E 3/00**

(11) **WO 00/72107** (13) A1

(21) PCT/IL00/00285

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 130038 **19 May/mai 1999 (19.05.1999)** IL

(30) 131094 **25 Jul/juil 1999 (25.07.1999)** IL

(30) PCT/IL99/00479 **5 Sep/sep 1999 (05.09.1999)** IL

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL PROCESSING
• TRAITEMENT OPTIQUE

(63) US PCT/IL99/00479 (CIP) 5 Sep/sep 1999 (05.09.1999)

(71) **JTC 2000 DEVELOPMENT (DELAWARE), INC.** [US/US]; c/o Robinson Silverman Pearce Aronsohn & Berman LLP, 1290 Avenue of The Americas, New York, NY 10104 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MENDLOVIC, David** [IL/IL]; Idelman Street 9, 49550 Petach Tikva (IL). **GOLDENBERG, Efraim** [IL/IL]; Achi Eilat Street 11/16, 77288 Ashdod (IL). **KONFORTI, Naim** [IL/IL]; Menachem Begin Avenue 36, 58517 Holon (IL). **ZALEVSKY, Zeev** [IL/IL]; Hermon Street 1, 47260 Rosh Ha'ayin (IL). **SARIEL, Aviram** [IL/IL]; Nachshon Street 11, 44447 Kfar Saba (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06E 3/00, 1/04**

(11) **WO 00/72108** (13) A1

(21) PCT/IL00/00286

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 130038 **19 May/mai 1999 (19.05.1999)** IL

(30) 131094 **25 Jul/juil 1999 (25.07.1999)** IL

(30) PCT/IL99/00479 **5 Sep/sep 1999 (05.09.1999)** IL

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL SEPARATION PROCESSING
• TRAITEMENT DE SEPARATION OPTIQUE

(63) US PCT/IL99/00479 (CIP) 5 Sep/sep 1999 (05.09.1999)

(71) **JTC 2000 DEVELOPMENT (DELAWARE), INC.** [US/US]; c/o Robinson Silverman Pearce Aronsohn & Berman LLP, 1290 Avenue of The Americas, New York, NY 10104 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MENDLOVIC, David** [IL/IL]; Idelman Street 9, 49550 Petach Tikva (IL). **ZALEVSKY, Zeev** [IL/IL]; Hermon Street 1, 47260 Rosh Ha'ayin (IL). **SHABTAY, Gal** [IL/IL]; Feldman Street 9, 49549 Petach Tikva (IL). **SARIEL, Aviram** [IL/IL]; Nachshon Street 11, 44447 Kfar Saba (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F**

(11) **WO 00/72109** (13) A2

(21) PCT/AU00/00553

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) PQ 3348 **25 May/mai 1999 (25.05.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM FOR HANDLING NETWORK TRANSACTIONS
• SYSTEME DE GESTION DE TRANSACTIONS SUR RESEAU

(71) **SAFEPAY AUSTRALIA PTY LIMITED** [AU/AU]; 114 Chelmsford Avenue, Lindfield, NSW 2070 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **O'HARA, John** [AU/AU]; 114 Chelmsford Avenue, Lindfield, NSW 2070 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F**

(11) **WO 00/72110** (13) A2

(21) PCT/AU00/00571

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 3457 **15 Oct/oct 1999 (15.10.1999)** AU

(30) PQ 4392 **1 Dec/déc 1999 (01.12.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTER SYSTEM INTERFACE SURFACE
• SURFACE D'INTERFACE POUR SYSTEME INFORMATIQUE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY. LTD.**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F**

(11) **WO 00/72111** (13) A2

(21) PCT/FR00/01308

(22) **16 May/mai 2000 (16.05.2000)**

(25) fr (26) fr

(30) 99/06511 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UNIVERSAL GRAPH COMPILATION TOOL
• OUTIL UNIVERSEL DE COMPILATION DE GRAPHES

(71) **CROUZET AUTOMATISMES** [FR/FR]; 2, rue du Docteur Abel, F-26000 Valence (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHOVIN, André** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Department Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **CHATENAY, Alain** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Department Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **DESPERRIER, Jean-Louis** et al. / etc.; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(81) AU CA MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F**

(11) **WO 00/72112** (13) A2

(21) PCT/US00/13128

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/133,840 **12 May/mai 1999** US **(12.05.1999)**

(30) 60/133,848 **12 May/mai 1999** US **(12.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OBFUSCATION OF EXECUTABLE CODE
• DISSIMULATION D'UN CODE EXECUTABLE

(71) **FRAUNHOFER CRCG, INC.** [US/US]; 321 S. Main Street, Suite 2, Providence, RI 02093 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LUO, Chenghui** [CN/US]; 702 Greenville Avenue, Johnston, RI 02909 (US). **ZHAO, Jian** [CN/US]; 130 New Road, Rumford, RI 02916 (US).

(74) **NELSON, Gordon, E.**; 57 Central St., P.O. Box 782, Rowley, MA 01969 (US).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F**

(11) **WO 00/72113** (13) A2

(21) PCT/US00/13700

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,258 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COUPON CALENDAR SYSTEM AND METHOD
• PROCEDE ET SYSTEME DE CALENDRIERS A COUPONS

(71) **HOLCORP** [US/US]; 381 Hartz Avenue, Suite A, Danville, CA 94526 (US).

(72) **WILKMAN, Michael, A.**; 381 Hartz Avenue, Suite A, Danville, CA 94526 (US).

(74) **DELANEY, Karoline, A.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F**

(11) **WO 00/72114** (13) A2

(21) PCT/US00/14097

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,435 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/501,169 **9 Feb/fév 2000** US **(09.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR PUBLISHING MANUSCRIPTS
• SYSTEME ET PROCEDE POUR LA PUBLICATION DE MANUSCRITS

(71) **SCHOLARONE, INC.** [US/US]; Suite 275, 1224 West Main Street, Charlottesville, VA 22903 (US).

(72) **CARDEN, William, T., Jr.**; 1602 Grove Road, Charlottesville, VA 22901 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F**

(11) **WO 00/72115** (13) A2

(21) PCT/US00/14541

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/135,901 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR ACCESSING PREDETERMINED SHOPPING WEB SITES
• SYSTEME ET PROCEDE PERMETTANT D'ACCEDER A DES SITES DE VENTE PREDETERMINES SUR LA TOILE

(71) **INDELELINK CORPORATION** [US/US]; P.O. Box 9458, Salt Lake City, UT 84109-9998 (US).

(72) **GERPHEIDE, George**; 3481 South Monte Verde, Salt Lake City, UT 84109 (US).

(74) **O'BRYANT, David, W.** et al. / etc.; Morriss, Bateman, O'Bryant & Compagni, P.C., Suite 300, 5882 South 900 East, Salt Lake City, UT 84121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 1/00**

(11) **WO 00/72116** (13) A2

(21) PCT/DE00/00921

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) de (26) de

(30) 199 22 809.4 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING A BOX PISTON
• PROCEDE DE PRODUCTION D'UN PISTON EN FORME DE CAISSON

(71) **MAHLE GMBH** [DE/DE]; Pragstrasse 26 - 46, D-70376 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TILCH, Peter** [DE/DE]; Wiesenstrasse 3, D-75248 Ölbronn-Dürrn (DE).

(74) **MAHLE GMBH**; Patentabteilung, Pragstrasse 26 - 46, D-70376 Stuttgart (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 1/00, G11C 7/24**

(11) **WO 00/72117** (13) A1

(21) PCT/FR00/01347

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06499 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRIC CIRCUIT MANAGEMENT METHOD AND DEVICE
• PROCEDE ET DISPOSITIF DE GESTION D'UN CIRCUIT ELECTRONIQUE

(71) **STMICROELECTRONICS SA** [FR/FR]; 7, avenue Galliéni, F-94250 Gentilly (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WUIDART, Sylvie** [FR/FR]; Le Cade N°12, F-83910 Pourrières (FR).

(74) **BALLOT, Paul**; 7, rue Le Sueur, F-75116 Paris (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 1/00**

(11) **WO 00/72118** (13) A1

(21) PCT/US00/10213

(22) **13 Apr/avr 2000 (13.04.2000)**

(25) en (26) en

(30) 09/316,717 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR ENFORCING LICENSES ON AN OPEN NETWORK
• PROCEDE ET DISPOSITIF DE MISE EN OEUVRE DE LICENCES SUR UN RESEAU OUVERT

(71) **COMPAQ COMPUTERS INC.** [US/US]; 10435 N. Tautau Avenue, Loc 200-16, Cupertino, CA 95014-3548 (US).

(72) **GLASSMAN, Steven, C.**; 615 Palo Alto Avenue, Mountain View, CA 94041 (US). **MANASSE, Mark, S.**; 1270 Monterey Boulevard, San Francisco, CA 94127 (US).

(74) **GRANATELLI, Lawrence**; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ 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 ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 1/00**

(11) **WO 00/72119** (13) A2

(21) PCT/US00/11821

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 09/305,572 **5 May/mai 1999** US **(05.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND APPARATUS FOR PROTECTING INFORMATION
• PROCEDES ET APPAREILS PERMETTANT DE PROTEGER DES INFORMATIONS

(71, 72) **RABIN, Michael, O.** [IL/US]; 243 Concord Avenue, Apartment 13, Cambridge, MA 02138 (US). **SHASHA, Dennis, E.** [US/US]; 100 Bleeker Street, Apartment 7A, New York, NY 10012 (US).

(74) **SMITH, James, M.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 1/03, H04L 27/12 // G06F 7/72**

(11) **WO 00/72120** (13) A1

(21) PCT/FR00/01309

(22) **16 May/mai 2000 (16.05.2000)**

(25) fr (26) fr

(30) 99/06514 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIGITAL SYNTHESIZER WITH COHERENT DIVISION
• SYNTHETISEUR NUMERIQUE A DIVISION COHERENTE

(71) **THOMSON-CSF** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GABET, Pascal** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **DE GOUY, Jean-Luc** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **LUCAS, Laurent**; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 1/10**

(11) **WO 00/72121** (13) A1

(21) PCT/EP00/04209

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/316,983 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CLOCK SYSTEM FOR MULTIPLE COMPONENT SYSTEM
• SYSTEME D'HORLOGE POUR CONFIGURATION A COMPOSANTES MULTIPLES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **JENSEN, Rune, H.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GARTLAN, Michael**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **O'DWYER, Thomas**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06F 1/24**

(11) **WO 00/72122** (13) A1

(21) PCT/EP00/04188

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/316,783 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RESET SYSTEM FOR MULTIPLE COMPONENT SYSTEM
• SYSTEME DE REINITIALISATION POUR SYSTEME A PLUSIEURS CONSTITUANTS

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **JENSEN, Rune, H.**; Prof. Holstlaan 6, Nl-5656 AA Eindhoven (NL). **GARTLAN, Michael**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06F 3/00**

(11) **WO 00/72123** (13) A2

(21) PCT/US00/13866

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,385 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/575,333 **19 May/mai 2000** US **(19.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PARALLEL GRAPHICAL USER INTERFACE
• INTERFACE UTILISATEUR GRAPHIQUE PARALLELE

(71) **XSIDES CORPORATION** [US/US]; Suite 1600, 821 Second Avenue, Seattle, WA 98104 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NASON, D., David** [US/US]; 6577 Monte Vista Place, Bainbridge Island, WA 98110 (US). **O'ROURKE, Thomas, C.** [US/US]; 2409 East Roanoke, Seattle, WA 98112 (US). **CAMPBELL, Scott** [US/US]; 4120 50th Avenue Northeast, Seattle, WA 98105 (US).

(74) **BIERMAN, Ellen, M.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/06, 17/30**

(11) **WO 00/72124** (13) A1

(21) PCT/AU00/00526

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR ACCESSING THE INTERNET
• PROCEDE ET SYSTEME D'ACCES A L'INTERNET

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **LAPSTUN, Jacqueline, Anne** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03**

(11) **WO 00/72125** (13) A1

(21) PCT/AU00/00533

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR NOTE TAKING
• PROCEDE ET SYSTEME POUR PRENDRE DES NOTES

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU). **LAPSTUN, Jacqueline, Anne** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/033, B41F 31/08, B41L 27/10, B41J 2/21**

(11) **WO 00/72126** (13) A1

(21) PCT/AU00/00560

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERFACE SURFACE PRINTER
• IMPRIMANTE POUR IMPRIMER UNE INTERFACE SUR UNE SURFACE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/033, B41F 31/08, B41L 27/10, B41J 2/21**

(11) **WO 00/72127** (13) A1

(21) PCT/AU00/00561

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERACTIVE PRINTER
• IMPRIMANTE INTERACTIVE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY. LTD.**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/033, B41F 31/08, B41L 27/10, B41J 2/21**

(11) **WO 00/72128** (13) A1

(21) PCT/AU00/00563

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERACTIVE PRINTER WITH ACTUATOR
• IMPRIMANTE INTERACTIVE A ACTIONNEUR

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, NSW 2090 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY. LTD.**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/033, B41F 31/08, B41J 2/21, B41L 27/10**

(11) **WO 00/72129** (13) A1

(21) PCT/AU00/00564

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PORTABLE INTERACTIVE PRINTER
• IMPRIMANTE PORTABLE INTERACTIVE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU). **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, New South Wales 2090 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/06, 17/30, G06K 11/18**

(11) **WO 00/72130** (13) A1

(21) PCT/AU00/00569

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3457 **15 Oct/oct 1999** AU **(15.10.1999)**

(30) PQ 4392 **1 Dec/déc 1999** AU **(01.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTER SYSTEM INTERFACE SURFACE WITH REFERENCE POINTS
• SURFACE D'INTERFACE DE SYSTEME D'ORDINATEURS POURVUE DE POINTS DE REFERENCE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY. LTD.**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/06, G06K 11/18**

(11) **WO 00/72131** (13) A1

(21) PCT/AU00/00572

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3457 **15 Oct/oct 1999** AU **(15.10.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(30) PQ 4392 **1 Dec/déc 1999** AU **(01.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTER SYSTEM CONTROL VIA INTERFACE SURFACE
• COMMANDE DE SYSTEME INFORMATIQUE PAR SURFACE D'INTERFACE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/06, G06K 11/18**

(11) **WO 00/72132** (13) A1

(21) PCT/AU00/00573

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DOCUMENT REQUEST VIA INTERFACE SURFACE
• DEMANDE DE DOCUMENT VIA UNE SURFACE D'INTERFACE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/06, G06K 11/18**

(11) **WO 00/72133** (13) A1

(21) PCT/AU00/00574

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(30) PQ 4392 **1 Dec/déc 1999** AU **(01.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HAND-DRAWING CAPTURE VIA INTERFACE SURFACE
• SAISIE DE DONNEES DE DESSIN MANUEL PAR L'INTERMEDIAIRE D'UNE SURFACE D'INTERFACE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/06, G06K 11/18**

(11) **WO 00/72134** (13) A1

(21) PCT/AU00/00575

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(30) PQ 4392 **1 Dec/déc 1999** AU **(01.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HANDWRITTEN TEXT CAPTURE VIA INTERFACE SURFACE
• SAISIE D'UN TEXTE MANUSCRIT VIA UNE SURFACE INTERFACE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/03, 3/06, G06K 11/18**

(11) **WO 00/72135** (13) A1

(21) PCT/AU00/00577

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTER SYSTEM CONTROL WITH USER DATA VIA INTERFACE SURFACE
• COMMANDE DE SYSTEME INFORMATIQUE INTERAGISSANT AVEC DES DONNEES UTILISATEUR VIA UNE SURFACE INTERFACE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/12**

(11) **WO 00/72136** (13) A1

(21) PCT/AU00/00542

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NETWORK TERMINAL AUTHORIZATION PROTOCOL
• PROTOCOLE D'AUTORISATION POUR TERMINAL DE RESEAU

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ

CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 3/12**

(11) **WO 00/72137** (13) A1

(21) PCT/AU00/00559

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DISTRIBUTING DOCUMENTS
• PROCEDE ET SYSTEME POUR LA DISTRIBUTION DE DOCUMENTS

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 7/04, 17/00, G07C 11/00**

(11) **WO 00/72138** (13) A1

(21) PCT/AU00/00525

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DELIVERY OF A SECURE DOCUMENT
• PROCEDE ET SYSTEME DE DIFFUSION D'UN DOCUMENT SECURISE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 9/00**

(11) **WO 00/72139** (13) A2

(21) PCT/US00/13889

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,752 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BROADCAST DOWNLOAD TECHNIQUE
• TECHNIQUE DE TELECHARGEMENT DE DONNEES DE DIFFUSION

(71) **TRANSCEPT, INC.** [US/US]; 955 Perimeter Road, Manchester, NH 03103 (US).

(72) **PELLETIER, James, A.**; 2 Country Club Drive, Apt. 4, Manchester, NH 03102 (US). **HERBERT, Thomas, G.**; 33 Winrow Drive, Merrimack, NH 03054 (US). **RIGAZIO, Joseph, L., III**; 746 Back Mountain Road, Goffstown, NH 03045 (US).

(74) **KNEDEISEN, Mark, G.** et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 9/00**

(11) **WO 00/72140** (13) A2

(21) PCT/US00/14624

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,518 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXTENDING THE ATTRIBUTES OF AN APPLICATION GENERATED USING A FOURTH GENERATION PROGRAMMING TOOL
• ELARGISSEMENT DES ATTRIBUTS D'UNE APPLICATION GENEREE AU MOYEN D'UN OUTIL DE PROGRAMMATION DE QUATRIEME GENERATION

(71) **ORACLE CORPORATION** [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

(72) **SAXENA, Sanjay**; 4967 Hildasue Terrace, Fremont, CA 94555 (US). **HARRISON, Christopher**; Les Moulis, F-31370 Lautignac (FR).

(74) **HICKMAN, Brian** et al. / etc.; Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 9/00**

(11) **WO 00/72141** (13) A2

(21) PCT/US00/09820

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,493 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR EFFICIENT SERVER RESPONSE GENERATION USING INTERMEDIATE STATE CACHING
• GENERATION DE REPONSE SERVEUR EFFICACE PAR MISE EN ANTEMEMOIRE DES ETATS INTERMEDIAIRES, APPAREIL ET PROGICIEL A CET EFFET

(71) **RESPONDTV, INC.** [US/US]; 1083 Mission Street, San Francisco, CA 94103 (US).

(72) **WEBER, Jay, C.**; 302 Pope Street, Menlo Park, CA 94025 (US).

(74) **DONNELLY, Darren, E.**; McCutchen, Doyle, Brown & Enersen, LLP, Three Embarcadero Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 9/40, 15/16**

(11) **WO 00/72142** (13) A1

(21) PCT/US00/14491

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,664 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/154,150 **15 Sep/sep 1999** US **(15.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PARTITIONING IN DISTRIBUTED COMPUTER SYSTEM
• PARTITIONNEMENT DANS UN SYSTEME D'EXPLOITATION REPARTI

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US). **IBM CORPORATION** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US). **COMPAQ COMPUTER CORP.** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US). **ADAPTEC, INC.** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RECIO, Renato, John** [US/US]; 6707 Winnepeg Cove, Austin, TX 78759 (US). **COWAN, Joe, P.** [US/US]; 2637 Willow Creek Drive, Fort Collins, CO 80525 (US). **BARRON, Dwight, L.** [US/US]; 14910 Pine Point Court, Houston, TX 77070 (US). **PFISTER, Gregory, F.** [US/US]; 5905 Sir Ivor Cove, Austin, TX 78746 (US). **BRADLEY, Mark, W.** [US/US]; 1946 Lefthand Canyon Dirve, Boulder, CO 80302 (US).

(74) **BILLIG, Patrick**; Dicke, Billig & Czaja, P.A., Suite 1250, 701 Fourth Avenue South, Minneapolis, MN 55415 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 9/45**

(11) **WO 00/72143** (13) A1

(21) PCT/US00/13956

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,401 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DATA PROCESSING SYSTEM FOR PROVIDING SUBROUTINE LEVEL INSTRUMENTATION STATISTICS
• PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES AVEC ETABLISSEMENT DE STATISTIQUES SUR L'UTILISATION DES SOUS-PROGRAMMES

(71) **BULL HN INFORMATION SYSTEMS INC.** [US/US]; 300 Concord Road, Billerica, MA 01821-4186 (US).

(72) **GIROUX, Michael**; Apt. #2114, 14830 North Black Canyon Highway, Phoenix, AZ 85023 (US).

(74) **SOLAKIAN, John, S.**; Bull HN Information Systems Inc., 300 Concord Road, Law Office MA30-530, Billerica, MA 01821-4186 (US).

.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 9/455, G03B 11/00**

(11) **WO 00/72144** (13) A1

(21) PCT/US00/12956

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/314,940 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMAGE MODIFIERS FOR USE IN SCANNING PHOTOGRAPHIC IMAGES
• MODIFICATEURS D'IMAGES UTILES DANS L'EXPLORATION D'IMAGES PHOTOGRAPHIQUES

(71) **THE ARIZONA BOARD OF REGENTS ACTING ON BEHALF OF THE UNIVERSITY OF ARIZONA** [US/US]; 1717 E. Speedway Boulevard, Tucson, AZ 85721 (US).

(72) **SCHWIEGERLING, James, T.**; 7363 N. Casablanca Drive, Tucson, AZ 85704 (US). **COYER, William, F.**; 4 Vista Drive, Princeton, NJ 08540 (US).

(74) **KUESTERS, Eckhard, H.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 4th floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 11/00**

(11) **WO 00/72145** (13) A1

(21) PCT/US00/14248

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,204 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANALYZING AN EXTENDED FINITE STATE MACHINE SYSTEM MODEL
• ANALYSE D'UN MODELE DE MACHINE A ETATS FINIS ET ELARGI D'UN SYSTEME

(71) **TERADYNE, INC.** [US/US]; 321 Harrison Avenue, Boston, MA 02118 (US).

(72) **APFELBAUM, Larry**; 89 Chestnut Street, West Newton, MA 02465 (US). **SAVAGE, Peter, L.**; 6 Westgate Road, Mont Vernon, NH 03057 (US). **BELL, Katrin**; 144 Eastern Avenue #203, Manchester, NH 03104 (US).

(74) **WALSH, Edmund, J.**; Teradyne, Inc., 321 Harrison Avenue, Boston, MA 02118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 11/00**

(11) **WO 00/72146** (13) A1

(21) PCT/US00/14291

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,205 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANALYZING AN EXTENDED FINITE STATE MACHINE SYSTEM MODEL
• ANALYSE D'UN MODELE DE SYSTEME MACHINE D'ETATS-FINIS ETENDU

(71) **TERADYNE, INC.** [US/US]; 321 Harrison Avenue, Boston, MA 02118 (US).

(72) **KITA, Ron**; 76 Main Street, Hollis, NH 03049 (US). **KLEVJER, Kaare**; 14 North Hill Road, Westford, MA 01886 (US).

(74) **WALSH, Edmund, J.**; Teradyne, Inc., 321 Harrison Avenue, Boston, MA 02118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 11/00**

(11) **WO 00/72147** (13) A1

(21) PCT/US00/14292

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,286 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANALYZING AN EXTENDED FINITE STATE MACHINE SYSTEM MODEL
• ANALYSE D'UN MODELE DE SYSTEME MACHINE D'ETATS-FINIS ETENDU

(71) **TERADYNE, INC.** [US/US]; 321 Harrison Avenue, Boston, MA 02118 (US).

(72) **APFELBAUM, Larry**; 89 Chestnut Street, West Newton, MA 02465 (US). **SAVAGE, Peter L.**; 6 Westgate Road, Mont Vernon, NH 03057 (US). **TRUMPLER, Mark**; Lexington, MA (US). **DOYLE, John D.**; 75 Main Street, Hollis, NH 03049 (US). **LYNCH, Thomas**; 27 Worcester Road, Hollis, NH 03049 (US). **VASWANI, Ramesh**; Nashua, NH (US).

(74) **WALSH, Edmund, J.**; Teradyne, Inc., 321 Harrison Avenue, Boston, MA 02118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 11/10, H04L 1/18, H03M 13/09, G06F 11/16, 11/14**

(11) **WO 00/72148** (13) A1

(21) PCT/US00/13733

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,437 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FAULT TOLERANT PARITY GENERATION
• GENERATION DE PARITE INSENSIBLE AUX DEFAILLANCES

(63) US 09/315,437 (CON) 20 May/mai 1999 (20.05.1999)

(71) **EMC CORPORATION** [US/US]; 171 South Street, Hopkinton, MA 01748-9103 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MACLELLAN, Christopher, S.** [US/US]; 84 Highview Street, Norwood, MA 02062 (US). **WALTON, John, K.** [US/US]; 22 King Philip Path, Mendon, MA 01756 (US).

(74) **SHARKANSKY, Richard, M.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) DE GB JP KR SE US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 11/30, H04L 9/00**

(11) **WO 00/72149** (13) A1

(21) PCT/US00/11437

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/318,305 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRE-VERIFICATION OF APPLICATIONS IN MOBILE COMPUTING
• VERIFICATION PREALABLE D'APPLICATIONS DANS UN ENVIRONNEMENT INFORMATIQUE MOBILE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **GEIGER, Robert, L.**; 1675 Teri Lane, Algonquin, IL 60102 (US). **PALANISWAMY, Avinash, C.**; 7816 Lakewood Drive, Austin, TX 78750 (US).

(74) **BOSE, Romi, N.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 11/30, 12/14, H04L 9/00, 9/32**

(11) **WO 00/72150** (13) A1

(21) PCT/US00/13726

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,807 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • KEYBOARD MOTION DETECTOR
• DETECTEUR DE MOUVEMENT DE CLAVIER

(71, 72) **GIVEN, Paul** [US/US]; 417 Greenridge Court, De Bary, FL 32713 (US).

(74) **LUKASIK, Frank, A.**; 1250 W. Marion Avenue #142, Punta Gurda, FL 33950 (US).

(81) AU BR CA CN CZ JP KR MX NO PL RU UA VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 11/34**

(11) **WO 00/72151** (13) A1

(21) PCT/EP00/04187

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/316,784 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STOCHASTIC PERFORMANCE ANALYSIS METHOD AND APPARATUS THEREFOR
• PROCEDE D'ANALYSE STOCHASTIQUE DES PERFORMANCES ET APPAREIL ASSOCIE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **O'DONNELL, Ciaran**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 11/36**

(11) **WO 00/72152** (13) A1

(21) PCT/EP00/04195

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 99201568.5 **19 May/mai 1999** EP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DATA PROCESSOR WITH A DEBUG CIRCUIT
• PROCESSEUR DE DONNEES MUNI D'UN CIRCUIT DE DEBOGAGE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **VRANKEN, Hendrikus, P., E.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VISSERS, Kornelis, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SIJSTERMANS, Fransiscus, W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06F 11/36**

(11) **WO 00/72153** (13) A1

(21) PCT/US00/14051

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/316,684 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WEAKEST PRECONDITION ANALYSIS FOR COMPUTER PROGRAMS
• ANALYSE DE LA PLUS FAIBLE PRECONDITION DESTINEE A DES PROGRAMMES INFORMATIQUES

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

(72) **MITCHELL, Charles, L.**; 15114 177th Place N.E., Woodinville, WA 98072 (US).

**HALL, Mark, L.**; 17433 N.E. 129th Street, Redmond, WA 98052 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 13/00, H04L 12/28, G06F 9/44, H04Q 9/00, H04N 5/91**

(11) **WO 00/72154** (13) A1

(21) PCT/JP00/03328

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143989 **24 May/mai 1999 (24.05.1999)** JP

(30) 11/171640 **17 Jun/juin 1999 (17.06.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INFORMATION PROCESSING DEVICE AND METHOD, AND INFORMATION PROCESSING SYSTEM

• DISPOSITIF, PROCEDE ET SYSTEME DE TRAITEMENT DE L'INFORMATION

(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) **HORIGUCHI, Mari** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 13/00**

(11) **WO 00/72155** (13) A1

(21) PCT/US00/10522

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) en (26) en

(30) 09/315,696 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR ESTABLISHING COMMUNICATION IN A PACKET NETWORK

• PROCEDE PERMETTANT D'ETABLIR UNE COMMUNICATION DANS UN RESEAU PAR PAQUETS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **ALI, Irfan**; 1636 Ferndale Avenue, Northbrook, IL 60062 (US). **PAZHYANNUR, Rajesh, S.**; 1348 Geneva Drive, Palatine, IL 60067 (US). **JAYAPALAN, Jay, P.**; 1215 Brandywyn Lane, Buffalo Grove, IL 60089 (US).

(74) **HAAS, Kenneth, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 13/00**

(11) **WO 00/72156** (13) A2

(21) PCT/US00/14016

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,399 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR TRANSMITTING PERIODIC AND APERIODIC DATA OVER A CRITICAL AVIONICS DATABUS

• PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES PERIODIQUES ET APERIODIQUES SUR UN BUS DE DONNEES D'AVIONIQUE CRITIQUE

(71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **BIRKEDAHL, Byrone, F.**; 5541 W. Dailey Street, Glendale, AZ 85306 (US). **EDDY, Brett, Allen**; 19207 N. 34th Avenue, Phoenix, AZ 85027 (US). **HOYME, Kenneth, Paul**; 5930 Annapolis Lane North, Plymouth, MN 55446 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) BR JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 13/00**

(11) **WO 00/72157** (13) A1

(21) PCT/US00/14183

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,833 **24 May/mai 1999 (24.05.1999)** US

(30) Not furnished / non communiqué **23 May/mai 2000 (23.05.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ARCHITECTURE, SYSTEM AND METHOD FOR SCHEDULING NETWORKED RESOURCES USING REPEAT-TIME SEQUENCE DATA

• ARCHITECTURE, SYSTEME ET PROCEDE D'ORDONNANCEMENT DE RESSOURCES EN RESEAU A L'AIDE DE DONNEES SEQUENTIELLES REPETEES

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **BRELIN, Jon**; 1647 Merrill Drive #1, San Jose, CA 95124 (US).

(74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, 260 Sheridan Avenue, Suite 420, Palo Alto, CA 94306 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 13/00**

(11) **WO 00/72158** (13) A1

(21) PCT/US00/14382

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,664 **24 May/mai 1999 (24.05.1999)** US

(30) 60/154,150 **15 Sep/sep 1999 (15.09.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RELIABLE MULTICAST

• SERVICE DE MULTIDIFFUSION FIABLE

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRAUSE, Michael** [US/US]; 17523 Bear Creek Road, Boulder Creek, CA 95006 (US). **WORLEY, Fred, B.** [US/US]; 750 Harvard Avenue #1, Santa Clara, CA 95051 (US). **SCOTT, Kimberly, K.** [US/US]; 2639 Meta Drive, San Jose, CA 95130 (US).

(74) **BILLIG, Patrick**; Dicke, Billig & Czaja, P.A., Suite 1250, 701 Fourth Avenue South, Minneapolis, MN 55415 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 13/00**

(11) **WO 00/72159** (13) A1

(21) PCT/US00/14384

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,664 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/154,150 **15 Sep/sep 1999** US **(15.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RELIABLE DATAGRAM
• DATAGRAMME FIABLE

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRAUSE, Michael** [US/US]; 17523 Bear Creek Road, Boulder Creek, CA 95006 (US). **WORLEY, Fred, B.** [US/US]; 750 Harvard Avenue #1, Santa Clara, CA 95051 (US). **IYER, Shankar, G.** [IN/US]; 10551 Cypress Court, Cupertino, CA 95016 (US).

(74) **BILLIG, Patrick**; Dicke, Billig & Czaha, P.A., Suite 1250, 701 Fourth Avenue South, Minneapolis, MN 55415 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 13/00**

(11) **WO 00/72160** (13) A1

(21) PCT/US00/14398

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,854 **25 May/mai 1999** US **(25.05.1999)**

(30) 60/143,601 **13 Jul/juil 1999** US **(13.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DISK DISPENSING AND RETRIEVAL SYSTEM WITH AUTOMATED QUALITY CONTROL AND INTERNET USAGE FEEDBACK
• SYSTEME DE DISTRIBUTION ET DE RECUPERATION DE DISQUES AVEC CONTROLE AUTOMATIQUE DE QUALITE ET FEED-BACK SUR L'UTILISATION PAR INTERNET

(71) **FREEFLYR LLC** [US/US]; 1115 Del Verde, Newbury Park, CA 91320 (US).

(72) **BARBER, William, H.**; 1201 South Corona Street, Denver, CO 80210 (US). **TOMASI, Philip, J.**; 1115 Del Verde, Newbury Park, CA 91320 (US).

(74) **VOCK, Curtis, A.** et al. / etc.; Duft, Graziano & Forest, P.C., P.O. Box 270930, Louisville, CO 80027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 13/10, 13/38, 13/00, H04L 12/40, 29/06, H04N 5/91, 5/44**

(11) **WO 00/72161** (13) A1

(21) PCT/JP00/03173

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/138940 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIRTUAL AV NETWORK BUILDING DEVICE, VIRTUAL AV NETWORK BUILDING METHOD, AND RECORDED MEDIUM ON WHICH PROGRAM CONCERNING VIRTUAL AV NETWORK BUILDING METHOD IS RECORDED
• DISPOSITIF ET PROCEDE DE CONSTRUCTION D'UN RESEAU AUDIOVISUEL VIRTUEL, ET SUPPORT DANS LEQUEL UN PROGRAMME DE MISE EN OEUVRE DUDIT PROCEDE EST ENREGISTRE

(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) **NANKO, Takahiko** [JP/JP]; 2-34-6, Yurinokidai, Sanda-shi, Hyogo 669-1324 (JP). **YANAGAWA, Yoshifumi** [JP/JP]; 2-1-F509, Nishinorikyumachi, Yamashina-ku, Kyoto-shi, Kyoto 607-8345 (JP). **IITSUKA, Hiroyuki** [JP/JP]; 6-25-6, Kisaichi, Katano-shi, Osaka 576-0033 (JP). **YAMADA, Masazumi** [JP/JP]; 11-14-301, Ikutama-cho, Tennoji-ku, Osaka-shi, Osaka 543-0071 (JP).

(74) **HAYASE, Kenichi**; Hayase & Co. Patent Attorneys, Esaka ANA Building, 8F, 17-1, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 13/40, 13/36**

(11) **WO 00/72162** (13) A1

(21) PCT/US00/12852

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/315,859 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD AND APPARATUS FOR ISOCHRONOUS DATA TRANSPORT OVER AN ASYNCHRONOUS BUS
• METHODE ET APPAREIL POUR TRANSPORT DE DONNEES ISOCHRONES SUR UN BUS ASYNCHRONE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GARNEY, John, I.** [US/US]; 8711 NW Benson Street, Portland, OR 97229 (US). **BAXTER, Brent, S.** [US/US]; 27700 NW Meek Road, Hillsboro, OR 97124 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 13/40**

(11) **WO 00/72163** (13) A1

(21) PCT/US00/14306

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,287 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH-SPEED DIGITAL DISTRIBUTION SYSTEM
• SYSTEME DE REPARTITION NUMERIQUE A GRANDE VITESSE

(71) **HIGH SPEED SOLUTIONS CORPORATION** [US/US]; 7 Kane Industrial Drive, Hudson, MA 01749 (US).

(72) **KNIGHT, Thomas, F.**; 58 Douglas Road, Belmont, MA 02178 (US). **MARKETKAR, Nandu, J.**; 491 Cross Street, Boylston, MA 01505 (US).

(74) **MILSTEIN, Joseph, B.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 15/00**

(11) **WO 00/72164** (13) A1

(21) PCT/US00/13750

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,889 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR SYNCHRONIZING THE BROADCAST CONTENT OF INTERACTIVE INTERNET-BASED PROGRAMS
• PROCEDE ET APPAREIL DE SYNCHRONISATION DU CONTENU DIFFUSE DE PROGRAMMES INTERACTIFS DE TYPE INTERNET

(71) **ROTOR COMMUNICATIONS CORPORATION** [US/US]; 3780 Wilshire Blvd., Suite 800, Los Angeles, CA 90010 (US).

(72) **BARNERT, Andrew**; 6043 Selma Avenue, Hollywood, CA 90028 (US). **BYRD, Kelly**; 13969 Riverside Drive, Sherman Oaks, CA 91423 (US).

(74) **OLIVER, Eric**; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, N.W., Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 15/00, 17/30**

(11) **WO 00/72165** (13) A1

(21) PCT/US00/14497

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,773 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR POPULATING MULTIPLE DATA MARTS IN A SINGLE AGGREGATION PROCESS
• PROCEDE ET APPAREIL D'EQUIPEMENT DE PLUSIEURS MINIENTREPOTS DANS UN PROCESSUS UNIQUE D'AGREGATION

(71) **PLATINUM TECHNOLOGY IP, INC.** [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).

(72) **MAN-YAN TSE, Eva**; 1835 American Elm Court, Sugar Land, TX 77479 (US). **LORE, Michael, Dean**; 22714 Hockaday Drive, Katly, TX 77450 (US). **ATTAWAY, James, Daniel**; 24715 County Down Court, Katy, TX 77494 (US).

(74) **JOHNSTON, R., Blake**; Piper Marbury Rudnick & Wolfe, P.O. Box 64807, Chicago, IL 60664-0807 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 15/02**

(11) **WO 00/72166** (13) A2

(21) PCT/EP00/04735

(22) **24 May/mai 2000 (24.05.2000)**

(25) de (26) de

(30) 199 23 370.5 **24 May/mai 1999 (24.05.1999)** DE

(30) 100 16 117.0 **31 Mar/mar 2000 (31.03.2000)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DATA PROCESSING DEVICE
• UNITE DE TRAITEMENT DE DONNEES

(71, 72) **ROLUS BORGWARD, Glenn** [BE/DE]; Bauerstrasse 8a, D-80796 München (DE).

(74) **HIRSCH, Peter**; Klunker, Schmitt-Nilson, Hirsch, Winzererstrasse 106, D-80797 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 15/16, 17/30**

(11) **WO 00/72167** (13) A1

(21) PCT/US00/13595

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,318 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD AND APPARATUS FOR IMPLEMENTING A WORKGROUP SERVER ARRAY
• PROCEDE ET APPAREIL DE MISE EN OEUVRE D'UN ENSEMBLE DE SERVEURS DE GROUPES DE TRAVAIL

(71, 72) **HWANG, Ivan, Chung-Shung** [US/US]; 13072 Stanton, Santa Ana, CA 92705 (US).

(74) **TACHNER, Leonard**; 17961 Sky Park Circle, Suite 38-E, Irvine, CA 92614 (US).

(81) AL AM AU BA BG BR CA CN CZ EE GE HR HU ID IL IS JP KE KP KR KZ LK LR LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TR UA US UZ VN YU ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06F 15/16**

(11) **WO 00/72168** (13) A1

(21) PCT/US00/13652

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/315,924 **20 May/mai 1999 (20.05.1999)** US

(30) 09/560,048 **27 Apr/avr 2000 (27.04.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR ACCESS TO, AND DELIVERY OF, MULTIMEDIA INFORMATION
• PROCEDE ET APPAREIL D'ACCES A DES INFORMATIONS, ET DE FOURNITURE D'INFORMATIONS MULTIMEDIA

(63) US 09/315,924 (CON) 20 May/mai 1999 (20.05.1999)

(71) **INTENSIFI, INC.** [US/US]; Suite 322, 805 Veterans Boulevard, Redwood City, CA 94063 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ADAMS, Jeffrey, B.** [US/US]; 11 Highlands Court, Belmont, CA 94002 (US).

(74) **EINSCHLAG, Michael, B.**; 25680 Fernhill Drive, Los Altos Hills, CA 94024 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 15/16**

(11) **WO 00/72169** (13) A1

(21) PCT/US00/14294

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,664 **24 May/mai 1999 (24.05.1999)** US

(30) 60/154,150 **15 Sep/sep 1999 (15.09.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONGESTION MANAGEMENT IN DISTRIBUTED COMPUTER SYSTEM

- GESTION D'ENCOMBREMENTS DANS UN SYSTEME INFORMATIQUE REPARTI

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **IBM CORPORATION** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **COMPAQ COMPUTER CORP.** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **ADAPTEC, INC.** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RECIO, Renato, John** [US/US]; 6707 Winnepeg Cove, Austin, TX 78759 (US). **GARCIA, David, J.** [US/US]; 24100 Hutchinson Road, Los Gatos, CA 95033 (US). **KRAUSE, Michael** [US/US]; 17523 Bear Creek Road, Boulder Creek, CA 95006 (US). **THALER, Patricia, A.** [US/US]; 5025 Keane Drive, Carmichael, CA 95608 (US). **KRAUSE, John, C.** [US/US]; 1310 East University Avenue, Georgetown, TX 78626 (US).

(74) **BILLIG, Patrick** et al. / etc.; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road M/S 35, Fort Collins, CO 80527-2400 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 15/167**

(11) **WO 00/72170** (13) A1

(21) PCT/US00/14282

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,664 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/154,150 **15 Sep/sep 1999** US **(15.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- MEMORY MANAGEMENT IN DISTRIBUTED COMPUTER SYSTEM
- GESTION DE MEMOIRE DANS UN SYSTEME INFORMATIQUE REPARTI

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **IBM CORPORATION** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **COMPAQ COMPUTER CORP.** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **ADAPTEC, INC.** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRAUSE, Michael** [US/US]; 17523 Bear Creek Road, Boulder Creek, CA 95006 (US). **BENNER, Alan, F.** [US/US]; 1 Ridgeview Road, Poughkeepsie, NY 12603 (US). **GARCIA, David, J.** [US/US]; 24100 Hutchinson Road, Los Gatos, CA 95033 (US). **JOHN RECIO, Renato** [US/US]; 6707 Winnepeg Cove, Austin, TX 78759 (US).

(74) **BILLIG, Patrick** et al. / etc.; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, 3404 E. Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 15/177**

(11) **WO 00/72171** (13) A1

(21) PCT/US00/14279

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,790 **24 May/mai 1999** US **(24.05.1999)**

(30) 11/863,101 **24 May/mai 2000** US **(24.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- METHOD AND APPARATUS FOR REMOTELY MANAGED LOCAL NETWORK INTERFACE SECURITY
- PROCEDE ET DISPOSITIF DE SECURITE D'INTERFACE DE RESEAU LOCAL GERE A DISTANCE

(71, 72) **PERRY, Gregory** [US/US]; 7828 Flager Circle, Manassas, VA 20109 (US).

(74) **STEIN, Laurence, E.**; Patton Boggs LLP, 2550 M Street, N.W., Washington, DC 20037 (US).

.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 15/21**

(11) **WO 00/72172** (13) A1

(21) PCT/US00/14095

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,560 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- COLLECTIVE BUSINESS SYSTEM
- SYSTEME COLLECTIF D'ACTIVITE COMMERCIALE

(71, 72) **CLARK, Douglas, W.** [US/US]; 373 Hickory Lane, Haddonfield, NJ 08033 (US).

(74) **LETCHFORD, John, F.**; Dilworth Paxson LLP, 3200 Mellon Bank Center, 1735 Market Street, Philadelphia, PA 19103-7595 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72173** (13) A2

(21) PCT/CA00/00600

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 2,272,739 **25 May/mai 1999** CA **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- APPARATUS AND METHOD FOR INTERPRETING AND INTELLIGENTLY MANAGING ELECTRONIC MESSAGES
- DISPOSITIF ET PROCEDE D'INTERPRETATION ET DE GESTION INTELLIGENTE DE MESSAGES ELECTRONIQUES

(71, 72) **ABU-HAKIMA, Suhayya** [CA/CA]; 22 Balding Crescent, Kanata, Ontario K2K 2L4 (CA).

(74) **CASSAN, Lynn** et al. / etc.; Ridout & Maybee, 150 Metcalfe St., 19th Floor, Ottawa, Ontario K2P 1P1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72174** (13) A2

(21) PCT/DE00/01608

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 272.5 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR MODELING A TECHNICAL SYSTEM BY MEANS OF A COMPUTER
• PROCEDE ET DISPOSITIF DE MODELISATION D'UN SYSTEME TECHNIQUE AU MOYEN D'UN ORDINATEUR

(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) **SCHAFFER, Christoph** [AT/AT]; Eisenbahngasse 5/3/12, A-4020 Linz (AT).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72175** (13) A1

(21) PCT/NZ00/00083

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 335978 **25 May/mai 1999** NZ **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROVISION OF INTERNET SERVICES
• FOURNITURE DE SERVICES INTERNET

(71) **HOSPITALITY INFOTAINMENT SYSTEMS LIMITED** [NZ/NZ]; 8/75 Ellice Road, Glenfield, Auckland (NZ).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WATT, Mark** [NZ/NZ]; 8/75 Ellice Road, Glenfield, Auckland (NZ).

(74) **PIPER, James, William** et al. / etc.; Pipers, Unicorn House, 300A Richmond Road, Grey Lynn, Auckland 1002 (NZ).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72176** (13) A2

(21) PCT/US00/13429

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,423 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPROXIMATION OF WEEKLY SALES DATA FROM AUDIT DATA FOR USE IN ANALYTICAL MARKETING MODELS
• APPROXIMATION DE DONNEES DE VENTES HEBDOMADAIRES A PARTIR DE DONNEES DE VERIFICATION UTILISEES DANS DES MODELES DE MARKETING ANALYTIQUE

(71) **THE COCA-COLA COMPANY** [US/US]; One Coca-Cola Plaza, N.W., Atlanta, GA 31313 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KIRK, William, Todd** [US/US]; 698 Penn Avenue, Atlanta, GA 30308 (US). **BRIGHT, Henry, George** [US/US]; 2249 Vinings Cove, Smyrna, GA 30080 (US).

(74) **PAVENTO, Michael, S.** et al. / etc.; Sutherland, Asbill & Brennan, LLP, 999 Peachtree Street, N.E., Atlanta, GA 30309-3996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72177** (13) A2

(21) PCT/US00/13712

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,029 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/428,298 **27 Oct/oct 1999** US **(27.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ALERTS BY SECTOR/NEWS ALERTS
• AVERTISSEMENTS PAR SECTEUR ET AVERTISSEMENTS CONCERNANT DES INFORMATIONS

(71) **SECTORBASE.COM LLC** [US/US]; 568 Howard Street, First Floor, San Francisco, CA 94105 (US).

(72) **BAKER, David, N.**; 308 Spruce Street, San Francisco, CA 94118 (US). **SHUM, Steven, M.**; 127 Avila Street, San Francisco, CA 94123 (US). **PARKER, John**; 60 Seafirth Road, Tiburon, CA 94920 (US).

(74) **GLENN, Michael, A.** et al. / etc.; Glenn Patent Group, 3475 Edison Way, Ste. L, Menlo Park, CA 94025 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72178** (13) A1

(21) PCT/US00/13870

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,076 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A BEVERAGE DISPENSER INCLUDING AN IMPROVED ELECTRONIC CONTROL SYSTEM
• DISTRIBUTEUR DE BOISSONS A SYSTEME DE COMMANDE ELECTRONIQUE AMELIORE

(71) **LANCER PARTNERSHIP, LTD.** [US/US]; 6655 Lancer Boulevard, San Antonio, TX 78219 (US).

(72) **SUDOLCAN, David, C.**; 12365 Rudolph Road #1, Atascosa, TX 78002 (US). **CHADWELL, Thomas, J.**; 3539 Oakhorne, San Antonio, TX 78247 (US).

(74) **MAKAY, Christopher, L.** et al. / etc.; 1634 Milam Building, 115 E. Travis Street, San Antonio, TX 78205 (US).

(81) AE AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06F 17/00**

(11) **WO 00/72179** (13) A2

(21) PCT/US00/13903

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/314,995 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIRTUAL SHOPPING ENVIRONMENT
• ENVIRONNEMENT D'ACHAT VIRTUEL

(71) **4DSHOPPING.COM, INC.** [US/US]; 1 Metrotech Center North, Brooklyn, NY 11201 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RATNER, Bruce, C.** [US/US]; 12 East 78th Street, New York, NY 10021 (US).

(74) **KAHN, Stephen, D.** et al. / etc.; Weil, Gotshal & Manges, LLP, 767 Fifth Avenue, New York, NY 10153 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI

GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72180** (13) A2

(21) PCT/US00/13965

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,057 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NETWORKING INFRASTRUCTURE FOR AN OPERATING ROOM
• INFRASTRUCTURE DE RESEAU POUR SALLE D'OPERATION

(71) **ST. LOUIS UNIVERSITY** [US/US]; 3556 Caroline Street, St. Louis, MO 63104 (US).

(72) **BUCHOLZ, Richard, D.**; St. Louis University School of Medicine, Section of Image Guided Surgery, Donco Building, 1st floor, St. Louis, MO 63104 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72181** (13) A2

(21) PCT/US00/13983

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/134,981 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/409,014 **29 Sep/sep 1999** US **(29.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTEGRATED MEDICAL INFORMATION MANAGEMENT SYSTEM
• SYSTEME DE GESTION INTEGREE DE L'INFORMATION MEDICALE

(71) **MINIMED INC.** [US/US]; 12744 San Fernando Road, Sylmar, CA 91342 (US).

(72) **WELLS, Kevin, C.**; 1007 Ocean Avenue, #201, Santa Monica, CA 90403 (US).

(74) **KOVELMAN, Paul, H.**; MiniMed Inc., 12744 San Fernando Road, Sylmar, CA 91342 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72182** (13) A2

(21) PCT/US00/14159

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,699 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND SYSTEM FOR AMPLITUDE NORMALIZATION AND SELECTION OF DATA PEAKS
• PROCEDES ET SYSTEME POUR NORMALISATION D'AMPLITUDE ET SELECTION DE PICS DE DONNEES

(71) **DIGITAL GENE TECHNOLOGIES, INC.** [US/US]; 11149 North Torrey Pines Road, Suite 110, La Jolla, CA 90237 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRACE, Dennis, R.** [US/US]; 3137 Fenelon Street, San Diego, CA 92106 (US). **DURHAM, Jayson, T.** [US/US]; 10359 Mountain View Lane, Lakeside, CA 92040 (US).

(74) **LESAVICH, Stephen**; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72183** (13) A2

(21) PCT/US00/14175

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,492 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SERVICE LEVEL MANAGEMENT
• GESTION DE NIVEAU DE SERVICE

(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) **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) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72184** (13) A2

(21) PCT/US00/14364

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,522 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A PLATFORM INDEPENDENT SYSTEM OF SPECIFYING AN EMBEDDED USER INTERFACE
• SYSTEME INDEPENDANT DE PLATEFORME INDIQUANT UNE INTERFACE UTILISATEUR ENFOUIE

(71) **MATSUSHITA MOBILE COMMUNICATION DEVELOPMENT CORP. OF U.S.** [US/US]; Suite 2-352, 1225 Nothbrook Parkway, Suwanee, GA 30174 (US).

(72) **ZUSMANIS, Eriks, A.**; 120 Ridge Road, Berkeley Lake, GA 30096 (US). **MADAN, Esteban, C.**; 3522 Ontario Court, Buford, GA 30519 (US).

(74) **BOSS, Gerald, R.**; Troutman Sanders LLP, Suite 5200, 600 Peachtree Street, N.E., Atlanta, GA 30308-2216 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72185** (13) A2

(21) PCT/US00/14617

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,127 **26 May/mai 1999** US **(26.05.1999)**

(30) 60/135,902 **26 May/mai 1999** US **(26.05.1999)**

(30) 60/136,126 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/574,572 **17 May/mai 2000** US **(17.05.2000)**

(30) 09/574,693 **17 May/mai 2000** US **(17.05.2000)**

(30) 09/577,426 **22 May/mai 2000** US **(22.05.2000)**

(30) 09/579,825 **25 May/mai 2000** US **(25.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BEHAVIORAL-SYNTHESIS ELECTRONIC DESIGN AUTOMATION TOOL BUSINESS-TO-BUSINESS APPLICATION SERVICE PROVIDER
• FOURNISSEUR DE SERVICE DE LOGICIEL PASSE-PARTOUT COMPORTANT UN OUTIL D'AUTOMATISATION DE LA CONCEPTION ELECTRONIQUE A SYNTHESE COMPORTEMENTALE

(71) **GET2CHIP** [US/US]; 2107 N. First Street, Suite 350, San Jose, CA 95131 (US).

(72) **FRANK, Elof**; 378 America Avenue, Sunnyvale, CA 94086 (US). **BRAUNE, Bernd**; 624 Fremont Avenue, Menlo Park, CA 94025 (US). **KNAPP, David**; 1281 Goose Point Common, San Jose, CA 95131 (US). **FERNANDES, Pradeep**; 3918 Mylinda Drive, San Jose, CA 95132 (US). **SCHMIDT, Hans-Joachim**; Wahnfriedallee 1B, D-81925 Munchen (DE).

(74) **GLENN, Michael, A.** et al. / etc.; Law Offices of Michael A. Glenn, 3475 Edison Way, Suite L, Menlo Park, CA 94025 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/00**

(11) **WO 00/72186** (13) A2

(21) PCT/US00/08487

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) en (26) en

(30) 60/135,867 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/537,073 **28 Mar/mar 2000** US **(28.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR CREATING DIGITAL ARCHIVES
• PROCEDE ET APPAREIL DE CREATION D'ARCHIVES NUMERIQUES

(71) **SWTV PRODUCTION SERVICES, INC.** [US/US]; 330 S. River Drive, Tempe, AZ 85281 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LUSK, Dennis** [US/US]; 3601 W. Horatio Street, Tampa, FL 33609 (US). **MCGILL, Michael** [US/US]; 1666 Janet Colef, El Paso, TX 79936 (US). **FREEMAN, Mark** [US/US]; 1718 Stoneway, Grapevine, TX 76051 (US).

(74) **CARLSON, Brett, A.**; Snell & Wilmer L.L.P., One Arizona Center, Phoenix, AZ 85004 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/16**

(11) **WO 00/72187** (13) A1

(21) PCT/FR00/01337

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06425 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPLEX NUMBER MULTIPLIER
• MULTIPLIEUR DE NOMBRES COMPLEXES

(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) **MONTALVO, Luis** [FR/FR]; Le Closy, Route du Montaret, F-38580 Allevard (FR). **ARNDT, Marylin** [FR/FR]; 128, Domaine les Plantées, F-38330 Biviers (FR).

(74) **BUREAU D.A. CASALONGA-JOSSE**; 8, avenue Percier, F-75008 Paris (FR).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 17/17, 7/52**

(11) **WO 00/72188** (13) A1

(21) PCT/US00/11777

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/316,892 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR HIGH SPEED SCALE CONVERSION
• PROCEDE ET DISPOSITIF PERMETTANT UNE CONVERSION D'ECHELLE RAPIDE

(71) **SQUARE D COMPANY** [US/US]; 1415 South Roselle Road, Palatine, IL 60067 (US).

(72) **KRYGER, David, L.**; 147 Turnpike Road, Chelmsford, MA 01824 (US). **WEBSTER, Steven, R.**; 16 Brown Road, Raymond, NH 03077 (US).

(74) **GOLDEN, Larry, I.**; Square D Company, 1415 South Roselle Road, Palatine, IL 60067 (US).

(81) CA MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06F 17/17, 17/18, 17/10**

(11) **WO 00/72189** (13) A1

(21) PCT/US00/12619

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 60/135,904 **25 May/mai 1999** US **(25.05.1999)**

(30) 09/520,259 **7 Mar/mar 2000** US **(07.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR MAPPING UNCERTAINTY AND GENERATING A CUBE BASED ON CONDITIONAL SIMULATION OF RANDOM VARIABLES
• METHODE ET DISPOSITIF PERMETTANT DE MAPPER DES INCERTITUDES ET DE PRODUIRE UN CUBE A PARTIR D'UNE SIMULATION CONDITIONNELLE DE VARIABLES ALEATOIRES

(71) **SCHLUMBERGER TECHNOLOGY CORPORATION** [US/US]; 5599 San Felipe, Suite 1700, Houston, TX 77056-2722 (US).

(72) **VAN BEMMEL, Peter, P.**; 615 Marshall, Houston, TX 77076 (US).

(74) **BOUCHARD, John, H.**; 5599 San Felipe, Suite 1700, Houston, TX 77056-2722 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **G06F 17/21**

(11) **WO 00/72190** (13) A1

(21) PCT/JP99/02611

(22) **19 May/mai 1999 (19.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR SUPPORTING DEVELOPMENT OF INTERNET CONTENTS, RECORDED MEDIUM ON WHICH

PROGRAM FOR IMPLEMENTING THE SAME IS RECORDED, AND SYSTEM FOR IMPLEMENTING THE SAME

- PROCEDE POUR PRENDRE EN CHARGE LA MISE AU POINT DE CONTENUS INTERNET, SUPPORT D'ENREGISTREMENT CONTENANT LE PROGRAMME APPLICATIF DU PROCEDE, ET SYSTEME D'APPLICATION DU PROCEDE

(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) **MATSUDA, Shuichi** [JP/JP]; Fujitsu Terminal Systems Lununted, 8-3, Tonyamachi 1-chome, Maebashi-shi, Gumma 371-0855 (JP). **KAWASHIMA, Takashi** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **MASUDA, Minoru** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **MOGI, Akiko** [JP/JP]; Fujitsu Terminal Systems Limited, 8-3, Tonyamachi, 1-chome, Maebashi-shi, Gumma 371-0855 (JP).

(74) **HAYASHI, Tsunenori** et al. / etc.; Hayashi, Doi & Associates, Toshou-Building No. 3, 3-9-5, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) JP US.

---

(51)[7] **G06F 17/28, 17/60**

(11) **WO 00/72191** (13) A1

(21) PCT/FR00/01195

(22) **4 May/mai 2000 (04.05.2000)**

(25) fr (26) fr

(30) 99/06385 **19 May/mai 1999 (19.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- CHIP CARD TERMINAL DISPLAYING DATA IN THE LANGUAGE OF THE HOLDER OF SAID CARD
- TERMINAL A CARTE A PUCE AFFICHANT DES DONNEES DANS LA LANGUE DU POSSESSEUR DE LA CARTE

(71) **GEMPLUS** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, Boîte postale 100, F-13881 Gemenos (FR).

(72) **BASQUIN, Bruno**; 132, Bd de la Grotte Rolland, F-13008 Marseille (FR). **EDME, Franck**; Chemin des Playes, F-13720 La Bouilladisse (FR).

(74) **NONNENMACHER, Bernard**; Avenue du Pic de Bertagne, Parc D'Activités de Gémenos, F-13881 Gemenos (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/30, 3/03, 3/06, G06K 11/18**

(11) **WO 00/72192** (13) A1

(21) PCT/AU00/00527

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 2912 **17 Sep/sep 1999 (17.09.1999)** AU

(30) PQ 3632 **25 Oct/oct 1999 (25.10.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- METHOD AND SYSTEM FOR NAVIGATING A DIRECTORY
- PROCEDE ET SYSTEME D'EXPLORATION D'UN REPERTOIRE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/30**

(11) **WO 00/72193** (13) A1

(21) PCT/AU00/00548

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) PQ 0553 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 2754 **10 Sep/sep 1999 (10.09.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- A NETWORK NAVIGATION SYSTEM
- SYSTEME DE NAVIGATION AU SEIN D'UN RESEAU

(71) **SPOTON, INC.** [US/US]; 1001 Bayhill Drive, Suite 300, San Bruno, CA 94066 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COPELAND, Philip, Raeburn** [AU/US]; 504 Cutwater Lane, Foster City, CA 94404 (US). **McDONALD, Bruce, James** [AU/AU]; 35 Tamboura Avenue, Baulkham Hills, New South Wales 2153 (AU).

(74) **WEBBER, David, Brian** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/30, 15/00, 17/60, 13/00**

(11) **WO 00/72194** (13) A1

(21) PCT/JP00/03348

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/144251 **25 May/mai 1999 (25.05.1999)** JP

(30) 2000/37895 **16 Feb/fév 2000 (16.02.2000)** JP

(30) 2000/153553 **24 May/mai 2000 (24.05.2000)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- INFORMATION PROVIDING AND DISPLAYING SYSTEM
- SYSTEME DE FOURNITURE ET D'AFFICHAGE D'INFORMATIONS

(71) **104.COM CO., LTD.** [JP/JP]; Boa-Hongo Building 10F, 3-42-5, Hongo, Bunkyo-ku, Tokyo 113-0033 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIZUNO, Yoshiro** [JP/JP]; 4-1-24, Yushima, Bunkyo-ku, Tokyo 113-0034 (JP). **KATO, Keiichi** [JP/JP]; 305 Cosmo Miyazakidai Abanseed, 1634-1, Maginu, Miyamae-ku, Kawasaki-shi, Kanagawa Pref 216-0035 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 17/30**

(11) **WO 00/72195** (13) A1

(21) PCT/US00/11463

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/315,467 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- METHOD AND SYSTEM FOR PROCESSING INTELLIGENT NETWORK

COMMANDS IN A COMMUNICATIONS NETWORK

- PROCEDE ET SYSTEME PERMETTANT DE TRAITER DES COMMANDES DE RESEAU INTELLIGENT DANS UN RESEAU DE COMMUNICATION

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SILVERMAN, Shmuel**; 581 Indian Spring Lane, Buffalo Grove, IL 60089 (US). **MORAN, Timothy, Leo**; 708 Carriage Hill Road, Island Lake, IL 60042 (US). **LISS, Raymond, M.**; 745 Stonehedge Road, St. Charles, IL 60174 (US). **HUG, Robert, G.**; 1440 Hackberry Court, Naperville, IL 60540 (US). **GUTKOWSKA, Monika**; 976 Hampton Park, Barrington, IL 60010 (US).

(74) **TERRY, L., Bruce** et al. / etc.; Motorola, Inc., Legal Department, Mail Stop E230, 5401 North Beach Street, Fort Worth, TX 76114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/30**

(11) **WO 00/72196** (13) A1

(21) PCT/US00/13471

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/315,316 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INFORMATION MANAGEMENT, RETRIEVAL AND DISPLAY SYSTEM AND ASSOCIATED METHOD

- SYSTEME DE GESTION, DE RECUPERATION ET D'AFFICHAGE D'INFORMATIONS ET PROCEDE ASSOCIE

(71) **EVRESEARCH, LTD.** [US/US]; 1611 Tennyson Court, Columbus, OH 43235 (US).

(72) **MAYNARD, George**; 4639 Cleveland Road, Wooster, OH 44695 (US).

(74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine & Flory LLP, 2000 Courthouse Plaza N.E., P.O. Box 8801, Dayton, OH 45401-8801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/30**

(11) **WO 00/72197** (13) A2

(21) PCT/US00/13745

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,525 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/183,152 **17 Feb/fév 2000** US **(17.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REUSABLE DATA MARKUP LANGUAGE

- LANGAGE DE BALISAGE DE DONNEES REUTILISABLES

(71) **E-NUMERATE SOLUTIONS, INC.** [US/US]; 8201 Greensboro Drive, McLean, VA 22102 (US).

(72) **DAVIS, Russell, T.**; 6006 Woodacres Drive, Bethesda, MD 20816 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farrabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/30**

(11) **WO 00/72198** (13) A1

(21) PCT/US00/13891

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,251 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DISPLAYING AND PREDICTING NETWORK RESOURCE CAPACITY INFORMATION

- AFFICHAGE ET PREDICTION DE DONNEES DE PUISSANCE D'UNE RESSOURCE DE RESEAU

(71) **CLAIRVOYANT SOFTWARE, INC.** [US/US]; Suite 280, 1821 Saratoga Road, Saratoga, CA 95070 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MACFARLANE, Druce, I., C., R.** [US/US]; 940 Buckeye Drive, Sunnyvale, CA 94086 (US). **HARDIN, John, Harvey** [CN/US]; 444 Cliff Drive, Aptos, CA 95003 (US). **DONOHO, David** [US/US]; 2830 Buena Vista Way, Berkeley, CA 94708-2106 (US).

(74) **EBERLE, Shelley, P.**; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/30**

(11) **WO 00/72199** (13) A2

(21) PCT/US00/13906

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,291 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/338,912 **23 Jun/juin 1999** US **(23.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTONOMOUS BROWSING AGENT

- AGENT DE NAVIGATION AUTONOME

(71) **THE BRODIA GROUP** [US/US]; Suite 1530, 221 Main Street, San Francisco, CA 94105 (US).

(72) **KIPPENHAN, Roland, Calvin**; Suite 1530, 221 Main Street, San Francisco, CA 94105 (US). **GOLDSTEIN, Theodore, Charles**; Suite 1530, 221 Main Street, San Francisco, CA 94105 (US). **CASSIDY, Matthew, Finbarr**; Suite 1530, 221 Main Street, San Francisco, CA 94105 (US). **SELLS, Andrew, Jay**; Suite 1530, 221 Main Street, San Francisco, CA 94105 (US). **CHASE, William, Bradford**; Suite 1530, 221 Main Street, San Francisco, CA 94105 (US).

(74) **MEYER, Virginia, H.**; Meyer Intellectual Property Law, Suite 275, 475 Gate Five Road, Sausalito, CA 94965 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **G06F 17/30**

(11) **WO 00/72200** (13) A1

(21) PCT/US00/14055

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,802 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR SECURING FILES
• PROCEDE ET APPAREIL POUR LA SECURITE DES FICHIERS

(71) **INFRAWORKS CORPORATION** [US/US]; 504 Lavaca Street, 11th floor, Austin, TX 78701 (US).

(72) **FRIEDMAN, George**; 7109 Montana Norte, Austin, TX 78731 (US). **STAREK, Robert, Phillip**; 1779 Wells Branch Parkway, 110-B-284, Austin, TX 78728 (US). **MOORMAN, Michael, J.**; 1800 Parkside Lane, Austin, TX 78745 (US).

(74) **TAUFER, Paul, A.** et al. / etc.; Schnader Harrison Segal & Lewis, LLP, Suite 3600, 1600 Market Street, Philadelphia, PA 19103 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/30**

(11) **WO 00/72201** (13) A1

(21) PCT/US00/14099

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/317,247 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR SELECTING AGGREGATE LEVELS AND CROSS PRODUCT LEVELS FOR A DATA WAREHOUSE
• PROCEDE ET DISPOSITIF DE SELECTION DE NIVEAUX D'AGREGATS ET DE PRODUITS CROISES POUR UN ENTREPOT DE DONNEES

(71) **PLATINUM TECHNOLOGY IP, INC.** [US/US]; One computer Associates Plaza, Islandia, NY 11749 (US).

(72) **LORE, Michael, Dean**; 22714 Hockaday Drive, Katy, TX 77450 (US). **TSE, Eva, Man-Yan**; 1835 American Elm Court, Sugar Land, TX 77479 (US).

(74) **JOHNSTON, R., Blake**; Piper Marbury Rudnick & Wolfe, P.O. Box 64807, Chicago, IL 60664-0807 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72202** (13) A1

(21) PCT/AU00/00520

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR PROVIDING INFORMATION IN A DOCUMENT
• PROCEDE ET SYSTEME D'INTRODUCTION DE DONNEES DANS UN DOCUMENT

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72203** (13) A1

(21) PCT/AU00/00538

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 4483 **6 Dec/déc 1999 (06.12.1999)** AU

(30) PQ 4912 **24 Dec/déc 1999 (24.12.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERACTIVE PRINTER PROVIDER
• FOURNISSEUR D'IMPRIMANTE INTERACTIF

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72204** (13) A1

(21) PCT/AU00/00539

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 4483 **6 Dec/déc 1999 (06.12.1999)** AU

(30) PQ 4912 **24 Dec/déc 1999 (24.12.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERACTIVE PAPER PUBLISHER
• EDITEUR DE PAPIER INTERACTIF

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72205** (13) A1

(21) PCT/US00/13025

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/135,208 **21 May/mai 1999 (21.05.1999)** US

(30) 60/138,210 **9 Jun/juin 1999 (09.06.1999)** US

(30) 60/139,947 **18 Jun/juin 1999 (18.06.1999)** US

(30) 60/142,097 **2 Jul/juil 1999 (02.07.1999)** US

(30) 60/163,299 **3 Nov/nov 1999 (03.11.1999)** US

(30) 09/557,331 **24 Apr/avr 2000 (24.04.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR OBTAINING MARKETING INFORMATION
• PROCEDE ET DISPOSITIF D'OBTENTION D'INFORMATIONS MARKETING

(71, 72) **STERN, Gregory, N.** [US/US]; 130 Barton Road, Stow, MA 01776 (US).

(74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 17/60**

(11) **WO 00/72206** (13) A2

(21) PCT/US00/13407

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,143 **20 May/mai 1999 (20.05.1999)** US

(30) 09/414,781 **8 Oct/oct 1999 (08.10.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STOCK PURCHASE INDICES
• INDICES D'ACHAT DES TITRES BOURSIERS

(71) **AMERITRADE HOLDING CORPORATION** [US/US]; 4211 South 102nd Street, Omaha, NE 68127-1031 (US).

(72) **RICKETTS, John, J.**; 9102 Hickory Street, Omaha, NE 68124 (US). **SCHUMANN, Douglas, F.**; 10418 Adams Drive, Omaha, NE 68127 (US).

(74) **SOKOHL, Robert, E.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72207** (13) A1

(21) PCT/US00/13672

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,195 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTER SYSTEM AND METHOD FOR BIDDING SERVICES
• SYSTEME INFORMATIQUE ET PROCEDE DE DEMANDE DE SOUMISSIONS DE SERVICES

(71, 72) **RAYMOND, J., Joseph, III** [US/US]; 3823 Connecticut Street, St. Louis, MO 63116 (US).

(74) **THOMAS, Michael, J.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 17/60**

(11) **WO 00/72208** (13) A1

(21) PCT/US00/13883

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/317,785 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR PREAUTHORIZING ELECTRONIC FUND TRANSFERS WITHOUT ACTUAL WRITTEN AUTHENTICATION
• PROCEDE ET APPAREIL D'AUTORISATION PREALABLE DE TRANSFERTS DE FONDS ELECTRONIQUES SANS AUTHENTIFICATION ECRITE EFFECTIVE

(71) **AEGIS MORTGAGE CORPORATION** [US/US]; Three Embarcadero Center, Suite 500, San Francisco, CA 94111 (US).

(72) **COMPIANO, Craig, M.**; 4863 Harbord Drive, Oakland, CA 94618 (US).

(74) **GLENN, Michael, A.** et al. / etc.; Glenn Patent Group, Suite L, 3475 Edison Way, Menlo Park, CA 94025 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 17/60**

(11) **WO 00/72209** (13) A2

(21) PCT/US00/14069

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,234 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIPARTY TRADING SYSTEM
• SYSTEME D'ECHANGE ENTRE PLUSIEURS PARTIES

(71) **MONKEYBIN.COM, INC.** [US/US]; 4th Floor, 563 Misson Street, San Francisco, CA 94105 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BHATIA, Prashant, K.** [US/US]; 8241 SE 67th Street, Mercer Island, WA 98040 (US). **GAITONDE, Dayal, S.** [US/US]; 1410 Steiner Apt. 410, San Francisco, CA 94115 (US). **BHATIA, Sameer** [US/US]; One St. Francis Place, Apt. 2803, San Francisco, CA 94107 (US). **WEIL, Colin** [CA/US]; 2950 Webster Street, San Francisco, CA 94123 (US).

(74) **GLENN, Michael, A.** et al. / etc.; Glenn Patent Group, Suite L, 3475 Edison Way, Menlo Park, CA 94025 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ

CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72210** (13) A1

(21) PCT/US00/14092

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,521 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CUSTOMER LEAD MANAGEMENT SYSTEM
• SYSTEME DE GESTION DE PISTES DE CLIENTS EVENTUELS

(71) **MARKETSOFT SOFTWARE CORPORATION** [US/US]; Suite 132, 10 Maguire Road, Lexington, MA 02421-3112 (US).

(72) **BURGH, Christopher, P.GILBY, Nancy, Benovich**; Concord, MA 01742 (US). **EVETT, Charles**; Concord, MA 01742 (US). **FEAREY, Peter**; Sudbury, MA 01776 (US). **ERMAN, Gregory**; Sudbury, MA 01776 (US). **TIU, David**; Somerville, MA (US). **MANDEL, John**; Acton, MA 01720 (US).

(74) **PRAHL, Eric, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72211** (13) A2

(21) PCT/US00/14096

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,725 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF ACTIVITY BASED COSTING
• PROCEDE D'ETABLISSEMENT DES COUTS EN FONCTION DES ACTIVITES

(71) **WHITTIER GROUP, INC.** [US/US]; 701 South Fairview Avenue, Park Ridge, IL 60068 (US).

(72) **MUNOZ, Michael**; 701 South Fairview Avenue, Park Ridge, IL 60068 (US). **EMRE, Oksan**; Apartment 355, 1864 West Palm Drive, Mount Prospect, IL 60056 (US).

(74) **RIFKIN, William, T.**; Piper Marbury Rudnick & Wolfe, P.O. Box 64807, Chicago, IL 60664-0807 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72212** (13) A2

(21) PCT/US00/14277

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,491 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTI-DISCIPLINARY INFORMATION ENGINE FOR TOTAL OWNERSHIP COST ESTIMATION OF COMPLEX SYSTEMS
• MOTEUR D'INFORMATIONS MULTI-DISCIPLINAIRES POUR EVALUATION DE COUT TOTAL DE POSSESSION DE SYSTEMES COMPLEXES

(71) **LOCKHEED MARTIN CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MYERS, Kenneth, N., Jr** [US/US]; 9724 Manassas Forge Drive, Manassas, VA 20111 (US). **BECKLEY, Jennie, D.** [US/US]; 11922 Richland Lane, Herndon, VA 20171 (US). **PLUNKETT, Galen, P.** [US/US]; 7008 Kodiak Court, Manassas, VA 20111 (US). **VERMA, Dinesh** [US/US]; 5642 Flagler Drive, Centreville, VA 20120 (US).

(74) **STUTMAN, Joni** et al. / etc.; Whitham, Curtis, Whitham, PLC, Reston International Center, Suite 900, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72213** (13) A1

(21) PCT/US00/14365

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,538 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEMS AND METHODS FOR ELECTRONIC COMMERCE
• SYSTEMES ET PROCEDES DE COMMERCE ELECTRONIQUE

(71) **PARTMINER, INC.** [US/US]; 432 Park Avenue South, New York, NY 10016 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NISSANOFF, Daniel** [US/US]; 429 East 52nd Street, New York, NY 10022 (US). **SCHENECKER, Mark, Allan** [US/US]; 8135 Spire Court, Colorado Springs, CO 80919 (US).

(74) **LEASON, David** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 17/60**

(11) **WO 00/72214** (13) A1

(21) PCT/US00/14425

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,869 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF PROCESSING RESERVATION DEPOSITS
• PROCÉDÉ PERMETTANT DE TRAITER DES COUPONS RÉSERVATION

(71) **PASSKEY.COM, INC.** [US/US]; 1400 Hancock St., Quincy, MA 02169 (US).

(72) **MARTIN, Paul, G.**; 50 Whitney Tavern Road, Weston, MA 02493 (US). **MATSUDA, Bradley, Y.**; 236 Newbury Street, Apartment 42, Boston, MA 02116-2511 (US).

(74) **MANDELBAUM, Howard, F.** et al. / etc.; Levine & Mandelbaum, 350 Fifth Avenue #7814, New York, NY 10118 (US).

(81) 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.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 17/60**

(11) **WO 00/72215** (13) A1

(21) PCT/US00/14447

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,975 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR CONDUCTING AN ON-LINE AUCTION OF CERTIFICATES OF DEPOSIT
• PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER EN LIGNE UNE VENTE AUX ENCHERES DE CERTIFICATS DE DEPOT

(71, 72) **TEPPER, Kenneth** [US/US]; One Lincoln Plaza, 1535 Locust Street, Philadelphia, PA 19102 (US).

(74) **FIELDS, Scott, J.**; Obermayer Rebmann Maxwell & Hippel LLP, 19th floor, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AU BR CA IL JP KR MX US.

(84) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06F 19/00**

(11) **WO 00/72216** (13) A1

(21) PCT/DK00/00273

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) PA 1999 00700 **20 May/mai 1999 (20.05.1999)** DK

(30) PA 2000 00215 **11 Feb/fév 2000 (11.02.2000)** DK

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR SELECTION AND EVALUATION OF SUBSTANCES IN TREATMENT OF BONE DISORDERS
• PROCEDE ET DISPOSITIF DE SELECTION ET D'EVALUATION DE SUBSTANCES DANS LE TRAITEMENT DE MALADIES OSSEUSES

(71) **TORSANA OSTEOPOROSIS DIAGNOSTICS A/S** [DK/DK]; Kohavevej 5, DK-2950 Vedbæk (DK).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JØRGENSEN, Jan, Trøst** [DK/DK]; Kratmosevej 53 B, DK-2950 Vedbæk (DK). **HYLDSTRUP, Lars** [DK/DK]; Gentoftegade 49, DK-2820 Gentofte (DK). **ROSHOLM, Anders** [DK/DK]; Lille Strandvej 2A, st. th., DK-2900 Hellerup (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 19/00, 17/60, 3/02, 3/00, A61J 3/00**

(11) **WO 00/72217** (13) A1

(21) PCT/JP00/03303

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/142602 **24 May/mai 1999 (24.05.1999)** JP

(30) 2000/152189 **23 May/mai 2000 (23.05.2000)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHARMACY SYSTEM
• SYSTEME PHARMACEUTIQUE

(71) **104.COM CO., LTD** [JP/JP]; Boa-Hongo Bldg. 10F, 3-42-5, Hongo, Bunkyo-ku, Tokyo 113-0033 (JP).

(72) **MIZUNO, Yoshiro**; 4-1-24, Yushima, Bunkyo-ku, Tokyo 113-0034 (JP).

(81) KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06F 19/00**

(11) **WO 00/72218** (13) A2

(21) PCT/US00/14123

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,679 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS FOR NORMALIZATION OF EXPERIMENTAL DATA
• PROCEDES DE NORMALISATION DE DONNEES EXPERIMENTALES

(71) **DIGITAL GENE TECHNOLOGIES, INC.** [US/US]; 11149 North Torrey Pines Road, Suite 110, La Jolla, CA 90237 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRACE, Dennis, R.** [US/US]; 3137 Fenelon Street, San Diego, CA 92106 (US). **DURHAM, Jayson, T.** [US/US]; 10359 Mountain View Lane, Lakeside, CA 92040 (US).

(74) **LESAVICH, Stephen**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 19/00**

(11) **WO 00/72219** (13) A1

(21) PCT/US00/08230

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,027 **20 May/mai 1999 (20.05.1999)** US

(30) 09/365,245 **30 Jul/juil 1999 (30.07.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM FOR ONLINE QUOTING AND BINDING OF INSURANCE POLICIES
• SYSTEME D'ESTIMATION DE POLICES D'ASSURANCE ET DE CREATION DE POLICES D'ASSURANCE AYANT FORCE OBLIGATOIRE

(63) US 09/365,245 (CIP)
30 Jul/juil 1999 (30.07.1999)

(71) **INTUIT INSURANCE SERVICES** [US/US]; 5th Floor, 500 Montgomery Street, Alexandria, VA 22314 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FROEMLING, Timothy, J.** [US/US]; 1020 North Quincy Street, Arlington, VA 22201 (US). **HUTCHINSON-DAHLQUIST, Ann, R.** [US/US]; 8046 Galla Knoll Circle, Springfield, VA 22153 (US). **SIMPSON, Matthew** [US/US]; 5804 Highland Drive, Chevy Chase, MD 20815 (US). **RENNER, Edward, M.** [US/US]; 10652 Big Oak Circle, Manassas, VA 20112 (US). **ALDRICH, Steven, P.** [US/US]; 825 Rivergate Place, Alexandria, VA 22314 (US).

(74) **PERRY, Glenn, J.** et al. / etc.; Pillsbury Madison & Sutro LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 19/00**

(11) **WO 00/72220** (13) A1

(21) PCT/US00/09810

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,141 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INSURANCE AGENT CONTACT SYSTEM
• SYSTEME DE CONTACTS POUR AGENT D'ASSURANCE

(63) US 09/315,141 (CIP)
20 May/mai 1999 (20.05.1999)

(71) **INTUIT INSURANCE SERVICES** [US/US]; 5th floor, 500 Montgomery Street, Alexandria, VA 22314 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALDRICH, Steven, P.** [US/US]; 825 Rivergate Place, Alexandria, VA 22314 (US). **McCRERY, Mark, T.** [US/US]; 219 South St. Asaph Street, Alexandria, VA 22314 (US). **LIGIER, Slawek, I.** [US/US]; 4002 Crestar Court, Fairfax, VA 22032 (US). **FROEMLING, Timothy, J.** [US/US]; 1020 North Quincy Street, Arlington, VA 22201 (US). **FETROW, Adrienne** [US/US]; 6711 Quiet Hours, Columbia, MD 21045 (US).

(74) **PERRY, Glenn, J.** et al. / etc.; Pillsbury Madison & Sutro LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 19/00**

(11) **WO 00/72221** (13) A1

(21) PCT/US00/09816

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,488 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PATTERNED SURFACE CLEANING SYSTEM OF MINIATURE STRUCTURES
• SYSTEME DE NETTOYAGE DE SURFACES MARQUEES DE STRUCTURES MINIATURES

(71) **POTOMAC PHOTONICS, INC.** [US/US]; 4445 Nicole Drive, Lanham, MD 20706 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUIGNAN, Michael, T.** [US/US]; 1520 R Street, N.W., Washington, DC 20009 (US).

(74) **ROSENBERG, Morton, J.**; Rosenberg, Klein & Lee, Suite 105, 3444 Ellicott Center Drive, Ellicott City, MD 21043 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 19/00**

(11) **WO 00/72222** (13) A1

(21) PCT/US00/09817

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,486 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS FOR FABRICATION OF MINIATURE STRUCTURES
• APPAREIL DE FABRICATION DE STRUCTURES MINIATURES

(71) **POTOMAC PHOTONICS, INC.** [US/US]; 4445 Nicole Drive, Lanham, MD 20706 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUIGNAN, Michael, T.** [US/US]; 1520 R Street, N.W., Washington, DC 20009 (US).

(74) **ROSENBERG, Morton, J.**; Rosenberg, Klein & Lee, Suite 105, 3444 Ellicott Center Drive, Ellicott City, MD 21043 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 19/00**

(11) **WO 00/72223** (13) A1

(21) PCT/US00/09818

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,824 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A PULSE-POSITION SYSTEM FOR MINIATURE STRUCTURES
• SYNCHRONISATION POSITIONNEMENT-IMPULSIONS POUR STRUCTURES MINIATURES

(71) **POTOMAC PHOTONICS, INC.** [US/US]; 4445 Nicole Drive, Lanham, MD 20706 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUIGNAN, Michael, T.** [US/US]; 1520 R Street, N.W., Washington, D.C. 20009 (US).

(74) **ROSENBERG, Morton, J.**; Rosenberg, Klein & Lee, Suite 105, 3444 Ellicott Center Drive, Ellicott City, MD 21043 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 19/00**

(11) **WO 00/72224** (13) A1

(21) PCT/US00/09819

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,487 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MATERIAL DELIVERY SYSTEM FOR MINIATURE STRUCTURE FABRICATION
• SYSTEME D'APPORT DE MATIERE POUR FABRICATION DE STRUCTURE MINIATURE

(71) **POTOMAC PHOTONICS, INC.** [US/US]; 4445 Nicole Drive, Lanham, MD 20706 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUIGNAN, Michael, T.** [US/US]; 1520 R Street, N.W., Washington, DC 20009 (US).

(74) **ROSENBERG, Morton, J.**; Rosenberg, Klein & Lee, Suite 105, 3444 Ellicott Center Drive, Ellicott City, MD 21043 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06F 165/00**

(11) **WO 00/72225** (13) A1

(21) PCT/US00/13755

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,266 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTING SIGN TEXT FOR BRANCHES OF AN ELECTRONIC MAP NETWORK
• CALCUL DU LEGENDAGE CARTOGRAPHIQUE POUR SEGMENTS D'UN RESEAU ROUTIER ELECTRONIQUE

(71) **ETAK, INC.** [US/US]; 1605 Adams Drive, Menlo Park, CA 94025 (US).

(72) **ANGWIN, George, T.**; 314 3rd Street, P.O. Box 371142, Montara, CA 94037 (US).

(74) **MAGEN, Burt** et al. / etc.; Fliesler Dubb Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06G**

(11) **WO 00/72226** (13) A2

(21) PCT/US00/09982

(22) **13 Apr/avr 2000 (13.04.2000)**

(25) en (26) en

(30) 09/316,625 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DELEGATION OF PERMISSIONS IN AN ELECTRONIC COMMERCE SYSTEM
• DELEGATION DE PERMISSIONS DANS UN SYSTEME DE COMMERCE ELECTRONIQUE

(71) **COMPAQ COMPUTERS INC.** [US/US]; 10435 N. Tautau Avenue, Loc 200-16, Cupertino, CA 95014-3548 (US).

(72) **GLASSMAN, Steven, C.**; 615 Palo Alto Avenue, Mountain View, CA 94041 (US). **MANASSE, Mark, S.**; 1270 Monterey Boulevard, San Francisco, CA 94127 (US).

(74) **GRANATELLI, Lawrence**; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ 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 ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K**

(11) **WO 00/72227** (13) A2

(21) PCT/IB00/00822

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,815 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PERSONA
• PERSONA

(71) **SHELLS INTERACTIVE, LTD.** [IL/IL]; 18 Ha'hail Street, 43317 Ra'anana (IL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHOCHAT, Eden** [IL/IL]; Shpinoza Street 8A, 43588 Ra'anana (IL).

(74) **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, 91013 Jerusalem (IL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 1/12, 7/12, 19/06, G06C 5/00**

(11) **WO 00/72228** (13) A1

(21) PCT/JP00/03315

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/182235 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REPRESENTING, RECORDING, REPRODUCING AND COMMUNICATION METHOD FOR COMPUTER OBJECTS USING COLOR, RECORDING AND/OR REPRODUCING DEVICE, RECORDING MEDIUM, AND ENCRYPTING METHOD
• PROCEDE DE REPRESENTATION, ENREGISTREMENT, REPRODUCTION ET COMMUNICATION, DESTINE A DES OBJETS INFORMATIQUES EN COULEUR, DISPOSITIF D'ENREGISTREMENT ET/OU LECTURE, SUPPORT D'ENREGISTREMENT ET PROCEDE DE CRYPTAGE

(71) **TANI ELECTRONICS CORPORATION** [JP/JP]; 10-3, Miyoshi 3-chome, Koto-ku, Tokyo 135-0022 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TANI, Okie** [JP/JP]; 10-3, Miyoshi 3-chome, Koto-ku, Tokyo 135-0022 (JP).

(74) **TAMIYA, Hiroshi** et al. / etc.; Meisan Tameike Bldg., 8th Fl., 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CA CN ID IN JP KR MX US VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06K 7/00**

(11) **WO 00/72229** (13) A1

(21) PCT/FR00/01413

(22) **24 May/mai 2000 (24.05.2000)**

(25) fr (26) fr

(30) 99410072.5 **25 May/mai 1999** EP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONNECTOR WITH REDUCED CONTACT WEAR
• CONNECTEUR A ATTERRISSAGE

(71) **ASCOM MONETEL S.A.** [FR/FR]; Rue Claude Chappe, F-07500 Guilherand-Granges (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LE GAL, Patrick** [FR/FR]; 220, avenue Louis Frédéric Ducros, F-07130 Saint Peray (FR).

(74) **DE BEAUMONT, Michel**; Cabinet Conseil, 1, rue Champollion, F-38000 Grenoble (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 7/10, 11/06**

(11) **WO 00/72230** (13) A1

(21) PCT/AU00/00565

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOVEMENT SENSING DEVICE
• DISPOSITIF CAPTEUR DE MOUVEMENT

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU). **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, New South Wales 2090 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 7/10, G02B 6/42, H04N 1/028, G02B 27/44, 6/16, 26/10**

(11) **WO 00/72231** (13) A2

(21) PCT/US00/08228

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/316,030 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WEDGED-SHAPE HOLOGRAPHIC COLLECTOR
• COLLECTEUR HOLOGRAPHIQUE CUNEIFORME

(71) **PSC SCANNING, INC.** [US/US]; 959 Terry Street, Eugene, OR 97402-9150 (US).

(72) **WHITCOMB, Kevin, J.**; 10232 Arbor Drive, Shrewsbury, MA 01545 (US). **MCMASTER, Brian, J.**; 15 Charter Oaks Drive, Pittsford, NY 14534 (US). **SHEARIN, Alan**; 3309 Southwest Arnold Heights Terrace, Portland, OR 97219 (US). **DEAN, Anna, M.**; 721 Middlebury Road, Webster, NY 14580 (US).

(74) **BLUMENTHAL, David**; Foley & Lardner, 3000 K Street, NW, Suite 500, Washington, DC 20007-5109 (US).

.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06K 9/18, G06F 17/60**

(11) **WO 00/72232** (13) A1

(21) PCT/AU00/00521

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR PROVIDING TARGETED INFORMATION IN A DOCUMENT
• PROCEDE ET SYSTEME D'INTRODUCTION DE DONNEES CIBLEES DANS UN DOCUMENT

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 9/18, G06F 17/60**

(11) **WO 00/72233** (13) A1

(21) PCT/AU00/00522

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DELIVERY OF A NEWSPAPER OR MAGAZINE
• PROCEDE ET SYSTEME DE REMISE DE JOURNAL OU DE MAGAZINE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 9/18, G06F 17/60**

(11) **WO 00/72234** (13) A1

(21) PCT/AU00/00523

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DELIVERY OF A BROCHURE
• PROCEDE ET SYSTEME DE REMISE DE BROCHURE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 9/18, G06F 17/60**

(11) **WO 00/72235** (13) A1

(21) PCT/AU00/00524

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DELIVERY OF A BOOK
• PROCEDE ET SYSTEME DE DIFFUSION D'UN LIVRE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 9/18, G06F 17/60**

(11) **WO 00/72236** (13) A1

(21) PCT/AU00/00529

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DELIVERY OF A GREETING CARD
• METHODE DE REMISE DE CARTE DE VOEUX ET SYSTEME CORRESPONDANT

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **LAPSTUN, Jacqueline, Anne** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 9/18, G06F 17/60**

(11) **WO 00/72237** (13) A1

(21) PCT/AU00/00532

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR CREATION AND USE OF A PHOTO ALBUM
• PROCEDE ET SYSTEME DE CREATION ET D'UTILISATION D'UN ALBUM DE PHOTOS

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 9/22, H04B 1/034**

(11) **WO 00/72238** (13) A1

(21) PCT/AU00/00566

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM FOR DATA TRANSFER
• SYSTEME DE TRANSFERT DE DONNEES

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 11/12**

(11) **WO 00/72239** (13) A1

(21) PCT/GB00/01550

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/315,139 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETECTOR CONSTRUCTED FROM FABRIC
• DETECTEUR FABRIQUE A PARTIR DE TISSU

(63) US 09/315,139 (CIP)
20 May/mai 1999 (20.05.1999)

(71) **ELECTROTEXTILES COMPANY LIMITED** [GB/GB]; 2 Bloomsbury Street, London WC1B 3ST (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SANDBACH, David, Lee** [GB/GB]; Flat C, 9 Westbourne Road, London N7 8AR (GB).

(74) **ATKINSON, Ralph**; Atkinson Burrington, 27-29 President Buildings, Firth Way, Sheffield S4 7UR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 11/12**

(11) **WO 00/72240** (13) A1

(21) PCT/GB00/01552

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/315,139 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETECTING MECHANICAL INTERACTIONS
• DETECTION D'INTERACTIONS MECANIQUES

(63) US 09/315,139 (CIP)
20 May/mai 1999 (20.05.1999)

(71) **ELECTROTEXTILES COMPANY LIMITED** [GB/GB]; 2 Bloomsbury Street, London WC1B 3ST (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SANDBACH, David, Lee** [GB/GB]; Flat C, 9 Westbourne Road, London N7 8AR (GB).

(74) **ATKINSON, Ralph**; Atkinson Burrington, 27-29 President Buildings, Firth Way, Sheffield S4 7UR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 11/18, G06F 3/03, 17/60, 151/00**

(11) **WO 00/72241** (13) A1

(21) PCT/AU00/00518

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 1312 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 2912 **17 Sep/sep 1999** AU **(17.09.1999)**

(30) PQ 3632 **25 Oct/oct 1999** AU **(25.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR ONLINE PAYMENTS
• PROCEDE ET SYSTEME POUR PAIEMENTS EN LIGNE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, NSW 2121 (AU). **LAPSTUN, Jacqueline, Anne** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 11/18, G06F 3/03, 17/60, 151/00**

(11) **WO 00/72242** (13) A1

(21) PCT/AU00/00519

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 1312 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 2912 **17 Sep/sep 1999 (17.09.1999)** AU

(30) PQ 3632 **25 Oct/oct 1999 (25.10.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR ONLINE PURCHASING
• PROCEDE ET SYSTEME D'ACHAT EN LIGNE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 11/18, G06F 3/03, 17/00**

(11) **WO 00/72243** (13) A1

(21) PCT/AU00/00528

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DELIVERY OF ELECTRONIC MAIL
• METHODE ET SYSTEME DE DELIVRANCE DE COURRIER ELECTRONIQUE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 11/18, G06F 3/03, 17/00**

(11) **WO 00/72244** (13) A1

(21) PCT/AU00/00530

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 2912 **17 Sep/sep 1999 (17.09.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR COMPOSITION AND DELIVERY OF ELECTRONIC MAIL
• PROCEDE ET SYSTEME DE COMPOSITION ET DE TRANSMISSION D'UN COURRIER ELECTRONIQUE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 11/18, G06F 3/03, 17/60 // 151:00**

(11) **WO 00/72245** (13) A1

(21) PCT/AU00/00537

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 1312 **30 Jun/juin 1999 (30.06.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR BILL MANAGEMENT
• PROCEDE ET SYSTEME DE GESTION DE FACTURES

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU). **LAPSTUN, Jacqueline, Anne** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 11/18, G06F 3/03**

(11) **WO 00/72246** (13) A1

(21) PCT/AU00/00576

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 3632 **25 Oct/oct 1999 (25.10.1999)** AU

(30) PQ 4392 **1 Dec/déc 1999 (01.12.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SIGNATURE CAPTURE VIA INTERFACE SURFACE
• SAISIE D'UNE SIGNATURE VIA UNE SURFACE INTERFACE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 19/06, G08C 21/00, G06K 11/18**

(11) **WO 00/72247** (13) A1

(21) PCT/AU00/00534

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 3632 **25 Oct/oct 1999 (25.10.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR PRINTING A DOCUMENT
• PROCEDE ET SYSTEME D'IMPRESSION DE DOCUMENT

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 19/06, G08C 21/00, G06K 11/18**

(11) **WO 00/72248** (13) A1

(21) PCT/AU00/00536

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR PROVIDING A COPY OF A PRINTED PAGE
• PROCEDE ET SYSTEME DE PRODUCTION D'UNE COPIE D'UNE PAGE IMPRIMEE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 19/06, 7/10**

(11) **WO 00/72249** (13) A1

(21) PCT/AU00/00568

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ3457 **15 Oct/oct 1999 (15.10.1999)** AU

(30) PQ4392 **1 Dec/déc 1999 (01.12.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IDENTITY-CODED SURFACE WITH REFERENCE POINTS
• SURFACE CODEE SELON UNE IDENTITE AU MOYEN DE POINTS DE REFERENCE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, NSW 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, NSW 2121 (AU).

(74) **SILVERBROOK RESEARCH PTY. LTD.**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 19/06, 7/10**

(11) **WO 00/72250** (13) A1

(21) PCT/AU00/00570

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 3457 **15 Oct/oct 1999 (15.10.1999)** AU

(30) PQ 4392 **1 Dec/déc 1999 (01.12.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IDENTITY-CODED SURFACE
• SURFACE CODEE EN FONCTION DE L'IDENTITE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS

LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 19/07, G07F 7/10**

(11) **WO 00/72251** (13) A1

(21) PCT/ES00/00172

(22) **10 May/mai 2000 (10.05.2000)**

(25) es (26) es

(30) P 9900996 **12 May/mai 1999** ES **(12.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIPLE DATA INTERCOMMUNICATION SYSTEM WITH INFORMATION CARRYING CARDS FITTED WITH A MICROPROCESSOR AND MEMORY OR THE LIKE AND SECURITY SYSTEM THEREOF
• SYSTEME D'INTERCOMMUNICATION MULTIPLE DE DONNEES DE CARTES PORTEUSES D'INFORMATION DOTEES D'UN MICROPROCESSEUR OU D'UNE MEMOIRE OU ANALOGUE ET SYSTEME DE SECURITE ASSOCIE

(71, 72) **LOUREIRO BENIMELI, Fermín, Jaime** [ES/ES]; Sor Eulalia de Anzizu, 34-5°, E-08034 Barcelona (ES).

(74) **URIZAR ANASAGASTI, José Antonio**; Puerto Rico, 6A, Bajo, E-28016 Madrid (ES).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G06K 19/073**

(11) **WO 00/72252** (13) A1

(21) PCT/DE00/01544

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 472.8 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PREVENTING THE UNAUTHORIZED USE OF CHIP CARDS
• PROCEDE PERMETTANT D'EMPECHER L'UTILISATION NON AUTORISEE DE CARTES A PUCE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81541 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHEPERS, Jörg** [DE/DE]; Ennemoserstr. 8, 83700 Rottach-Egern (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, 80503 München (DE).

(81) BR CN IN JP KR MX RU UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06K 19/077**

(11) **WO 00/72253** (13) A1

(21) PCT/FR00/01265

(22) **11 May/mai 2000 (11.05.2000)**

(25) fr (26) fr

(30) 99/06584 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING CONTACT CHIP CARDS WITH A LOW-COST DIELECTRIC
• PROCEDE DE FABRICATION DE CARTES A PUCE A CONTACT AVEC DIELECTRIQUE BAS COUT

(71) **GEMPLUS** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, F-13881 Marseille (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOSSETTO, Lucille** [FR/FR]; Résidence Saint Ambroise - Bt 2, F-13600 La Ciotat (FR).

(74) **MILHARO, Emilien**; Gemplus, Boîte postale 100, F-13881 Gémenos Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 19/077**

(11) **WO 00/72254** (13) A1

(21) PCT/FR00/01268

(22) **11 May/mai 2000 (11.05.2000)**

(25) fr (26) fr

(30) 99/06585 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR THE PRODUCTION OF A PORTABLE INTEGRATED CIRCUIT ELECTRONIC DEVICE COMPRISING A LOW-COST DIELECTRIC
• PROCEDE DE FABRICATION DE DISPOSITIF ELECTRONIQUE PORTABLE A CIRCUIT INTEGRE COMPORTANT UN DIELECTRIQUE BAS COUT

(71) **GEMPLUS** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, F-13881 Gémenos Cedex (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOSSETTO, Lucille** [FR/FR]; Résidence Saint Ambroise - Bt 2, F-13600 La Ciotat (FR).

(74) **MILHARO, Emilien**; Gemplus, Boîte postale 100, F-13881 Gémenos Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06K 19/077**

(11) **WO 00/72255** (13) A1

(21) PCT/GB00/01878

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911878.8 **22 May/mai 1999** GB **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IDENTIFICATION TAG
• ETIQUETTE D'IDENTIFICATION

(71) **MARCONI CASWELL LIMITED** [GB/GB]; One Bruton Street, London W1X 8AQ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FORSTER, Ian** [GB/GB]; 31 Great Cob, Springfield, Chelmsford, Essex CM1 5LA (GB).

(74) **COCKAYNE, Gillian**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06N**

(11) **WO 00/72256** (13) A2

(21) PCT/DE00/01669

(22) **24 May/mai 2000 (24.05.2000)**

(25) de (26) de

(30) 199 23 622.4 **24 May/mai 1999** DE **(24.05.1999)**

(30) 99116789.1 **31 Aug/août 1999** EP **(31.08.1999)**

(30) 199 64 094.7 **31 Dec/déc 1999** DE **(31.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NEURONAL NETWORK FOR COMPUTER-ASSISTED KNOWLEDGE MANAGEMENT

- RESEAU NEURONAL DESTINE A LA GESTION DE CONNAISSANCES ASSISTEE PAR ORDINATEUR

(71) **IPCENTURY AG** [DE/DE]; Weissenfelser Strasse 46a, D-06217 Merseburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STEINER, Ralf** [DE/CH]; Unterstüdlistrasse 10, CH-9470 Buchs (CH).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06N**

(11) **WO 00/72257** (13) A2

(21) PCT/US00/14326

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,715 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENHANCING KNOWLEDGE DISCOVERY FROM MULTIPLE DATA SETS USING MULTIPLE SUPPORT VECTOR MACHINES

- AMELIORATION DE LA DECOUVERTE DE CONNAISSANCES A PARTIR D'ENSEMBLES DE DONNEES MULTIPLES AU MOYEN DE MACHINES A VECTEURS DE SOUTIEN MULTIPLES

(71, 72) **BARNHILL, Stephen, D.** [US/US]; 19 Mad Turkey Crossing, Savannah, GA 31411 (US).

(74) **MERCHANT, Mary, Anthony** et al. / etc.; Jones & Askew, LLP, 2400 Monarch Tower, 3424 Peachtree Road, N.E., Atlanta, GA 30326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T**

(11) **WO 00/72258** (13) A2

(21) PCT/US00/14246

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,481 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/140,061 **21 Jun/juin 1999** US **(21.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR GENERAL PURPOSE ANALYSIS OF EXPERIMENTAL DATA

- PROCEDE ET SYSTEME POUR ANALYSER DE MANIERE POLYVALENTE DES DONNEES EXPERIMENTALES

(71) **CELLOMICS, INC.** [US/US]; 635 William Pitt Way, Pittsburgh, PA 15328 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GOUGH, Albert, H.** [US/US]; 2014 Louise Drive, Glenshaw, PA 15116 (US). **LAPETS, Oleg P.** [RU/US]; 1937 Shady Oak Circle, Allison Park, PA 15101 (US). **BRIGHT, Gary** [US/US]; 586 Sturbridge Drive, Highland Heights, OH 44143 (US).

(74) **HARPER, David, S.**; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 5/00, 11/00, B41J 2/21, G06F 3/12**

(11) **WO 00/72259** (13) A1

(21) PCT/AU00/00509

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EFFECTS MODULE FOR COMPACT PRINTER SYSTEM

- MODULE D'EFFETS DESTINE A UN SYSTEME D'IMPRIMANTE COMPACTE

(71) **SILVERBROOK RESEARCH PTY. LTD.** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty. Ltd., 393 Darling Street, Balmain, New South Wales 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY. LTD.**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 5/00, 11/00, B41J 2/21, G06F 3/12**

(11) **WO 00/72260** (13) A1

(21) PCT/AU00/00510

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EFFECTS PROCESSOR FOR EFFECTS MODULE

- PROCESSEUR D'EFFETS DESTINE A UN MODULE D'EFFETS

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 5/00**

(11) **WO 00/72261** (13) A1

(21) PCT/AU00/00514

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR DITHERING

- PROCEDE ET DISPOSITIF DE JUXTAPOSITION

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 5/00**

(11) **WO 00/72262** (13) A1

(21) PCT/AU00/00515

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR IMAGE CONVERSION
• PROCEDE ET APPAREIL DE CONVERSION D'IMAGE

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 5/00**

(11) **WO 00/72263** (13) A1

(21) PCT/US00/12549

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/317,416 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR ENHANCING AND CORRECTING DIGITAL IMAGES
• PROCEDE ET DISPOSITIF D'AMELIORATOIN ET DE CORRECTION D'IMAGES NUMERIQUES

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **AVINASH, Gopul, B.**; 4915 South Radisson Court, New Berlin, WI 53151 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) IL JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06T 7/00**

(11) **WO 00/72264** (13) A1

(21) PCT/GB00/01936

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9911935.6 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POSITION DETERMINATION OF CHARACTERS IN A SPACE
• POSITIONNEMENT DE PERSONNAGES DANS UN ESPACE

(71) **BRITISH BROADCASTING CORPORATION** [GB/GB]; Broadcasting House, London W1A 1AA (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **THOMAS, Graham, Alexander** [GB/GB]; "Anderida", Ridge Close, Nutley, Uckfield, East Sussex TN22 3HA (GB). **RUSSELL, Richard, Thomas** [GB/GB]; 19 Welling Road, Orsett, Essex RM16 3DF (GB). **SARGENT, Timothy, John** [GB/GB]; 20 Hillside Close, Banstead, Surrey SM7 1ET (GB).

(74) **KAZI, Ilya** et al. / etc.; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 9/00, G03B 19/00**

(11) **WO 00/72265** (13) A1

(21) PCT/AU00/00507

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMAGE PROCESSOR FOR CAMERA MODULE
• PROCESSEUR D'IMAGES D'UN MODULE DE CAMERA

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, NSW 2121 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 9/00, B41J 2/525**

(11) **WO 00/72266** (13) A1

(21) PCT/AU00/00513

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0560 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COLOR CONVERSION METHOD FOR COMPACT PRINTER SYSTEM
• PROCEDE DE CONVERSION DES COULEURS DESTINE A UN SYSTEME D'IMPRESSION COMPACT

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALMSLEY, Simon, Robert** [AU/AU]; Unit 3, 9 Pembroke Street, Epping, New South Wales 2121 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX

MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 9/00, G06E 3/00, H04N 7/30, G06T 7/20**

(11) **WO 00/72267** (13) A1

(21) PCT/IL99/00479

(22) **5 Sep/sep 1999 (05.09.1999)**

(25) en (26) en

(30) 130038 **19 May/mai 1999 (19.05.1999)** IL

(30) 131094 **25 Jul/juil 1999 (25.07.1999)** IL

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMAGE COMPRESSION
• COMPRESSION D'IMAGE

(71) **LENSLET, LTD.** [IL/IL]; Nachson Street 11, 44447 Kfar Saba (IL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SARIEL, Aviram** [IL/IL]; Nachshon Street 11, 44447 Kfar Saba (IL). **MENDLOVIC, David** [IL/IL]; Idelman Street 9, 49550 Petach Tikva (IL). **EFRON, Uzi** [IL/IL]; Balfour Street 5/3, 47260 Ramat Hasharon (IL). **RAVEH, Ido** [IL/IL]; Haviva Reich Street 14, 52525 Ramat Gan (IL). **SHABTAY, Gal** [IL/IL]; Feldman Street 9, 49549 Petach Tikva (IL). **ZALEVSKY, Zeev** [IL/IL]; Hermon Street 1, 47260 Rosh Ha'ayin (IL). **LEVY, Uriel** [IL/IL]; Feldman Street 9, 49549 Petach Tikva (IL). **KONFORTI, Naim** [IL/IL]; Menachem Begin Avenue 36, 58517 Holon (IL). **SHEMER, Amir** [IL/IL]; Bialik Street 83, 52513 Ramat Gan (IL). **SHKLARSKY, Dan** [IL/IL]; Yona Angel Street 9, 34952 Haifa (IL). **COHEN, Nadav** [IL/IL]; 35 Anatot Street, Tel Aviv 69080 (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 11/20**

(11) **WO 00/72268** (13) A1

(21) PCT/US00/14396

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,683 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A PERFORMANCE-BASED REPRESENTATION FOR SUPPORT OF MULTIPLE DECISIONS
• REPRESENTATION BASEE SUR LA PERFORMANCE AIDANT LES DECISIONS MULTIPLES

(63) US 60/135,683 (CIP)
24 May/mai 1999 (24.05.1999)

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAZMER, David** [US/US]; 507 Old Farm Road, Amherst, MA 01003 (US). **ZHU, Liang** [CN/US]; 116 Colonial Village, Amherst, MA 01003 (US).

(74) **FASSE, J., Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 15/00**

(11) **WO 00/72269** (13) A1

(21) PCT/JP00/03111

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 11/139315 **19 May/mai 1999 (19.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR GENERATING OUTLINES
• PROCEDE ET APPAREIL DE CREATION DE DESSINS

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **NAKASHIMA, Kazutoshi**; 103, Kopo-Hiromi, 5-37, Mizonokuchi 6-chome, Takatsuku, Kawasaki-shi, Kanagawa 213-0001 (JP). **TAMURA, Tomozo**; Sony Computer Entertainment Inc., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) **YAMAMOTO, Toshitake**; 301, Ogikubo Sunny Garden, 28-9, Ogikubo 4-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) AU BR CA CN KR MX NZ RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06T 15/00**

(11) **WO 00/72270** (13) A1

(21) PCT/JP00/03178

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 11/145686 **25 May/mai 1999 (25.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR GENERATING IMAGES
• PROCEDE ET APPAREIL DE GENERATION D'IMAGES

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **OKA, Masaaki**; Sony Computer Entertainment Inc., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) **YAMAMOTO, Toshitake**; 301, Ogikubo Sunny Garden, 28-9, Ogikubo 4-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) AU BR CA CN KR MX NZ RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G06T 15/50**

(11) **WO 00/72271** (13) A1

(21) PCT/US00/13295

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/316,335 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR MODELING SPECULAR REFLECTION
• PROCEDE ET APPAREIL DE MODELISATION DE REFLEXION SPECULAIRE

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, M/S: UPAL01-521, Palo Alto, CA 94303 (US).

(72) **BROWN, Russell, A.**; 1021 College Avenue, Palo Alto, CA 94306 (US).

(74) **HECKER, Gary, A.** et al. / etc.; The Hecker Law Group, 1925 Century Park East, Suite 2300, Los Angeles, CA 90067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G06T 17/30**

(11) **WO 00/72272** (13) A1

(21) PCT/FR00/01403

(22) **22 May/mai 2000 (22.05.2000)**

(25) fr (26) fr

(30) 99/06667 **20 May/mai 1999 (20.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR THREE-DIMENSIONAL CONSTRUCTION OF A VIRTUAL ORGAN REPRESENTING A REAL ORGAN
• PROCEDE DE CONSTRUCTION EN TROIS DIMENSIONS D'UN ORGANE VIRTUEL REPRESENTATIF D'UN ORGANE REEL

(71) **UNIVERSITE DE RENNES I** [FR/FR]; 2, rue du Thabor, F-35000 Rennes (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SIREGAR, Pridi** [FR/FR]; 26, rue de la Rebunière, F-35760 Montgermont (FR).

(74) **VIDON, Patrice**; Immeuble Germanium, 80, avenue des Buttes de Coësmes, F-35700 Rennes (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G06T 17/40**

(11) **WO 00/72273** (13) A1

(21) PCT/US00/14045

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,368 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR THE DISPLAY OF TOMOGRAPHIC IMAGE PLANES IN THREE-DIMENSIONAL SPACE
• SYSTEMES, PROCEDES, ET PRODUITS POUR PROGRAMMES D'ORDINATEUR SERVANT A LA PRESENTATION DE PLANS D'IMAGES TOMOGRAPHIQUES EN TROIS DIMENSIONS

(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, GA 30322 (US). **BRUMMER, Marijn, E.** [NL/US]; 4741 Hollyoak Place, Atlanta, GA 30308 (US).

(74) **MEUNIER, Andrew, T.** et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234-4009 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G07C 5/08**

(11) **WO 00/72274** (13) A1

(21) PCT/DE00/01089

(22) **8 Apr/avr 2000 (08.04.2000)**

(25) de (26) de

(30) 199 23 060.9 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE AND METHOD FOR KEEPING A LOG BOOK
• DISPOSITIF ET PROCEDE POUR TENIR UN LIVRET DE BORD

(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) **HESSING, Bernd** [DE/DE]; Kreuzgarten 32, D-31188 Holle (DE). **RYCHLAK, Stefan** [DE/DE]; Zum Busch 12, D-31241 Ilsede (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G07D 7/00, B42D 15/10**

(11) **WO 00/72275** (13) A1

(21) PCT/GB00/01837

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9912081.8 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SPECIALISED SURFACE
• SURFACE SPECIALISEE

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation Research Agency, A4 Building, Ively Road, Farnborough, Hampshire GU14 0LX (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAWRENCE, Christopher, Robert** [GB/GB]; DERA Farnborough, Hants GU14 0LX (GB). **VUKUSIC, Peter** [GB/GB]; University of Exeter, School of Physics, Stocker Road, Exeter EX4 4QL (GB). **SAMBLES, John, Roy** [GB/GB]; University of Exeter, School of Physics, Stocker Road, Exeter EX4 4QL (GB).

(74) **BOWDERY, A., O.**; D/IPD, DERA Formalities, A4 Building, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G07F 7/10**

(11) **WO 00/72276** (13) A1

(21) PCT/DE00/01088

(22) **8 Apr/avr 2000 (08.04.2000)**

(25) de (26) de

(30) 199 33 192.8 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR CUSTOMISING A CAR RADIO TO INDIVIDUAL REQUIREMENTS
• PROCEDE POUR PERSONNALISER UN AUTORADIO

(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) **DE VRIES, Claus** [DE/DE]; Abbenser Strasse 4, D-31234 Edemissen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G07F 11/44, 9/02**

(11) **WO 00/72277** (13) A1

(21) PCT/GB00/01912

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911927.3 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DISPENSERS
• DISTRIBUTEURS

(71) **MARS U.K. LIMITED** [GB/GB]; 3D Dundee Road, Slough, Berks SL1 4LG (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GREEN, Alan, Richard** [GB/GB]; Hornbeam, School Road, Burghfield, Reading RG30 3UA (GB).

(74) **COLGAN, Stephen, James**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G07F 17/26, H04N 5/76**

(11) **WO 00/72278** (13) A1

(21) PCT/KR00/00435

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 1999/18279 **20 May/mai 1999** KR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTOMATIC VENDING MACHINE FOR STICKER AND CARICATURE PRINTED ARTICLE
• DISTRIBUTEUR AUTOMATIQUE D'ARTICLE IMPRIME AUTOCOLLANT ET A CARICATURE

(71) **MEGA FEEL CO., LTD.** [KR/KR]; 1st Floor, Sambo Bldg., 81-5 Okum-Dong, Songpa-ku, Seoul 138-130 (KR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KIM, Jae-Sung** [KR/KR]; 2nd Floor, 90-9 Okum-Dong, Songpa-Ku, Seoul 138-130 (KR).

(74) **KIM, Young-Hwa**; Rm 101, Hwain Bldg., 824-29 Yeoksam-Dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) AT AU BR CA CN DE ES GB JP SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G07G 1/00**

(11) **WO 00/72279** (13) A1

(21) PCT/US99/18821

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/317,110 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IN-STORE PRINTING OF RAINCHECKS FOR DISCOUNT COUPONS OR OTHER PURCHASING INCENTIVES
• IMPRESSION INTERNE DE CHEQUES A VALEUR ULTERIEURE CORRESPONDANT A DES BONS DE REDUCTION OU A D'AUTRES INCITATIONS A LA CONSOMMATION

(71) **CATALINA MARKETING INTERNATIONAL, INC.** [US/US]; 11300 9th Street North, St. Petersburg, FL 33716 (US).

(72) **WHITE, Phillip**; Flat 2B Wellington Park, Clifton, Bristol UK BS8 2UT (US).

(74) **GHOLZ, Charles, L.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Crystal Square Five, 4th floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G08B**

(11) **WO 00/72280** (13) A2

(21) PCT/RU99/00173

(22) **25 May/mai 1999 (25.05.1999)**

(25) ru (26) ru

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GPS RECEIVER WITH EMERGENCY COMMUNICATION CHANNEL
• RECEPTEUR GPS COMPORTANT UN CANAL DE COMMUNICATIONS D'URGENCE

(71) **SAMSUNG ELECTRONICS COMPANY, LIMITED** [KR/KR]; 416, Maetan-3dong, Paldal-ku, Suwon City, Gyungki-do (KR).
*(only for / seulement pour AT AU BE CH CN CY DE DK ES FI FR GB GR IE IT JP KR LU MC NL PT SE)*

(71) **JSC "KOTLIN FIRM"** [RU/RU]; Obvodny kanal, 14, St.Petersburg, 193019 (RU).
*(only for / seulement pour RU)*

(72, 75) **ROG, Andrei Leonidovich** [RU/RU]; Otkrytoe shosse, 17-1-17, Moscow, 107143 (RU). **MALASHIN, Viktor Ivanovich** [RU/RU]; pr. Nauki, 44-336, St.Petersburg, 195273 (RU). **IVANOV, Vladimir Nikolaevich** [RU/RU]; Perevozny per., 9-85, St.Petersburg, 195297 (RU). **POVERENNY, Denis Georgievich** [RU/RU]; Suzdalsky pr., 91-3, St. Petersburg, 195297 (RU). **SILIN, Mikhail Jurievich** [RU/RU]; Semenovskaya nab., 3/1-2-49, Moscow, 105094 (RU). **PISAREV, Sergei Borisovich** [RU/RU]; Krasnoputilovskaya ul., 12-22, St.Petersburg, 198152 (RU). **FEDOTOV, Boris Dmitrievich** [RU/RU]; Kazanskaya ul., 5-6, St.Petersburg, 195213 (RU). **SHEBSHAEVICH, Boris Valentinovich** [RU/RU]; nab. reki Moiki, 104-3, St.Petersburg, 190121 (RU).

(74) **ROSLOV, Vladimir Nikolaevich**; ul. Butlerova, 4-2-128, Moscow, 117485 (RU).

(81) AU CN JP KR RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G08B 13/14**

(11) **WO 00/72281** (13) A1

(21) PCT/US00/12976

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/315,452 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RESONANT CIRCUIT DETECTION, MEASUREMENT AND DEACTIVATION SYSTEM EMPLOYING A NUMERICALLY CONTROLLED OSCILLATOR
• SYSTEME DE DETECTION, MESURE ET DESACTIVATION D'UN CIRCUIT RESONNANT, METTANT EN OEUVRE UN OSCILLATEUR A COMMANDE NUMERIQUE

(71) **CHECKPOINT SYSTEMS, INC.** [US/US]; 101 Wolf Drive, P.O. Box 188, Thorofare, NJ 08086 (US).

(72) **RUBIN, Stuart**; 2031 South Street, Philadelphia, PA 19146 (US).

(74) **KASTEN, Leslie, L., Jr.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G08B 17/107, 29/14, 29/24**

(11) **WO 00/72282** (13) A1

(21) PCT/IL99/00269

(22) **19 May/mai 1999 (19.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SELF ADJUSTING SMOKE DETECTOR
• DETECTEUR DE FUMEE AUTOREGLABLE

(71) **ROKONET ELECTRONICS LTD.** [IL/IL]; Hachoma Street 14, 75655 Rishon Letzion (IL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NISIM, Nitsan** [IL/IL]; Menachem Begin Street 54/13, 49732 Petach Tikva (IL). **KARTOUN, David** [IL/IL]; Simtat Iris, 47249 Ramat Hasharon (IL). **O'NEILL, David** [IL/IL]; Aliyat Hanoar 13, Ramot 02, 97234 Jerusalem (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, Petach Tikva 49002 (IL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G08B 21/00**

(11) **WO 00/72283** (13) A1

(21) PCT/US00/14370

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,615 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRESSURE MONITOR AND ALARM FOR COMPRESSION MOUNTING WITH COMPRESSED GAS STORAGE TANK
• DISPOSITIF DE SURVEILLANCE DE LA PRESSION ET ALARME DESTINES A UN MONTAGE SOUS PRESSION SUR UNE BOUTEILLE DE STOCKAGE DE GAZ COMPRIME

(71, 72) **McDERMOTT, Francis "Fritz"** [US/US]; 11619 Lennox Street, Yucaipa, CA 92399 (US).

(72, 75) **McDERMOTT, Bettie** [US/US]; 11619 Lennox Street, Yucaipa, CA 92399 (US).

(74) **HARMS, Donn**; Suite 200, 4565 Ruffner Street, San Diego, CA 92111 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP

KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **G08B 29/00, 23/00, 21/00, 19/00, 5/00, 7/00, G05B 23/02, H04L 7/00**

(11) **WO 00/72284** (13) A1

(21) PCT/US00/14258

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 60/135,877 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENHANCED VISUAL AND AUDIBLE SIGNALING FOR SENSED ALARM CONDITION
• SIGNALISATION VISUELLE ET SONORE RENFORCEE D'ETAT D'ALARME DETECTE

(71) **RANCO INCORPORATED OF DELAWARE** [US/US]; 300 Delaware Avenue, Suite 1704, Wilmington, DE 19801-1612 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TANGUAY, William, P.** [US/US]; 5730 Dearborn Parkway, Downers Grove, IL 60516 (US).

(74) **MARTIN, Terrence (Terry)**; Invensys-Intellectual Property Dept., B52-1J, 33 Commercial Street, Foxboro, MA 02035 (US).

(81) AU CA DE GB US.

---

(51)[7] **G08B 29/00**

(11) **WO 00/72285** (13) A1

(21) PCT/US00/14385

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,235 **24 May/mai 1999 (24.05.1999)** US

(30) 09/401,460 **22 Sep/sep 1999 (22.09.1999)** US

(30) 09/433,767 **3 Nov/nov 1999 (03.11.1999)** US

(30) 09/578,137 **24 May/mai 2000 (24.05.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRONIC MESSAGE DELIVERY SYSTEM UTILIZABLE IN THE MONITORING OE REMOTE EQUIPMENT AND METHOD OF SAME
• SYSTEME ELECTRONIQUE D'ACHEMINEMENT DE MESSAGES DESTINE A LA SURVEILLANCE D'UN EQUIPEMENT DISTANT

(71) **HEAT-TIMER CORPORATION** [US/US]; 20 New Dutch Lane, Fairfield, NJ 07004 (US).

(72) **SANDELMAN, David**; 20 New Dutch Lane, Fairfield, NJ 07004 (US). **SHPRECHER, Daniel**; 5 Rentwood Road, Highland Lakes, NJ 07422 (US). **REY, Joseph**; 40-23 Tierney Place, Fairlawn, NJ 07410 (US).

(74) **NEGRIN, Barry, E.** et al. / etc.; Levisohn, Lerner, Berger & Langsam, Suite 2400, 757 Third Avenue, New York, NJ 10017 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G08C 21/00**

(11) **WO 00/72286** (13) A1

(21) PCT/AU00/00562

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(30) PQ 3632 **25 Oct/oct 1999 (25.10.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RELAY DEVICE
• RELAIS

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU). **KING, Tobin, Allen** [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, New South Wales 2090 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G08C 21/00, G06K 7/10, 11/06**

(11) **WO 00/72287** (13) A1

(21) PCT/AU00/00567

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ORIENTATION SENSING DEVICE
• DISPOSITIF DE DECTECTION D'ORIENTATION

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [NO/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(74) **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G08G 1/00, G01S 1/68, G05D 1/02**

(11) **WO 00/72288** (13) A1

(21) PCT/JP00/03272

(22) **23 May/mai 2000 (23.05.2000)**

(25) ja (26) ja

(30) 11/144858 **25 May/mai 1999 (25.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTROMAGNETIC WAVE LANE MARKER, DEVICE FOR DETECTING ELECTROMAGNETIC WAVE LANE MARKER, AND TRAFFIC SYSTEM
• MARQUEUR DE VOIE D'ONDES ELECTROMAGNETIQUES, DISPOSITIF DE DETECTION DE CE MARQUEUR DE VOIE D'ONDES ELECTROMAGNETIQUES, ET SYSTEME DE TRAFIC

(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) **HANDA, Satoru** [JP/JP]; 1-1-4, Kitayamato, Ikoma-shi, Nara 630-0121 (JP). **TANJI, Yoshihiko** [JP/JP]; 6-7-13, Kofudai, Toyono-cho, Toyono-gun, Osaka 563-0104 (JP). **NAKATSUKA, Akira** [JP/JP]; 242-501, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0054 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **G08G 1/09**

(11) **WO 00/72289** (13) A1

(21) PCT/US00/14445

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,368 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BILLBOARD CONSUMPTION MEASUREMENT SYSTEM
• SYSTEME PERMETTANT DE MESURER L'EXPOSITION A UN PANNEAU PUBLICITAIRE

(71) **VERANCE CORPORATION** [US/US]; 6256 Greenwich Drive, Suite 500, San Diego, CA 92122 (US).

(72) **HAMPTON, Gregory, Dean**; 1455 Garnet Avenue, Apartment A, San Diego, CA 92109 (US). **MOALLEMI, Kamran**; 4314 Vista De La Tierra, Del Mar, CA 92014-4101 (US). **WARREN, Robert, L.**; 2471 Newport Avenue, Cardiff, CA 92007 (US).

(74) **LIPSITZ, Barry, R.**; 755 Main Street, Building No. 8, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G09B 11/00**

(11) **WO 00/72290** (13) A1

(21) PCT/AU00/00491

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) PQ 0516 **21 May/mai 1999** SU **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS FOR TRAINING HANDWRITING
• APPAREIL D'APPRENTISSAGE DE L'ECRITURE

(71) **REVELATION COMPUTING PTY LIMITED** [AU/AU]; 1 Matisse Street, Carseldine, QLD 4034 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CRAGO, Robert, Sanders** [AU/AU]; 1 Matisse Street, Carseldine, Qld 4034 (AU).

(74) **INTELLPRO**; Level 7, Reserve Bank Building, 102 Adelaide Street, (GPO Box 1339, Brisbane, Qld, 4001), Brisbane, Qld 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G09B 17/04**

(11) **WO 00/72291** (13) A1

(21) PCT/RU00/00217

(22) **24 May/mai 2000 (24.05.2000)**

(25) ru (26) ru

(30) 99111022 **25 May/mai 1999** RU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR DISPLAYING TEXT INFORMATION FOR RAPIDLY ASSIMILATING AND MEMORISING THE SAME
• PROCEDE D'AFFICHAGE D'INFORMATIONS DE TYPE TEXTE EN VUE DE LEUR ASSIMILATION RAPIDE ET DE LEUR MEMORISATION

(71, 72) **GATALOV, Oleg Nikolaevich** [RU/RU]; ul. Polozova, 12-8, St.Petersburg, 197135 (RU).

(74) **PETROVA, Tatyana Danilovna**; pr. Kosygina, 9-2-410, St.Petersburg, 195426 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G09B 29/10, 29/00**

(11) **WO 00/72292** (13) A1

(21) PCT/FR00/01401

(22) **22 May/mai 2000 (22.05.2000)**

(25) fr (26) fr

(30) 99/06522 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR GEOGRAPHICAL SITE DISPLAY
• PROCEDE DE VISUALISATION DE LIEUX GEOGRAPHIQUES

(71) **ISMAP (SA)** [FR/FR]; Technopôle de Château Gombert, F-13451 Marseille Cedex 20 (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LORNE, Ivan** [FR/FR]; 12, Traverse de la Roseraie, F-13007 Marseille (FR).

(74) **BREESE, Pierre** et al. / etc.; Breese-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **G09B 29/10**

(11) **WO 00/72293** (13) A1

(21) PCT/JP99/02747

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAP MAKING DEVICE
• DISPOSITIF DE FABRICATION DE CARTE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouschi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOTTA, Kazuyuki** [JP/JP]; Mitsubishi Denki Control Software Kabushiki Kaisha, 1-2, Hamayama-dori 6-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0871 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G09F 9/30**

(11) **WO 00/72294** (13) A1

(21) PCT/GB00/01708

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 9911788.9 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEGMENTED DISPLAY
• AFFICHAGE SEGMENTE

(71) **CAMBRIDGE CONSULTANTS LIMITED** [GB/GB]; Science Park, Milton Road, Cambridge CB4 4DW (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARNARDO, Christopher, John, Andrew** [GB/GB]; 42 Grange Road, Bishops Stortford, Hertfordshire CM23 5NQ (GB).

(74) **DIXON, Philip, Matthew**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) GB US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G09F 13/20**

(11) **WO 00/72295** (13) A1

(21) PCT/IB00/00671

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 99/3416 **19 May/mai 1999** ZA **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE

(71, 72) **DE VILLIERS, David, Johannes** [ZA/ZA]; 18 1st Road, Northwold, Randburg, 2155 Johannesburg (ZA).

(74) **PLA-PILLANS, Philip, Antonio**; Adams & Adams Cape Town Office, ABSA Centre, 32nd Floor, Suite 3203, Heerengracht, 8000 Cape Town (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G09G 1/16, G01G 1/00**

(11) **WO 00/72296** (13) A1

(21) PCT/EP00/04721

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 99201588.3 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POWER MANAGEMENT IN A MONITOR
• GESTION D'ENERGIE D'UN MONITEUR

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LONOCE, Giovanni** [IT/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **RAMOLFO, Alberto** [PT/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PALMERO, Augusto** [IT/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **STERKEN, Antoon, J., E.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G09G 3/22, 3/10, 3/00, 3/20**

(11) **WO 00/72297** (13) A1

(21) PCT/US00/12138

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/318,591 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN ELECTRONIC SYSTEM ASSOCIATED WITH DISPLAY SYSTEMS
• SYSTEME ELECTRONIQUE ASSOCIE A DES SYSTEMES D'AFFICHAGE

(71) **CANDESCENT TECHNOLOGIES CORPORATION** [US/US]; 6580 Via del Oro, San Jose, CA 95119 (US).

(72) **HANSEN, Ronald, L.**; 10941 Miguelito Road, San Jose, CA 95127 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036 (US).

(81) BR CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G09G 5/00, G06F 3/153**

(11) **WO 00/72298** (13) A1

(21) PCT/JP00/02900

(22) **1 May/mai 2000 (01.05.2000)**

(25) ja (26) ja

(30) 11/140453 **20 May/mai 1999** JP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMAGE DISPLAY SYSTEM AND INFORMATION STORAGE MEDIUM
• SYSTEME D'AFFICHAGE D'IMAGES ET SUPPORT DE MEMORISATION D'INFORMATIONS

(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) **KAMAKURA, Hiroshi** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **NAGASAKA, Fumio** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Intellectual Property Department, Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G09G 5/00**

(11) **WO 00/72299** (13) A1

(21) PCT/JP00/03276

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/141466 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROJECTION DISPLAY
• AFFICHAGE PAR PROJECTION

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FUJIWARA, Shuichi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **AKAIWA, Shoichi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Intellectual Property Dept., Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G09G 5/00, 5/08**

(11) **WO 00/72300** (13) A1

(21) PCT/US00/11427

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/317,518 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DATA ENTRY DEVICE RECORDING INPUT IN TWO DIMENSIONS
• DISPOSITIF D'ENTREE DE DONNEES ENREGISTRANT DES ENTREES EN DEUX DIMENSIONS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **WU, Charles, Yimin**; Blk 602, #12-26 Clementi West Street 1, Singapore (SG). **JIN, Guo**; 1589 Black Hawk Drive, Sunnyvale, CA 94087 (US).

(74) **BOSE, Romi, N.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) CN JP.

---

(51)[7] **G09G 5/00**

(11) **WO 00/72301** (13) A1

(21) PCT/US00/12980

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/316,224 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR ENTERING IDEOGRAPHIC CHARACTERS IN PORTABLE DEVICES
• PROCEDE D'ENTREE DE CARACTERES IDEOGRAPHIQUES DANS DES DISPOSITIFS PORTATIFS

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **HUANG, Jian-Cheng**; 7074 Catalina Isle Drive, Lake Worth, FL 33467 (US). **CHANG, Lu**; 7747 Villa Nova Drive, Lake Worth, FL 33433 (US).

(74) **NICHOLS, Daniel K.**; Motorola, Inc., Legal Department, Mail Stop 96, 1500 Gateway Boulevard, Boynton Beach, FL 33426-8292 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G10D 1/04**

(11) **WO 00/72302** (13) A1

(21) PCT/HR00/00015

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) P990149A **19 May/mai 1999 (19.05.1999)** HR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THE HARP HOLDER
• PORTE-HARPE

(71, 72) **ŠIMARA, Ljerka** [HR/HR]; Moslavački trg 19, H-10000 Zagreb (HR).

(74) **INOVA D.O.O.**; Trg Hrvatskih Velikana 14, 10000 Zagreb (HR).

(81) JP RU SI US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G10H 5/00**

(11) **WO 00/72303** (13) A1

(21) PCT/US00/13721

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,014 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VOICE-CONTROLLED ELECTRONIC MUSICAL INSTRUMENT
• INSTRUMENT DE MUSIQUE ELECTRONIQUE A COMMANDE VOCALE

(71, 72) **JAMESON, John, W.** [US/US]; 300 Torino Drive, No. 5, San Carlos, CA 94070 (US). **RING, Mark, B.** [US/US]; 14 Greenleaf Drive, Irvine, CA 92604 (US).

(74) **GLENN, Michael, A.** et al. / etc.; Glenn Patent Group, 3475 Edison Way, Suite L, Menlo Park, CA 94025 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G10K 15/04, G10L 11/00 // 101:00**

(11) **WO 00/72304** (13) A1

(21) PCT/JP00/03320

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143074 **24 May/mai 1999 (24.05.1999)** JP

(30) 2000/67598 **10 Mar/mar 2000 (10.03.2000)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SOUND GENERATOR AND METHOD FOR MANUFACTURING THE SAME
• GENERATEUR DE SONS ET PROCEDE DE FABRICATION ASSOCIE

(71, 72) **ISHII, Tatsuya** [JP/JP]; 12-15, Sumiyoshihonmachi 3-chome, Higashinada-ku, Kobe-shi, Hyogo 658-0051 (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) AU CA CN JP KR NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G10L**

(11) **WO 00/72305** (13) A2

(21) PCT/DK00/00263

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) PA 1999 00691 **19 May/mai 1999 (19.05.1999)** DK

(30) PA 2000 00201 **8 Feb/fév 2000 (08.02.2000)** DK

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD AND APPARATUS FOR NOISE REDUCTION IN SPEECH SIGNALS
• PROCEDE ET DISPOSITIF DE REDUCTION DU BRUIT DANS DES SIGNAUX VOCAUX

(71) **NOISECOM APS** [DK/DK]; Niels Jernes Vej 10, DK-9220 Aalborg Ø (DK).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HERMANSEN, Kjeld** [DK/DK]; Stammen 67, DK-9260 Gistrup (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, DK-1250 Copenhagen K (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **G10L 9/18**

(11) **WO 00/72306** (13) A1

(21) PCT/US99/11473

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REAL-TIME QUALITY ANALYZER FOR VOICE AND AUDIO SIGNALS
• ANALYSEUR DE QUALITE EN TEMPS REEL POUR SIGNAUX VOCAUX ET AUDIO

(71) **ALGOREX, INC.** [US/US]; 447 Battery Street, San Francisco, CA 94111 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ATKINSON, Ian, Andrew** [GB/US]; 1968 Ellis Street, San Francisco, CA 94115 (US). **LEE, Martin** [GB/US]; Apartment 1, 371 25th Avenue, San Francisco, CA 94121 (US). **MA, Wei** [SG/US]; 22819 Lakemont PL, Castro Valley, CA 94552 (US). **HOMAYOUNFAR, Kambiz** [US/JP]; 1-35-11 Ebisu-Nishi, Daikanyama Tower #303, Shibuya-ku, Tokyo 105 (JP).

(74) **BEULICK, John, S.** et al. / etc.; Armstrong Teasdale LLP, Suite 2600, One Metropolitan Square, St. Louis, MO 63102-2740 (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 HU ID IL IS JP KE KG KP KR KZ 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.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G10L 15/20**

(11) **WO 00/72307** (13) A1

(21) PCT/EP00/03738

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) en (26) en

(30) 1012148 **25 May/mai 1999 (25.05.1999)** NL

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SPEECH-PROCESSING SYSTEM
• SYSTEME DE TRAITEMENT DE LA PAROLE

(71) **KONINKLIJKE KPN N.V.** [NL/NL]; Stationsplein 7, NL-9726 AE Groningen (NL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DRENTH, Egbert, Willem** [NL/NL]; Bergweg 105-B, NL-3037 ED Rotterdam (NL). **KAMPERMAN, Johannes, Hendrikus, Gerrit** [NL/NL]; Erasmusstraat 1-204, NL-2802 KE Gouda (NL). **HUISMAN, Victor, Caspar, Alexander** [NL/NL]; Wrightlaan 11, NL-2289 KJ Rijswijk (NL). **BOVES, Lodewijk, Willem, Johan** [NL/NL]; Rembrandtstraat 18, NL-6521 ME Nijmegen (NL).

(74) **KRUK, Wiggert, Johan**; Koninklijke KPN N.V., P.O. Box 95321, NL-2509 CH The Hague (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G10L 15/20, 21/04**

(11) **WO 00/72308** (13) A1

(21) PCT/JP00/03113

(22) **16 May/mai 2000 (16.05.2000)**

(25) ja (26) ja

(30) 11/141838 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERVAL NORMALIZATION DEVICE FOR VOICE RECOGNITION INPUT VOICE
• NORMALISATEUR D'INTERVALLE POUR SIGNAL VOCAL D'ENTREE DE RECONNAISSANCE VOCALE

(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) **ODA, Mikio** [JP/JP]; 32-9, Minoyamakosui, Yawata-shi, Kyoto 614-8279 (JP).

(74) **OGASAWARA, Shiro**; Daisan-Longev' Building, 3-11, Enokicho, Suita-shi, Osaka 564-0053 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G10L 19/00, H04L 9/00, H04H 9/00**

(11) **WO 00/72309** (13) A1

(21) PCT/US00/14057

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/318,045 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DECODING OF INFORMATION IN AUDIO SIGNALS
• DECODAGE D'INFORMATIONS DANS DES SIGNAUX AUDIO

(71) **CERIDIAN CORPORATION** [US/US]; 9705 Patuxent Woods Drive, Columbia, MD 21046 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(74) **FLANAGAN, Eugene, L., III**; Whitman Breed Abbott & Morgan LLP, 200 Park Avenue, New York, NY 10166 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G10L 21/04, G06F 17/15**

(11) **WO 00/72310** (13) A1

(21) PCT/EP00/04430

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911737.6 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUDIO SIGNAL TIME SCALE MODIFICATION
• MODIFICATION DE L'ECHELLE DE TEMPS DE SIGNAUX AUDIO

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **BALLESTY, Darragh**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GALLERY, Richard, D.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WHITE, Andrew, G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G11B**

(11) **WO 00/72311** (13) A2

(21) PCT/DE00/01610

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 517.1 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR BRANCHING DURING THE PROCESSING OF A PROGRAM BY A PROCESSOR
• PROCEDE ET DISPOSITIF DE RAMIFICATION LORS DE L'EXECUTION D'UN PROGRAMME PAR UN PROCESSEUR

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, D-81541 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JENSEN, Karsten** [DE/DE]; Bernhardts Weg 2, D-01705 Freital (DE). **HOBER, Peter** [DE/DE]; Sommerstrasse 18, D-85521 Riemerling (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G11B**

(11) **WO 00/72312** (13) A2

(21) PCT/US00/13736

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,398 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REMOVABLE OPTICAL STORAGE DEVICE AND SYSTEM
• DISPOSITIF ET SYSTEME OPTIQUES DE STOCKAGE DE DONNEES AMOVIBLES

(71) **DATAPLAY.COM** [US/US]; 6200 Lookout Road, Boulder, CO 80301 (US).

(72) **BRAITBERG, Michael, F.**; 440 Broken Fence Road, Boulder, CO 80302 (US). **VOLK, Steven, B.**; 3805 Norwood Court, Boulder, CO 80304 (US). **VOLAN, Gregory, D.**; 7245 Cardinal Lane, Longmont, CO 80503 (US). **REDMOND, Ian, R.**; 5072 Province Lane Road, Princeton, NJ 08540 (US).

(74) **HUGHES, Richard, L.** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, CO 80202-5141 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G11B 5/02, 11/105, 21/21**

(11) **WO 00/72313** (13) A1

(21) PCT/JP00/03152

(22) **17 May/mai 2000 (17.05.2000)**

(25) ja (26) ja

(30) 11/138184 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONVERTER SUPPORT STRUCTURE
• STRUCTURE DE SUPPORT DE CONVERSION

(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) **MIZUNO, Osamu** [JP/JP]; 1-2-34, Minami-tanabe, Higashi-sumiyoshi-ku, Osaka-shi, Osaka 546-0033 (JP). **MURAKAMI, Yutaka** [JP/JP]; 1-21-27, Nagao-motomachi, Hirakata-shi, Osaka 573-0163 (JP). **ENSHU, Hisayuki** [JP/JP]; 21-71, Shimo-otani, Kuze, Jyoyo-shi, Kyoto 610-0102 (JP). **AIKOH, Hideki** [JP/JP]; 2-7-12, Inada-honmachi, Higashi-osaka-shi, Osaka 577-0007 (JP). **NAKAMURA, Tohru** [JP/JP]; 5-17-8, Fujigao, Katano-shi, Osaka 576-0022 (JP).

(74) **MATSUDA, Masamichi**; Shin-Osaka Ikushima Building, 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G11B 5/596, 21/10, G05B 5/01, G05D 3/00**

(11) **WO 00/72314** (13) A1

(21) PCT/SG00/00072

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9902415-0 **20 May/mai 1999** SG **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DISTURBANCE ATTENUATION IN A PRECISION SERVOMECHANISM BY A FREQUENCY-SEPARATED ACCELERATION SOFT SENSOR
• UTILISATION D'UN DETECTEUR LOGICIEL D'ACCELERATION A SEPARATION DE FREQUENCES POUR ATTENUER LES PERTURBATIONS AFFECTANT UN SERVOMECANISME

(71) **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LUO, Yaolong** [CN/SG]; INTRO, National University Of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG). **LEE, Tong, Heng** [SG/SG]; INTRO, National University Of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG). **GE, Shuzhi** [SG/SG]; INTRO, National University Of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG).

(74) **APPLIED RESEARCH CORPORATION**; Kent Ridge, P.O. Box 1016, Singapore 911101 (SG).

(81) JP US.

---

(51)[7] **G11B 5/72, 5/84**

(11) **WO 00/72315** (13) A1

(21) PCT/US00/14641

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,905 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CARBON NITRIDE OVERCOAT LAYER AND METHOD FOR FORMING
• COUCHE FORMANT UN REVETEMENT SUPERIEUR AU NITRURE DE CARBONE ET PROCEDE DE FORMATION ASSOCIE

(71) **HYUNDAI ELECTRONICS AMERICA, INC.** [US/US]; 3101 North First Street, San Jose, CA 95134 (US).

(72) **CHU, Xi**; 42252 Live Oak Circle, Fremont, CA 94539 (US). **ZHANG, Bing**; 997 Debora Court, Fremont, CA 94539 (US).

(74) **COLWELL, Robert, C.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G11B 7/0045, 7/006, 7/24, B41M 5/26**

(11) **WO 00/72316** (13) A1

(21) PCT/JP00/03036

(22) **11 May/mai 2000 (11.05.2000)**

(25) ja (26) ja

(30) 11/138067 **19 May/mai 1999** JP **(19.05.1999)**

(30) 2000/76514 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL RECORDING METHOD AND OPTICAL RECORDING MEDIUM
• PROCEDE D'ENREGISTREMENT OPTIQUE ET SUPPORT D'ENREGISTREMENT OPTIQUE

(71) **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) **NOBUKUNI, Natsuko** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). **HORIE, Michikazu** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP).

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G11B 7/007, 7/004, 19/12, 20/12, 20/10**

(11) **WO 00/72317** (13) A1

(21) PCT/JP00/03228

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/141888 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL DISK, OPTICAL DISK RECORDING/REPRODUCING APPARATUS, AND RECORDING METHOD
• DISQUE OPTIQUE, ENREGISTREUR/LECTEUR DE DISQUE OPTIQUE ET PROCEDE D'ENREGISTREMENT

(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) **TOSAKI, Yoshihiro** [JP/JP]; 20-2-4, Gakuenminamimachi, Ibaraki-shi, Osaka 567-0834 (JP). **ODAGIRI, Masaru** [JP/JP]; 2-2-46, Seiwadainishi, Kawanishi-shi, Hyogo 666-0143 (JP). **SHIMADA, Hiromichi** [JP/JP]; 13-24, Omori-cho, Nishinomiya-shi, Hyogo 663-8023 (JP). **TANAKA, Shinichi** [JP/JP]; 1-42-14, Yamatehigashi, Kyotanabe-shi, Kyoto 610-0357 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G11B 7/24, 7/26**

(11) **WO 00/72318** (13) A1

(21) PCT/JP00/03327

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143665 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL DISK AND PRODUCTION METHOD THEREFOR
• DISQUE OPTIQUE ET SON PROCEDE DE PRODUCTION

(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) **YAMASAKI, Takeshi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **YUKUMOTO, Tomomi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KASHIWAGI, Toshiyuki** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AU BR CA CN JP KR MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **G11B 11/10**

(11) **WO 00/72319** (13) A1

(21) PCT/JP99/02613

(22) **19 May/mai 1999 (19.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INFORMATION RECORDING MEDIUM AND MANUFACTURING METHOD THEREOF
• SUPPORT D'ENREGISTREMENT DE DONNEES ET PROCEDE DE FABRICATION DUDIT SUPPORT

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IKEYA, Tomonori** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **NOGAWA, Shintaro**; Minamimorimachi Park Building 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) JP US.

---

(51)[6] **G11B 19/04, 17/04**

(11) **WO 00/72320** (13) A1

(21) PCT/JP99/02730

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INFORMATION STORAGE DEVICE
• DISPOSITIF DE STOCKAGE D'INFORMATIONS

(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) **NAGASAKI, Tatsutoshi** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **MATSUMOTO, Takashi**; Matsumoto & Associates, Almond Akasaka Building 9th floor 2-2, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) JP US.

---

(51)[7] **G11B 20/00, 20/10, H04H 1/00**

(11) **WO 00/72321** (13) A1

(21) PCT/US00/13913

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/316,899 **22 May/mai 1999** US **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUDIO WATERMARKING WITH DUAL WATERMARKS
• FILIGRANE AUDIO NUMERIQUE A DOUBLE FILIGRANE

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) **KIROVSKI, Darko**; 16624 NE 34th Court, Redmond, WA 98052 (US). **MALVAR, Henrique**; 2302 233rd Ave. NE, Redmond, WA 98053 (US). **JAKUBOWSKI, Mariusz, H.**; 1840 154th Avenue NE#C-222, Bellevue, WA 98007 (US).

(74) **LEE, Lewis, C.** et al. / etc.; 421 W. Riverside Avenue, Suite 500, Spokane, WA 99201 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G11B 20/12, 27/00, 27/10**

(11) **WO 00/72322** (13) A1

(21) PCT/JP00/03250

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/140131 **20 May/mai 1999** JP **(20.05.1999)**

(30) 11/301542 **22 Oct/oct 1999** JP **(22.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REMOVABLE MEMORY AND REMOVABLE MEMORY DRIVE
• MEMOIRE AMOVIBLE ET LECTEUR DE MEMOIRE AMOVIBLE

(71) **HITACHI MAXELL LIMITED** [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki, Osaka 567-0877 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAN, Kimiharu** [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki, Osaka 567-0877 (JP). **UMEBAYASHI, Nobuhiro** [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki, Osaka 567-0877 (JP).

(74) **FUJIMOTO, Ryosuke**; Tokyo St Building, 9th floor, 4-9-4, Hatchobori, Chuo-ku, Tokyo 104-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G11B 27/32, 27/36, 15/087**

(11) **WO 00/72323** (13) A1

(21) PCT/GB00/01899

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/314,073 **19 May/mai 1999** US **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DATA SET TO RECORDING MEDIA REGISTRATION AND SYNCHRONIZATION
• ENSEMBLE DE DONNEES DESTINE A L'INSCRIPTION ET A LA SYNCHRONISATION DE SUPPORTS D'ENREGISTREMENT

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York, NY 10504 (US).

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
*(only for / seulement pour MC)*

(72) **BUI, Nhan, Xuan**; 7402 E 29th Street, Tucson, AZ 85710 (US). **JAQUETTE, Glen, Alan**; 5270 N Rocky Ridge Place, Tucson, AZ 85750 (US). **KOSKI, John, Alexander**; 3752 N Via De La Luna, Tucson, AZ 85749 (US). **TSURUTA, Kazuhiro**; 1-18-10-502 Higashirinkan, Sagamihara City, Kanagawa 228-0811 (JP).

(74) **JENNINGS, Michael, John**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **G11C 11/16, 11/15, 11/14**

(11) **WO 00/72324** (13) A1

(21) PCT/US00/14206

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,073 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOCAL SHIELDING FOR MEMORY CELLS
• MASQUAGE LOCAL POUR CELLULES DE MEMOIRE

(71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **ZHU, Theodore**; 6257 Quantico Lane, Maple Grove, MN 55311 (US). **SATHER, Jeffrey, S.**; 4625 Walnut Street, Medina, MN 55359 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **G21C 19/07, G21F 5/012**

(11) **WO 00/72325** (13) A1

(21) PCT/GB00/01642

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 9911979.4 **24 May/mai 1999** GB **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A CONTAINER FOR NUCLEAR FUEL ELEMENTS
• RECIPIENT D'ELEMENTS DE COMBUSTIBLE NUCLEAIRE

(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) **MINSHALL, David** [GB/GB]; British Nuclear Fuels plc, Risley, Warrington, Cheshire WA3 6AS (GB).

(74) **JONES, Keith, William**; Harrison Goddard Foote, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G21C 19/07**

(11) **WO 00/72326** (13) A1

(21) PCT/GB00/01648

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 9912089.1 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A CONTAINER FOR NUCLEAR FUEL ELEMENTS
• CONTENEUR POUR ELEMENTS DE COMBUSTIBLE NUCLEAIRE

(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) **MINSHALL, David** [GB/GB]; British Nuclear Fuels plc, Risley, Warrington, Cheshire WA3 6AS (GB). **GARFIELD-FORD, Robert** [GB/GB]; British Nuclear Fuels plc, Risley, Warrington, Cheshire WA3 6AS (GB).

(74) **JONES, Keith, William**; Harrison Goddard Foote, 11c Compstall Road, Stockport SK6 5HH (GB) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **G21F 5/00, G21C 19/40**

(11) **WO 00/72327** (13) A1

(21) PCT/US00/14032

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,729 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • URANIUM OXIDE SHIPPING CONTAINER
• CONTENEUR D'EXPEDITION D'OXYDE D'URANIUM

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **STRINE, Roger, E.**; 900 Rabbit Run, Wilmington, NC 28409 (US). **DOWNING, Ronald, E.**; 6604 Cove Point, Wilmington, NC 28409 (US). **FORNASIERO, Gregory, B.**; 4190 Woodstock Drive, Wilmington, NC 28412 (US). **PAULSON, Lon, E.**; 207 Gregory Road, Wilmington, NC 28405 (US).

(74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G21F 9/28**

(11) **WO 00/72328** (13) A1

(21) PCT/EP00/04055

(22) **5 May/mai 2000 (05.05.2000)**

(25) de (26) de

(30) 199 23 537.6 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE FOR PURIFYING AND/OR DECONTAMINATING FUEL ELEMENTS
• DISPOSITIF PERMETTANT DE NETTOYER ET/OU DECONTAMINER DES ELEMENTS COMBUSTIBLES

(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) **MARQUARDT, Günter** [DE/DE]; Eichenstrasse 15, D-91099 Poxdorf (DE). **WILLE, Harald** [DE/DE]; Konrad-Haussner-Strasse 16, D-91058 Erlangen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) HU JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **G21G 1/12**

(11) **WO 00/72329** (13) A2

(21) PCT/US00/13922

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,700 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POWER FROM FISSION OF SPENT NUCLEAR WASTER
• ENERGIE PROVENANT DE LA FISSION DE DECHETS NUCLEAIRES REJETES

(71, 72) **BROWN, Paul, M.** [US/US]; 30 South Weatherby Drive, Meridian, ID 83642 (US).

(74) **PEDERSEN, Ken, J.** et al. / etc.; Pedersen and Company, PLLC, P.O. Box 2666, Boise, ID 83701 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **G21K 1/06**

(11) **WO 00/72330** (13) A1

(21) PCT/US00/14320

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,639 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PARALLEL X-RAY NANOTOMOGRAPHY
• NANOTOMOGRAPHIE PARALLELE A RAYONS X

(71) **JMAR RESEARCH, INC.** [US/US]; 3956 Sorrento Valley Blvd., San Diego, CA 92121

(US). **NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)** [—/US]; Administration Mail Stop 1003, Gaithersburg, MD 20899 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEVINE, Zachary, H.** [US/US]; 204 Evans Street, Rockville, MD 20850 (US). **TURCU, Edmond, I., C.** [GB/US]; 510 Stratford Court #304A, Del Mar, CA 92014 (US).

(74) **BROOK, Mitchell, P.** et al. / etc.; Baker & McKenzie, 12th Floor, 101 West Broadway, San Diego, CA 92101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01B 1/12, H05K 3/42, C08G 61/12**

(11) **WO 00/72331** (13) A1

(21) PCT/EP00/04107

(22) **8 May/mai 2000 (08.05.2000)**

(25) de (26) de

(30) 199 23 140.0 **20 May/mai 1999** DE **(20.05.1999)**

(30) 199 31 114.5 **6 Jul/juil 1999** DE **(06.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF PRODUCING π-CONJUGATED POLYMERS
• PROCEDE POUR PRODUIRE DES POLYMERES π CONJUGUES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GROENENDAAL, Lambertus** [NL/BE]; Stenenmuurstraat 20, B-9112 Sinaai (BE). **JONAS, Friedrich** [DE/DE]; Krugenofen 15, D-52066 Aachen (DE). **PIELARTZIK, Harald** [DE/DE]; Bethelstr. 37, D-47800 Krefeld (DE). **RITTER, Helmut** [DE/DE]; Rotdornweg 37, D-42111 Wuppertal (DE). **STORSBERG, Joachim** [DE/DE]; Löwensteiner Ring 6, D-55286 Wörrstadt (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01C 7/13, 7/02, H02H 3/08**

(11) **WO 00/72332** (13) A1

(21) PCT/US00/13776

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,641 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • JUNCTION BOX WITH OVER-CURRENT PROTECTION
• BOITE A BORNES DOTEE D'UNE PROTECTION DE SURINTENSITE

(71) **BOURNS, INC.** [US/US]; 1200 Columbia Avenue, Riverside, CA 92705 (US).

(72) **CAFFREY, James**; 1 The Lawn, Westgrove, Donnybrook, Cork (IE).

(74) **KLEIN, Howard, J.** et al. / etc.; Klein & Szekeres, LLP, 4199 Campus Drive, Suite 700, Irvine, CA 92612 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01C 10/06**

(11) **WO 00/72333** (13) A1

(21) PCT/US00/13032

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/318,183 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VARIABLE RESISTANCE DEVICES AND METHODS
• DISPOSITIFS ET PROCEDES DE RESISTANCE VARIABLE

(71) **VARATOUCH TECHNOLOGY INCORPORATED** [US/US]; 7325 Roseville Road, Sacramento, CA 95842-1600 (US).

(72) **SCHRUM, Allan, E.**; 3197 Boeing Road, Cameron Park, CA 95682 (US). **ROGERS, Michael, D.**; 966 King George Way, El Dorado Hills, CA 95762 (US).

(74) **LEUNG, Chun-Pok, Roger** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01F 1/18, 1/153, C21D 8/12, H01F 41/02**

(11) **WO 00/72334** (13) A1

(21) PCT/US00/13590

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/315,549 **20 May/mai 1999** US **(20.05.1999)**

(30) 60/141,209 **25 Jun/juin 1999** US **(25.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAGNETIC CORE INSULATION
• ISOLATION DE NOYAU MAGNETIQUE

(71) **NATIONAL-ARNOLD MAGNETICS** [US/US]; 17130 Muskrat Avenue, Adelanto, CA 92301 (US).

(72) **LATHLAEN, Richard**; 15988 Turtleback Road, San Diego, CA 92127 (US). **WOOD, Richard**; 111 S. Fairway, P.O. Box 1229, Blue Jay, CA 92317 (US). **BECKHAM, William**; 10264 Mesa, Hesperia, CA 92345 (US).

(74) **NATAUPSKY, Steven, J.**; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01F 6/00**

(11) **WO 00/72335** (13) A2

(21) PCT/GB00/01909

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911680.8 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUPERCONDUCTING COILS
• BOBINES SUPERCONDUCTRICES

(71) **OXFORD INSTRUMENTS SUPERCONDUCTIVITY LIMITED** [GB/GB]; Old Station Way, Eynsham, Witney, Oxon OX8 1TL (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RYAN, David, Thomas** [GB/GB]; 52 Williams Street, Oxford OX3 0ER (GB). **WILSON, Martin, Norman** [GB/GB]; Brook House, 33 Lower Radley, Abingdon OX14 3AY (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01F 21/04, 29/12**

(11) **WO 00/72336** (13) A1

(21) PCT/EP00/05226

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912204.6 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSFORMER/REACTOR
• TRANSFORMATEUR/REACTEUR

(71) **ABB AB** [SE/SE]; S-721 83 Västerås (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FROMM, Udo** [DE/SE]; Liegatan 33, S-724 67 Västerås (SE). **SASSE, Christian** [DE/SE]; Drottninggatan 4B, S-724 64 Västerås (SE). **HOLMBERG, Pär** [SE/SE]; Haga Parkgata 6C, S-723 36 Västerås (SE). **RUSSBERG, Gunnar** [SE/SE]; Förvaltargatan 12, S-724 66 Västerås (SE).

(74) **HANSON, William, Bennett** et al. / etc.; JY & GW Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01F 29/12, 21/04**

(11) **WO 00/72337** (13) A1

(21) PCT/EP00/05227

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912205.3 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A VARIABLE TRANSFORMER
• TRANSFORMATEUR VARIABLE

(71) **ABB AB** [SE/SE]; S-721 83 Västerås (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FROMM, Udo** [DE/SE]; Liegatan 33, S-724 67 Västerås (SE). **SASSE, Christian** [DE/SE]; Drottninggatan 4B, S-724 64 Västerås (SE). **JOHANSSON, Kenneth** [SE/SE]; Bangatan 23B, S-724 28 Västerås (SE).

(74) **HANSON, William, Bennett** et al. / etc.; JY & GW Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01F 38/00, H02H 9/08**

(11) **WO 00/72338** (13) A1

(21) PCT/SE00/01063

(22) **25 May/mai 2000 (25.05.2000)**

(25) sv (26) en

(30) 9901918-4 **25 May/mai 1999** SE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ACTIVE BOOSTER TRANSFORMER SYSTEM
• SYSTEME DE TRANSFORMATEUR RELAIS ACTIF

(71) **ENVIROMENTOR AB** [SE/SE]; Box 5124, S-402 23 Göteborg (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JOHANSSON, Bengt** [SE/SE]; Dr. Hjorts gata 1C, S-413 23 Göteborg (SE). **HAMNERIUS, Yngve** [SE/SE]; Vasagatan 48, S-411 37 Göteborg (SE).

(74) **ANDERSSON, Per** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01F 38/30**

(11) **WO 00/72339** (13) A1

(21) PCT/FR00/01360

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06488 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CURRENT PICK-UP SHOE WITH TWO ASSEMBLY POSITIONS
• CAPTEUR DE COURANT A DEUX POSITIONS DE MONTAGE

(71) **ABB CONTROL** [FR/FR]; 10, rue Ampère, F-69680 Chassieu (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VILAS-BOAS, Armando** [FR/FR]; 3, rue Guy de Maupassant, F-69800 Saint Priest (FR).

(74) **LEFEBURE, Gérard**; Cabinet Loyer, 78, avenue Raymond Poincaré, F-75116 Paris (FR).

(81) IN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01G 9/20**

(11) **WO 00/72340** (13) A1

(21) PCT/DE00/01554

(22) **15 May/mai 2000 (15.05.2000)**

(25) de (26) de

(30) 199 23 112.5 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PHOTOVOLTAICALLY SELF-CHARGING STORAGE SYSTEM
• SYSTEME ACCUMULATEUR A AUTOCHARGE PHOTOVOLTAIQUE

(71) **FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, 80636 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GEORG, Andreas** [DE/DE]; Mettackerweg 40, 79111 Freiburg (DE). **HAUCH, Anneke** [DE/DE]; Vorarlberger Weg 9, 79111 Freiburg (DE).

(74) **GAGEL, Roland**; Landsbergerstrasse 480a, 81241 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01H 9/00, 11/06**

(11) **WO 00/72341** (13) A1

(21) PCT/EP00/01691

(22) **29 Feb/fév 2000 (29.02.2000)**

(25) de (26) de

(30) 199 23 722.0 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTACT ASSEMBLY ON A PRESELECTOR
• ENSEMBLE CONTACT MONTE SUR UN PRESELECTEUR

(71) **MASCHINENFABRIK REINHAUSEN GMBH** [DE/DE]; Falkensteinstrasse 8, D-93059 Regensburg (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOBLER, Claudia** [DE/DE]; Höllgrabenstrasse 26, D-93188 Pielenhofen (DE). **LAUTERWALD, Rolf** [DE/DE]; Thon-Dittmer-Strasse 9, D-93186 Pettendorf (DE). **SCHMID, Richard** [DE/DE]; Am Fussenbühl 2, D-93173 Fussenberg (DE).

(74) **MASCHINENFABRIK REINHAUSEN GMBH**; Falkensteinstrasse 8, D-93059 Regensburg (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01H 9/00**

(11) **WO 00/72342** (13) A2

(21) PCT/US00/13779

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,886 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MERCURY-FREE ARCLESS HYBRID RELAY
• RELAIS HYBRIDE SANS ARC EXEMPT DE MERCURE

(71) **WATLOW ELECTRIC MANUFACTURING COMPANY** [US/US]; 12001 Lackland, St. Louis, MO 63146 (US).

(72) **LIM, Tiong, Seng**; Blk 224, #18-763, 310224 Toa Payoh Lor (SG).

(74) **ROSENBERG, Matthew, A.**; Herzog, Crebs & McGhee, LLP, 24th Floor, One City Centre, 515 North Sixth Street, St. Louis, MO 63101-2409 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01H 9/02, 13/70**

(11) **WO 00/72343** (13) A1

(21) PCT/EP00/04507

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 392.6 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MANUAL CONTROL DEVICE FOR USE IN THE HEALTH CARE SECTOR
• APPAREIL A COMMANDE MANUELLE UTILISE DANS LE SECTEUR DES SOINS DE SANTE

(71) **ALBERT ACKERMANN GMBH + CO. KG** [DE/DE]; Albertstrasse 4-8, D-51643 Gummersbach (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GROSS, Johannes** [DE/DE]; Gummarstrasse 53, D-51647 Gummersbach (DE). **WEGERHOFF, Bernd** [DE/DE]; Königsheider Weg 10, D-51709 Marienheide (DE).

(74) **WILHELM, Hans-H.**; Wilhelm & Dauster, Hospitalstrasse 8, D-70174 Stuttgart (DE).

(81) PL RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01H 9/02, 35/42, 9/04**

(11) **WO 00/72344** (13) A1

(21) PCT/EP00/04508

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 395.0 **21 May/mai 1999** DE **(21.05.1999)**

(30) 199 25 051.0 **1 Jun/juin 1999** DE **(01.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BED CONTROL UNIT FOR USE IN THE FIELD OF NURSING CARE
• APPAREIL DE COMMANDE DE LIT POUR LE DOMAINE DES SOINS

(71) **ALBERT ACKERMANN GMBH + CO. KG** [DE/DE]; Albertstrasse 4-8, D-51643 Gummersbach (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KUHN, Horst** [DE/DE]; Rosenstrasse 22, D-51709 Marienheide (DE). **LINKE, Rainer** [DE/DE]; Kleffstrasse 14, D-51645 Gummersbach (DE).

(74) **WILHELM, Hans-H.**; Wilhelm & Dauster, Hospitalstrasse 8, D-70174 Stuttgart (DE).

(81) PL RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01H 13/70**

(11) **WO 00/72345** (13) A1

(21) PCT/EP00/04510

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 683.6-42 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • GLASS KEYBOARD AND USE THEREOF
• CLAVIER EN VERRE ET SON UTILISATION

(71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, D-55122 Mainz (DE).
*(for all designated States except / pour tous les États désignés sauf AU GB IE JP KP KR SG TZ)*

(71) **CARL-ZEISS-STIFTUNG trading as SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, D-55122 Mainz (DE).
*(only for / seulement pour AU BB BF BJ CF CG CI CM GA GB GD GE GH GM GN GW IE IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZW)*

(71) **CARL-ZEISS-STIFTUNG** [DE/DE]; D-89518 Heidenheim An der Brenz (DE).
*(only for / seulement pour BB BF BJ CF CG CI CM GA GD GE GH GM GN GW IN JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SL SN SZ TD TG TT TZ UG VN ZW)*

(72, 75) **OSTENDARP, Heinrich** [DE/DE]; Drechslerweg 12B, D-55128 Mainz (DE). **SOMMER, Martin** [DE/DE]; Am Sportfeld 12 B, D-55437 Ockenheim (DE).

(74) **SCHOTT GLAS**; Hattenbergstrasse 10, D-55122 Mainz (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01H 13/70**

(11) **WO 00/72346** (13) A1

(21) PCT/US00/12715

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/318,083 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTEGRALLY MOLDED KEYSWITCH BASE
• BASE DE COMMUTATEUR À TOUCHE MOULÉE D'UNE SEULE PIÈCE

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

(72) **NIELSEN, Kennard, E.**; 7714 211th Avenue NE, Redmond, WA 98052 (US). **LUTIAN, John, M.**; 14430 NE 35th Street, L-202, Bellevue, WA 98007 (US). **GIBBONS, R., Thomas, II**; 117 E. Louisa Street, Apt. 182, Seattle, WA 98102 (US).

(74) **BRUSH, David, D.** et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600, International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01H 33/38, 33/66**

(11) **WO 00/72347** (13) A1

(21) PCT/FR00/00619

(22) **15 Mar/mar 2000 (15.03.2000)**

(25) fr (26) fr

(30) 99/06592 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ON/OFF CONTROL DEVICE, ESPECIALLY FOR A DISCONNECTION DEVICE SUCH AS A CIRCUIT BREAKER AND CIRCUIT BREAKER FITTED WITH SAID DEVICE
• DISPOSITIF DE COMMANDE D'OUVERTURE ET/OU DE FERMETURE, EN PARTICULIER POUR UN APPAREIL DE COUPURE TEL UN DISJONCTEUR, ET DISJONCTEUR EQUIPE D'UN TEL DISPOSITIF

(71) **SCHNEIDER ELECTRIC INDUSTRIES SA** [FR/FR]; 89, boulevard Franklin Roosevelt, F-92500 Rueil-Malmaison (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOLONGEAT, Roger** [FR/FR]; 11, impasse Fleming, F-38130 Echirolles (FR). **RAPHARD, Denis** [FR/FR]; 7, rue de la Cerisaie, F-38300 Sassenage (FR). **HERAULT, Catherine** [FR/FR]; 11, avenue Bougault, F-38640 Claix (FR).

(74) **RITZENTHALER, Jacques** et al. / etc.; Schneider Electric Industries SA, Service Propriété Industrielle, F-38050 Grenoble Cedex 9 (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01H 36/02**

(11) **WO 00/72348** (13) A1

(21) PCT/US00/06055

(22) **8 Mar/mar 2000 (08.03.2000)**

(25) en (26) en

(30) 9911701.2 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FLOAT SENSOR EMPLOYING A REED SWITCH
• CAPTEUR A FLOTTEUR DANS POUR LEQUEL UN COMMUTATEUR A LAME EST UTILISE

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US).

(72) **EDWARDS, Paul, K.**; 49 Fiddlewood Road, Old Catton, Norwich, Norfolk NR6 6DW (GB).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technology, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US) et al. / etc.

(81) CA DE ES JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01H 83/22**

(11) **WO 00/72349** (13) A1

(21) PCT/FR00/01393

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06450 **20 May/mai 1999** FR **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROTECTION RELAY AND PROTECTED CONTROL SET WITH FRONT WIRING
• RELAIS DE PROTECTION ET ENSEMBLE DE COMMANDE PROTEGE A CABLAGE FRONTAL

(71) **SCHNEIDER ELECTRIC INDUSTRIES SA** [FR/FR]; 89, Boulevard Franklin Roosevelt, F-92500 Rueil-Malmaison (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOUCHARD, Denis** [FR/FR]; 6, rue de la Fontaine-au-lièvre, F-21490 Varois-et-Chaignot (FR). **SINTHOMEZ, Daniel** [FR/FR]; Route de Panges, Ancey, F-21491 Pont-de-Pagny (FR).

(81) BR CN IN JP MA RU TR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01J 9/227, 29/30**

(11) **WO 00/72350** (13) A1

(21) PCT/US00/08067

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) en (26) en

(30) 09/316,219 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FIELD EMISSION DISPLAY ANODE HAVING A CONDUCTIVE MATRIX
• ANODE D'ECRAN A EMISSION DE CHAMP, DOTEE D'UNE MATRICE CONDUCTRICE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **AMRINE, Craig**; 1255 E. University #152, Tempe, AZ 85281 (US). **KULKARNI, Sudhakar, N.**; 3126 W. Stephens Pl., Chandler, AZ 85226 (US). **STAINER, Matthew**; 14218 S. 10th St., Phoenix, AZ 85048 (US). **PETERSEN, Ronald, O.**; 5686 Broadview Rd., #2422, Parma, OH 44134 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola, Inc., P.O. Box 10219, Scottsdale, AZ 85271-0219 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01J 9/26, 9/38, 9/40, 11/02, 17/49**

(11) **WO 00/72351** (13) A1

(21) PCT/JP00/03154

(22) **17 May/mai 2000 (17.05.2000)**

(25) ja (26) ja

(30) 11/139719 **20 May/mai 1999** JP **(20.05.1999)**

(30) 11/147937 **27 May/mai 1999** JP **(27.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF PRODUCING GAS DISCHARGE PANEL
• PROCEDE DE PRODUCTION D'UN PANNEAU A DECHARGE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HIGASHINO, Hidetaka** [JP/JP]; 31-9, Hikaridai 7-chome, Seikacho, Souraku-gun, Kyoto 619-0237 (JP). **NAGAO, Nobuaki** [JP/JP]; 3-205, Myoukenzaka 3-chome, Katano-shi, Osaka 576-0021 (JP).

(74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) CN KR US.

---

(51)[7] **H01J 29/07, 31/20**

(11) **WO 00/72352** (13) A1

(21) PCT/JP00/03321

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/143637 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SHADOW MASK FOR HIGH LUMINANCE COLOR IMAGE RECEIVING TUBE AND COLOR IMAGE RECEIVING TUBE
• MASQUE PERFORE DESTINE A UN TUBE FORTE LUMINANCE, RECEPTEUR D'IMAGES COULEURS, ET UN TEL TUBE

(71) **TOYO KOHAN CO.,LTD.** [JP/JP]; 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IDE, Tsuneyuki** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **MIYAZAKI, Takahiko** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **SHIGEMASA, Susumu** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **TAHARA, Yasuo** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP).

(74) **OHTA, Akio**; Toyo Kohan Co., Ltd., 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01J 29/28**

(11) **WO 00/72353** (13) A1

(21) PCT/EP00/04198

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 99890164.9 **21 May/mai 1999 (21.05.1999)** EP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND DEVICE FOR LACQUERING THE INNER SIDE OF A DISPLAY SCREEN
• PROCEDE ET DISPOSITIF PERMETTANT LE VERNISSAGE DE LA FACE INTERNE D'UN ECRAN D'AFFICHAGE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **GROBBAUER, Robert**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WEBER, Helmut**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01J 35/16, A61B 6/14**

(11) **WO 00/72354** (13) A1

(21) PCT/US00/14390

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,856 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DENTAL X-RAY APPARATUS
• APPAREIL DE RADIOLOGIE DENTAIRE

(71) **DENTSPLY INTERNATIONAL INC.** [US/US]; 570 West College Avenue, P.O. Box 872, York, PA 17405-0872 (US).

(72) **KANTOR, Arkady**; 890 Shady Grove Lane, Buffalo Grove, IL 60089 (US). **MOLTENI, Roberto**; 1727 North Drury Lane, Arlington Heights, IL 60089 (US). **MURPHY, Daniel, P.**; 400 Ridge Lane, Lake in the Hill, IL 60102 (US). **CARLSON, Todd, R.**; 4516 Lilac Avenue, Glenview, IL 60025 (US).

(74) **HURA, Douglas, J.** et al. / etc.; Dentsply International Inc., 570 West College Avenue, P.O. Box 872, York, PA 17404-0872 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01J 37/26, 37/02**

(11) **WO 00/72355** (13) A1

(21) PCT/US00/14583

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,742 **25 May/mai 1999 (25.05.1999)** US

(30) 09/354,948 **16 Jul/juil 1999 (16.07.1999)** US

(30) 09/579,867 **25 May/mai 2000 (25.05.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHODS FOR SECONDARY ELECTRON EMISSION MICROSCOPY WITH DUAL BEAM
• APPAREIL ET PROCEDES DE MICROSCOPIE PAR EMISSION ELECTRONIQUE SECONDAIRE A DOUBLE FAISCEAU

(71) **KLA-TENCOR CORPORATION** [US/US]; 160 Rio Robles, San Jose, CA 95134-1809 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VENEKLASEN, Lee** [US/US]; 3445 Badding Road, Castro Valley, CA 94546 (US). **ADLER, David** [US/US]; 6660 Guadelupe Mines Court, San Jose, CA 95120 (US).

(74) **OLYNICK, Mary, R.**; Beyer Weaver & Thomas, LLP, P.O. Box 130, Mountain View, CA 94042-0130 (US).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01J 61/46**

(11) **WO 00/72356** (13) A1

(21) PCT/JP00/03205

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/144501 **25 May/mai 1999 (25.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR MANUFACTURING FLUORESCENT LAMP AND PHOSPHOR SUSPENSION
• PROCEDE DE FABRICATION DE LAMPE FLUORESCENTE ET DE SUSPENSION DE PHOSPHORE

(71) **MATSUSHITA ELECTRONICS CORPORATION** [JP/JP]; 1-1, Saiwai-cho, Takatsuki-shi, Osaka 569-1193 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KITAMURA, Koji** [JP/JP]; 9-76, Ogaya 7-chome, Otsu-shi, Shiga 520-2144 (JP). **TACHIBANA, Hirokazu** [JP/JP]; 57-19, Muranohigashimachi, Hirakata-shi, Osaka 573-0015 (JP).

(74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) CN US.

(84) EP (DE FR GB).

---

(51)[7] **H01K 1/14**

(11) **WO 00/72357** (13) A1

(21) PCT/JP00/03248

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/144122 **24 May/mai 1999 (24.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INCANDESCENT LAMP
• LAMPE A INCANDESCENCE

(71) **USHIO DENKI KABUSHIKI KAISYA** [JP/JP]; 19th floor, Asahitokai Building, 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAI, Kenzo** [JP/JP]; 246-2, Nobusue, Himeji-shi, Hyogo 670-0972 (JP). **ASAO, Minoru** [JP/JP]; 23-7, Monnosoto, Tatsuno-cyo, Tatsuno-shi, Hyogo 679-4173 (JP). **MIYAHARA, Katsuhiko** [JP/JP]; 143-37, Fukashino, Mikuninocho, Himeji-shi, Hyogo 671-0231 (JP). **SUGAHARA, Hiroshi** [JP/JP]; 2-11-704, Jounancho, Shikama-ku, Himeji-shi, Hyogo 672-8083 (JP). **SHIMAMOTO, Sadaaki** [JP/JP]; 357, Terano, Kanzakicho, Kanzaki-gun, Hyogo 679-2423 (JP).

(74) **ISOHATA, Masao**; Ushiodenki Kabushiki Kaisya, 19th floor, Asahitokai Building, 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01K 1/14**

(11) **WO 00/72358** (13) A1

(21) PCT/JP00/03249

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/144123 **24 May/mai 1999 (24.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INCANDESCENT LAMP
• LAMPE À INCANDESCENCE

(71) **USHIO DENKI KABUSHIKI KAISYA** [JP/JP]; 19th floor, Asahitokai Building, 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIYAHARA, Katuhiko** [JP/JP]; 143-37, Fukashino, Mikuninocho, Himeji-shi, Hyogo 671-0231 (JP). **SUGAHARA, Hiroshi** [JP/JP]; 11-704, Jounan-cho 2-chome, Shikama-ku, Himeji-shi, Hyogo 672-8083 (JP). **DAN, Masashi** [JP/JP]; 4-44-802, Imazaike, Shikamaku, Himeji-shi, Hyogo 672-8079 (JP). **ASAO, Minoru** [JP/JP]; 23-7, Monnosoto, Tatunocyo, Tatuno-shi, Hyogo 679-4173 (JP). **YAMANIZU, Yutaka** [JP/JP]; 1270-2, Shosya, Himeji-shi, Hyogo 671-2201 (JP).

(74) **ISOHATA, Masao**; Ushiodenki Kabushiki Kaisya, 19th floor, Asahitokai Building, 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L**

(11) **WO 00/72359** (13) A2

(21) PCT/DE00/01459

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 23 522.8 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SOURCE-DOWN POWER TRANSISTOR
• TRANSISTOR DE PUISSANCE DONT LA SOURCE EST SITUEE SUR LA FACE INFERIEURE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, D-81541 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TIHANYI, Jenö** [DE/DE]; Isarweg 13, D-85551 Kirchheim (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L**

(11) **WO 00/72360** (13) A2

(21) PCT/DE00/01492

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 23 466.3 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • JUNCTION INSULATED LATERAL MOSFET FOR HIGH/LOW SIDE SWITCHES
• MOSFET LATERAL A ISOLATION DE JONCTION POUR COMMUTATEUR HAUT-BAS

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, D-81541 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TIHANYI, Jenö** [DE/DE]; Isarweg 13, D-85551 Kirchheim (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L**

(11) **WO 00/72361** (13) A2

(21) PCT/US00/13926

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,677 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR TESTING OF SHEET MATERIAL
• PROCEDE ET APPAREIL DE MISE A L'ESSAI D'UNE MATIERE EN FEUILLES

(71) **LEHIGHTON ELECTRONICS, INC.** [US/US]; P.O. Box 328, Lehighton, PA 18325 (US).

(72) **BLEW, Austin, R.**; 517 North 9th Street, Lehighton, PA 18325 (US). **EIDUKONIS, Alexander**; 505 Thomas Street, Stroudsburg, PA 18360 (US).

(74) **ROSENTHAL, Robert, E.** et al. / etc.; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103-7396 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01L 21/00**

(11) **WO 00/72362** (13) A1

(21) PCT/DE00/01579

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 936.8 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INSTALLATION FOR PROCESSING WAFERS
• INSTALLATION POUR L'USINAGE DE TRANCHES

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St. Martin-Strasse 53, D-81541 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUBER, Ronald** [DE/US]; 5961 E. Pacita de L. Luces, Tucson, AZ 85715 (US). **KLAEBSCH, Rolf-Arno** [DE/DE]; Akazienweg 15, D-39291 Lostau (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) CN JP KR US.

---

(51)[7] **H01L 21/00**

(11) **WO 00/72363** (13) A1

(21) PCT/US00/14181

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,814 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/533,114 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR REMOVING CONTAMINANT FROM A SURFACE AND COMPOSITION USEFUL THEREFOR
• PROCEDE PERMETTANT D'ELIMINER DES CONTAMINANTS D'UNE SURFACE ET COMPOSITIONS UTILES A CET EFFET

(71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).

(72) **KNEER, Emil, A.**; 6203 Chancellor Drive, Suite 300, Orlando, FL 32809 (US).

(74) **CONNAUGHTON, Martin**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01L 21/027**

(11) **WO 00/72364** (13) A1

(21) PCT/JP00/03011

(22) **11 May/mai 2000 (11.05.2000)**

(25) ja (26) ja

(30) 11/139359 **20 May/mai 1999** JP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS FOR CURING RESIST
• APPAREIL DE DURCISSEMENT DE RESIST

(71) **USHIO DENKI KABUSHIKI KAISYA** [JP/JP]; 19th Floor, Asahitokai Building,

6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TADIKA, Nozomu** [JP/JP]; 101 Emuzu, 592, Shimosakunobe, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0033 (JP). **KURAMOCHI, Satoru** [JP/JP]; 313-99, Kanigaya, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0025 (JP). **MIMURA, Yoshiki** [JP/JP]; 2-4-12, Edanishi, Aoba-ku, Yodohama-shi, Kanagawa 225-0014 (JP).

(74) **ISOHATA, Masao**; Ushiodenki Kabushiki Kaisya, 19th Floor, Asahitokai Building, 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L 21/027**

(11) **WO 00/72365** (13) A1

(21) PCT/JP00/03218

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/144136 **24 May/mai 1999 (24.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EXPOSURE SYSTEM AND METHOD OF MANUFACTURING DEVICE
• SYSTEME D'EXPOSITION ET PROCEDE DE FABRICATION DE DISPOSITIF

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MUTO, Takakazu** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **SEKI, Masami** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **H01L 21/302, 21/461**

(11) **WO 00/72366** (13) A1

(21) PCT/US00/10762

(22) **21 Apr/avr 2000 (21.04.2000)**

(25) en (26) en

(30) 60/135,261 **21 May/mai 1999 (21.05.1999)** US

(30) 09/512,529 **24 Feb/fév 2000 (24.02.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR IMPROVING THICKNESS UNIFORMITY OF SEMICONDUCTOR WAFERS
• PROCEDE D'AMELIORATION DE L'UNIFORMITE EN EPAISSEUR DES PLAQUETTES SEMI-CONDUCTRICES

(71) **PLASMASIL, L.L.C.** [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(72) **MIURA, Shinichi**; PlasmaSil, L.L.C., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). **DESAI, AnKur**; PlasmaSil, L.L.C., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). **ERK, Henry**; PlasmaSil, L.L.C., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). **PEI Zhijian**; PlasmaSil, L.L.C., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(74) **HEJLEK, Edward, J.** et al. / etc.; Senniger, Powers, Leavitt and Roedel, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

---

(51)[7] **H01L 21/302**

(11) **WO 00/72367** (13) A1

(21) PCT/US00/10972

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) en (26) en

(30) 60/135,260 **21 May/mai 1999 (21.05.1999)** US

(30) 09/512,111 **24 Feb/fév 2000 (24.02.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SILICON WAFERING PROCESS FLOW
• ENCHAINEMENT DES OPERATIONS SUR DES PLAQUETTES DE SILICIUM

(71) **PLASMASIL, L.L.C.** [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(72) **KULKARNI, Milind**; PlasmaSil, L.L.C., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). **DESAI, Ankur**; PlasmaSil, L.L.C., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(74) **HEJLEK, Edward, J.** et al. / etc.; Senniger, Power, Leavitt and Roedel, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01L 21/306**

(11) **WO 00/72368** (13) A1

(21) PCT/US00/12481

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 60/135,366 **21 May/mai 1999 (21.05.1999)** US

(30) 09/543,194 **5 Apr/avr 2000 (05.04.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROCESS FOR ETCHING A SILICON WAFER
• PROCÉDÉ D'ATTAQUE CHIMIQUE D'UNE PLAQUETTE DE SILICIUM

(71) **MEMC ELECTRONIC MATERIALS, INC.** [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(72) **STEFANESCU, Anca**; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, Mail Zone MZ33, St. Peters, MO 63376 (US). **SCHMIDT, Judy**; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, Mail Zone MZ33, St. Peters, MO 63376 (US). **ERK, Henry, F.**; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, Mail Zone MZ33, St. Peters, MO 63376 (US). **DOANE, Tom**; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, Mail Zone MZ33, St. Peters, MO 63376 (US).

(74) **HEJLEK, Edward, J.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

(81) CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01L 21/311, G03F 7/42**

(11) **WO 00/72369** (13) A1

(21) PCT/FR00/01370

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06485 **21 May/mai 1999 (21.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR PRODUCING A DAMASCENE-TYPE INTERCONNECTION LEVEL COMPRISING AN ORGANIC DIELECTRIC
• PROCEDE DE REALISATION D'UN NIVEAU D'INTERCONNEXION DE TYPE DAMASCENE COMPRENANT UN DIELECTRIQUE ORGANIQUE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris 15ème (FR). **STMICROELECTRONICS SA** [FR/FR]; 7, avenue Gallieni, F-94250 Gentilly (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LOUIS, Didier** [FR/FR]; Chemin des Dominicains, Cidex 63, F-38500 Coublevie (FR). **LAJOINIE, Emile** [FR/FR]; 26, rue Suzanne Valadon, F-38600 Fontaine (FR). **ARVET, Christian** [FR/FR]; 121, chemin des Catières, F-38190 Bernin (FR).

(74) **LEHU, Jean**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

(51)[7] **H01L 21/311**

(11) **WO 00/72370** (13) A1

(21) PCT/US00/12939

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 09/317,655 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR ETCHING SILICON OXYNITRIDE AND DIELECTRIC ANTIREFLECTION COATINGS
• PROCEDE D'ATTAQUE DE REVETEMENTS ANTIREFLECHISSANTS DIELECTRIQUES A BASE D'OXYNITRURE DE SILICIUM

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **IONOV, Pavel**; 941 Tamarack Lane #1, Sunnyvale, CA 94086 (US). **KIM, Sung, Ho**; 2298 Lemoyne Way, Campbell, CA 95008 (US). **LI, Dean**; 5th floor, No. 197, Sec. 2 Ting-Chou Road, Taipei 100 (TW). **YAN, Chun**; 2200 Monroe Street #1208, Santa Clara, CA 95050 (US). **WANG, James, Chang**; 18430 Montpere Way, Saratoga, CA 95070 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) JP KR.

---

(51)[7] **H01L 21/316**

(11) **WO 00/72371** (13) A1

(21) PCT/US00/11735

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/316,917 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FABRICATION OF INTEGRATED CIRCUIT BY SELECTIVE DEPOSITION OF PRECURSOR LIQUID
• FABRICATION DE CIRCUITS INTEGRES PAR DEPOT SELECTIF DE LIQUIDE PRECURSEUR

(71) **SYMETRIX CORPORATION** [US/US]; 5055 Mark Dabling Boulevard, Colorado Springs, CO 80918 (US). **MATSUSHITA ELECTRONICS CORPORATION** [JP/JP]; 1-1 Saiwai-cho, Takatsuki, Osaka 569-1193 (JP).

(72) **HAYASHI, Shinichiro**; 2-9-3-301, Nasahara, Takatsuki-shi, Osaka 569-1041 (JP). **MCMILLAN, Larry, D.**; 3005 Blodgett Drive, Colorado Springs, CO 80919 (US). **PAZ DE ARAUJO, Carlos, A.**; 317 West Sunbird Cliffs Lane, Colorado Springs, CO 80919 (US).

(74) **FOREST, Carl, A.** et al. / etc.; Duft, Graziano & Forest, P.C., P.O. Box 270930, Louisville, CO 80027 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01L 21/336**

(11) **WO 00/72372** (13) A1

(21) PCT/US00/14363

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,403 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRENCH SEMICONDUCTOR DEVICE HAVING GATE OXIDE LAYER WITH MULTIPLE THICKNESSES AND PROCESSES OF FABRICATING THE SAME
• DISPOSITIF SEMI-CONDUCTEUR A TRANCHEES POURVU D'UNE COUCHE D'OXYDE DE GRILLE A PROFONDEURS MULTIPLES ET PROCEDES DE FABRICATION CORRESPONDANTS

(71) **WILLIAMS, Richard, K.** [US/US]; 10292 Norwich Avenue, Cupertino, CA 95014 (US).

(71, 72) **GRABOWSKI, Wayne, B.** [US/US]; 1390 Miravalle Avenue, Los Altos, CA 94024 (US).

(74) **STEUBER, David, E.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01L 21/368, H01G 9/20, H01M 4/36**

(11) **WO 00/72373** (13) A1

(21) PCT/SE00/01060

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9901886-3 **25 May/mai 1999** SE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR MANUFACTURING NANOSTRUCTURED THIN FILM ELECTRODES
• PROCEDE DE FABRICATION D'ELECTRODES A COUCHE MINCE A NANOSTRUCTURE

(71, 72) **LINDSTRÖM, Henrik** [SE/SE]; Hjalmar Brantings. 8a, S-753 26 Uppsala (SE). **SÖDERGREN, Sven** [SE/SE]; Frodeg. 5c, S-753 25 Uppsala (SE). **LINDQUIST, Sten-Eric** [SE/SE]; Kälkvägen 22, S-756 47 Uppsala (SE). **HAGFELDT, Anders** [SE/SE]; Kättgrind, Skuttunge, S-740 30 Björklinge (SE).

(74) **LUDWIG BRANN PATENTBYRÅ AB**; Box 1344, Drottningg. 7, S-751 43 Uppsala (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01L 21/66, 21/306**

(11) **WO 00/72374** (13) A1

(21) PCT/US00/12736

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 60/135,365 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/543,192 **5 Apr/avr 2000** US **(05.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETECTION OF PROCESSING-INDUCED DEFECTS IN SILICON WAFER
• DETECTION DE DEFAUTS DANS UNE TRANCHE AU SILICIUM OCCASIONNES PAR LE TRAITEMENT DE LADITE TRANCHE

(71) **MEMC ELECTRONIC MATERIALS, INC.** [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(72) **STEFANESCU, Anca**; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, Mail Zone MZ33, St. Peters, MO 63376 (US). **PEI, Zhijian**; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). **ERK, Henry, F.**; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). **DOANE, Tom**; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, Mail Zone MZ33, St. Peters, MO 63376 (US).

(74) **HEJLEK, Edward, J.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

(81) CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L 21/68, 21/027**

(11) **WO 00/72375** (13) A1

(21) PCT/JP00/03266

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/139577 **20 May/mai 1999** JP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTAINER FOR HOLDER EXPOSURE APPARATUS, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURING APPARATUS

- CONTENANT POUR APPAREIL D'EXPOSITION DE SUPPORT, PROCEDE DE FABRICATION DE DISPOSITIF ET APPAREIL DE FABRICATION DE DISPOSITIF

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HATTORI, Ken** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **NAGAHASHI, Yoshitomo** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **NAKAHARA, Kanefumi** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) **TATEISHI, Atsuji**; Paseo Building, 5th Floor, 4-20, Haramachida 5-chome, Machida-shi, Tokyo 194-0013 (JP).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01L 21/68, B23Q 3/15, H02N 3/15**

(11) **WO 00/72376** (13) A1

(21) PCT/JP00/03355

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/145507 **25 May/mai 1999 (25.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTROSTATIC CHUCK AND TREATING DEVICE
• MANDRIN ELECTROSTATIQUE ET DISPOSITIF DE TRAITEMENT

(71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-Kyushu-shi, Fukuoka 802-8601 (JP). **NIHON SHINKU GIJUTSU KABUSHIKI KAISHA** [JP/JP]; 2500, Hagizono, Chigasaki-shi, Kanagawa 253-0071 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KITABAYASHI, Tetsuo** [JP/JP]; Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP). **HORI, Hiroaki** [JP/JP]; Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP). **UCHIMURA, Takeshi** [JP/JP]; Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP). **TATENO, Noriaki** [JP/JP]; Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP). **FUWA, Koh** [JP/JP]; Nihon Shinku Gijutsu Kabushiki Kaisha, 2500, Hagizono, Chigasaki-shi, Kanagawa 253-0071 (JP). **MAEHIRA, Ken** [JP/JP]; Nihon Shinku Gijutsu Kabushiki Kaisha, 2500, Hagizono, Chigasaki-shi, Kanagawa 253-0071 (JP).

(74) **KOYAMA, Yuu**; Yotsuya-takagi Building, 2nd floor, 9, Yotsuya 2-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01L 21/8242, 21/265**

(11) **WO 00/72377** (13) A1

(21) PCT/DE00/01543

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 262.8 **20 May/mai 1999 (20.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR CREATING A TRENCH CONTACT FOR A MEMORY LOCATION ARRANGEMENT
• PROCEDE DE FABRICATION D'UN CONTACT A TRANCHEES D'UN ENSEMBLE DE CELLULES DE MEMOIRE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, D-81541 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOFMANN, Franz** [DE/DE]; Herbergstr. 25B, D-80995 München (DE). **WILLER, Josef** [DE/DE]; Friedrich-Fröbel-Str. 62, D-85521 Riemerling (DE). **REISINGER, Hans** [DE/DE]; Eibseestr. 14, D-82031 Grünwald (DE). **SCHLÖSSER, Till** [DE/DE]; Blombergstr. 40, D-81825 München (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01L 23/13, 23/498, H05K 3/34**

(11) **WO 00/72378** (13) A1

(21) PCT/DE00/01497

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 23 247.4 **20 May/mai 1999 (20.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SUBSTRATE WITH AT LEAST TWO METALLIZED POLYMER BUMPS FOR SOLDERED CONNECTION TO WIRING
• SUBSTRAT COMPORTANT AU MOINS DEUX SAILLIES DE POLYMERE METALLISEES POUR CONNEXION PAR BRASAGE AVEC UN CABLAGE

(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) **VAN PUYMBROECK, Jozef** [BE/BE]; Korenbloemstraat 17, B-8020 Oostkamp (BE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L 23/36, 25/07, 23/373, 23/367**

(11) **WO 00/72379** (13) A1

(21) PCT/FR00/01375

(22) **19 May/mai 2000 (19.05.2000)**

(25) fr (26) fr

(30) 99/06513 **21 May/mai 1999 (21.05.1999)** FR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THERMAL CAPACITY FOR ELECTRONIC COMPONENT OPERATING IN LONG PULSES
• CAPACITE THERMIQUE POUR COMPOSANT ELECTRONIQUE FONCTIONNANT EN IMPULSIONS LONGUES

(71) **THOMSON-CSF** [FR/FR]; 173, boulevard Haussman, F-75008 Paris (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FLORIOT, Didier** [FR/FR]; Thomson-CSF Proprieté Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **DELAGE, Sylvain** [FR/FR]; Thomson-CSF Proprieté Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **CASSETTE, Simone** [FR/FR]; Thomson-CSF Proprieté Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **DUCHEMIN, Jean-Pascal** [FR/FR]; Thomson-CSF Proprieté Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **LARDIC, René**; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L 23/485, 23/532, 21/60**

(11) **WO 00/72380** (13) A1

(21) PCT/GB00/01847

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/314,003 **19 May/mai 1999 (19.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ROBUST INTERCONNECT STRUCTURE
• STRUCTURE D'INTERCONNEXION ROBUSTE

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York, NY 10504 (US).

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
*(only for / seulement pour MC)*

(72) **EDELSTEIN, Daniel**; 15 Grammercy Plane, New Rochelle, NY 10801 (US). **MCGAHAY, Vincent**; 5 Yates Boulevard, Poughkeepsie, NY 12601 (US). **NYE, Henry**; 196 Whisconier Road, Brookfield, CT 06804 (US). **OTTEY, Brian**; 13 Bellmore Drive, Poughkeepsie, NY 12603 (US). **PRICE, William**; 17 North Ridge Road, Cortlandt Manor, NY 10567 (US).

(74) **WALDNER, Philip**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

---

(51)[7] **H01L 27/146, G01T 1/24**

(11) **WO 00/72381** (13) A1

(21) PCT/FR00/01417

(22) **25 May/mai 2000 (25.05.2000)**

(25) fr (26) fr

(30) 99/06568 **25 May/mai 1999** FR **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETECTOR WITH SEMICONDUCTOR FOR DETECTING IONIZING RADIATION
• DETECTEUR A SEMI-CONDUCTEUR POUR LA DETECTION DE RAYONNEMENTS IONISANTS

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris 15ème (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MONNET, Olivier** [FR/FR]; 64, Chemin de la Chevalerie, F-38210 Tullins (FR). **BONNEFOY, Jean-Paul** [FR/FR]; 9, rue A. Fredet, F-38100 Grenoble (FR). **MESTAIS, Corinne** [FR/FR]; 140, route de Montabon, F-38660 La Terrasse (FR). **SAUVAGE, Francis** [FR/FR]; 34, rue Victor Hugo, F-38430 Moirans (FR).

(74) **RICHARD, Patrick**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01L 29/76, H01G 7/02**

(11) **WO 00/72382** (13) A1

(21) PCT/US00/14539

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,405 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FERROELECTRIC BASED MEMORY DEVICES UTILIZING HYDROGEN GETTERS AND RECOVERY ANNEALING
• DISPOSITIFS DE MEMOIRE FERROELECTRIQUES AVEC UTILISATION DE GETTERS D'HYDROGENE ET D'UN RECUIT DE RESTAURATION

(71) **RADIANT TECHNOLOGIES, INC.** [US/US]; 2021 Girard SE - Suite 100, Albuquerque, NM 87106 (US).

(72) **EVANS, Joseph, Tate, Jr.**; 13609 Verbena Place, N.E., Albuquerque, NM 87112 (US).

(74) **WARD, Calvin, B.**; 18 Crow Canyon Court, #305, San Ramon, CA 94583 (US).

(81) AU CA JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L 29/88, G02F 1/017, H01L 31/0352**

(11) **WO 00/72383** (13) A1

(21) PCT/GB00/02112

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912178.2 **25 May/mai 1999** GB **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED OPTOELECTRONIC DEVICE
• DISPOSITIF OPTOELECTRONIQUE PERFECTIONNE

(71) **THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW** [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow G12 8QQ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IRONSIDE, Charles, Norman** [GB/GB]; Dept. of Electronics and Electrical Engineering, Ranking Building, University of Glasgow, Glasgow G12 8LT (GB). **STANLEY, Colin, Roy** [GB/GB]; Dept. of Electronics and Electrical Engineering, Rankine Building, University of Glasgow, Glasgow G12 8LT (GB). **FIGUEIREDO, Jose, Longras** [PT/PT]; Fisica - Uceh, Universidade do Algarve, Campus de Gambelas, P-8000-062 Faro (PT).

(74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01L 31/00**

(11) **WO 00/72384** (13) A1

(21) PCT/US00/11119

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) en (26) en

(30) 09/304,979 **4 May/mai 1999** US **(04.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRE-EQUILIBRIUM CHEMICAL REACTION ENERGY CONVERTER
• CONVERTISSEUR ENERGETIQUE A REACTIONS CHIMIQUES DE PRE-EQUILIBRE

(71) **NEOKISMET L.L.C.** [US/US]; Suite 1350, 456 Montgomery Street, San Francisco, CA 94104 (US).

(72) **ZUPPERO, Anthony, C.**; 6854 East Sunnyside Road, Idaho Falls, ID 83406 (US). **GIDWANI, Jawahar, M.**; 2335 Leavenworth, San Francisco, CA 94133 (US).

(74) **PARK, Eunhee** et al. / etc.; Baker & McKenzie, 805 Third Avenue, New York, NY 10022 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01L 31/0312**

(11) **WO 00/72385** (13) A1

(21) PCT/US00/07557

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(30) 09/316,239 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IR RADIATION SENSING WITH SiC
• DETECTION DE RAYONNEMENT IR A L'AIDE DE SiC

(71) **HETRON CORPORATION** [US/US]; 20 Alyssum Court, Reno, NV 89511 (US).

(72) **PARSONS, James, D.**; 20 Alyssum Court, Reno, NV 89511 (US).

(74) **KOPPEL, Richard, S.**; Koppel & Jacobs, Suite 107, 555 St. Charles Drive, Thousand Oaks, CA 91360 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01L 31/08, 31/0224**

(11) **WO 00/72386** (13) A1

(21) PCT/FR00/01348

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06335 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HIGH DYNAMIC RADIATION DETECTION DEVICE

• DISPOSITIF DE DETECTION DE RAYONNEMENT A FORTE DYNAMIQUE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris 15ème (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GLASSER, Francis** [FR/FR]; 20, rue René Cassin, F-38320 Eybens (FR).

(74) **SIGNORE, Robert**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01L 43/08 // G01R 33/09**

(11) **WO 00/72387** (13) A1

(21) PCT/DE00/01108

(22) **11 Apr/avr 2000 (11.04.2000)**

(25) de (26) de

(30) 199 23 948.7 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAGNETIC COUPLING DEVICE AND USE THEREOF

• DISPOSITIF DE COUPLAGE MAGNETIQUE ET SON UTILISATION

(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) **CLEMENS, Wolfgang** [DE/DE]; Kornstrasse 5, D-90617 Puschendorf (DE). **WECKER, Joachim** [DE/DE]; Eichenring 29, D-91341 Röttenbach (DE). **RUPP, Günter** [DE/DE]; Weiherackerweg 24, D-91080 Marloffstein (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01M 2/12**

(11) **WO 00/72388** (13) A1

(21) PCT/JP00/03322

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/144004 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR FORMING PROTECTIVE COATING FOR CELL SAFETY VALVE DEVICE, CELL SAFETY VALVE DEVICE COVERED WITH PROTECTIVE COATING, CELL SEALING PLATE COMPRISING THE SAME, AND CLOSED CELL COMPRISING THE SAME

• PROCEDE DE FORMATION DE REVETEMENT PROTECTEUR POUR DISPOSITIF DE VALVE DE SECURITE DE CELLULE, MEME DISPOSITIF AINSI REVETU, PLAQUE D'ETANCHEITE DE CELLULE EQUIPEE DU DISPOSITIF AINSI REVETU, ET CELLULE FERMEE AINSI EQUIPEE

(71) **TOYO KOHAN CO.,LTD.** [JP/JP]; 2-12,yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAWAMURA, Hiroaki** [JP/JP]; Toyo Kohan Co., Ltd., Kudamatsu Plant, 1302,Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **ISOBE, Yoshihiko** [JP/JP]; Toyo Kohan Co., Ltd., Kudamatsu Plant, 1302,Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **KANEKO, Akira** [JP/JP]; Toyo Kohan Co., Ltd., Kudamatsu Plant, 1302,Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **FUJINAKA, Masayoshi** [JP/JP]; Toyo Kohan Co., Ltd., Kudamatsu Plant, 1302,higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **NISHIMURA, Kunio** [JP/JP]; Toyo Kohan Co., Ltd., Kudamatsu Plant, 1302,higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP).

(74) **OHTA, Akio**; Ohta Patent Office, New State Manor 356, 23-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01M 2/18, B65D 5/02**

(11) **WO 00/72389** (13) A1

(21) PCT/US00/14040

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/314,907 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SEPARATOR FOR ELECTROCHEMICAL CELL AND METHOD OF ASSEMBLY

• SEPARATEUR POUR CELLULE ELECTROCHIMIQUE ET PROCEDE D'ASSEMBLAGE

(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, OH 45145 (US).

(72) **LONSBERRY, Glenn, R.**; 506 Danbury Lane, Avon Lake, OH 44012 (US).

(74) **FRASER, Stewart, A.** et al. / etc.; Eveready Battery Company, Inc., 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01M 4/00, 6/10**

(11) **WO 00/72390** (13) A1

(21) PCT/US00/13448

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/315,435 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOW IMPEDANCE FOLDED POLYMERIC LAMINATE RECHARGEABLE BATTERY AND METHOD OF MAKING

• BATTERIE RECHARGEABLE DE FAIBLE IMPEDANCE A STRATIFIE POLYMERE PLIE ET PROCEDE DE PRODUCTION

(71) **TELCORDIA TECHNOLOGIES, INC.** [US/US]; 445 South Street, Morristown, NJ 07960 (US).

(72) **WARREN, Paul, C.**; 62 Spring Hollow Road, Far Hills, NJ 07931 (US).

(74) **HEY, David, A.** et al. / etc.; c/o International Coordinator, Telcordia Technologies, Inc., Room 1G112R, 445 South Street, Morristown, NJ 07960 (US).

(81) AU CA CN IL IN JP KR MX SG ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01M 4/00**

(11) **WO 00/72391** (13) A2

(21) PCT/US00/13982

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/316,855 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MATERIALS AND PROCESSES FOR PROVIDING FUEL CELLS AND ACTIVE MEMBRANES
• MATERIAUX ET PROCEDES DE FABRICATION DE PILES A COMBUSTIBLE ET DE MEMBRANES ACTIVES

(71) **MICROCOATING TECHNOLOGIES, INC.** [US/US]; 3901 Green Industrial Way, Chamblee, GA 30341 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUNT, Andrew, T.** [US/US]; 495 Mountain Way, Atlanta, GA 30342 (US).

(74) **KELLY, Edward, J.** et al. / etc.; Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01M 4/04, 4/70, 10/04**

(11) **WO 00/72392** (13) A1

(21) PCT/US00/13113

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/311,312 **13 May/mai 1999** US **(13.05.1999)**

(30) 09/375,122 **16 Aug/août 1999** US **(16.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NOTCHED ELECTRODE AND METHOD OF MAKING SAME
• ELECTRODE ENTAILLEE ET SON PROCEDE DE FABRICATION

(71) **MOLTECH POWER SYSTEMS, INC.** [US/US]; 12801 NW U.S. Highway 441, Alachua, FL 32615 (US).

(72) **WEBB, Randle, K.**; 22433 NW 94th Avenue, Alachua, FL 32615 (US). **WECKESSER, John, J.**; 6507 NW 27th Place, Gainesville, FL 32606 (US). **CITTA, Nelson, C.**; Route 3, Box 224-C, Lake City, FL 32025 (US).

(74) **NICOL, Jacqueline, M.**; Moltech Corporation, 9062 South Rita Road, Tucson, AZ 85747-9018 (US).

(81) CN ID IN KR.

---

(51)[7] **H01M 4/70, 4/73, 4/74**

(11) **WO 00/72393** (13) A1

(21) PCT/US00/12569

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/315,445 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BATTERY GRID AND METHOD OF MAKING
• GRILLE D'ACCUMULATEUR ET PROCÉDÉ DE FABRICATION

(71) **JOHNSON CONTROLS TECHNOLOGY COMPANY** [US/US]; 49200 Halyard Drive, Plymouth, MI 48170 (US).

(72) **KAO, Wen-Hong**; 5356 West Silverleaf Lane, Brown Der, WI 53223 (US). **MROTEK, Edward, N.**; Apartment 212, 2076 Chateau Court, Grafton, WI 53024 (US).

(74) **RYSER, David, G.**; Quarles & Brady LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01M 6/00, 8/00, 10/00, 2/08, 4/62, B32B 31/00**

(11) **WO 00/72394** (13) A1

(21) PCT/US00/13449

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/316,120 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF MAKING LAMINATED POLYMERIC RECHARGEABLE BATTERY CELLS
• PROCEDE DE PRODUCTION D'ELEMENTS D'ACCUMULATEUR STRATIFIES POLYMERES RECHARGEABLES

(71) **TELCORDIA TECHNOLOGIES, INC.** [US/US]; 445 South Street, Morristown, NJ 07960 (US).

(72) **WARREN, Paul, C.**; 62 Spring Hollow Road, Far Hills, NJ 07931 (US).

(74) **HEY, David, A.** et al. / etc.; c/o International Coordinator, Telcordia Technologies, Inc., Room 1G112R, 445 South Street, Morristown, NJ 07960 (US).

(81) AU CA CN IL IN JP KR MX SG ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01M 8/00**

(11) **WO 00/72395** (13) A2

(21) PCT/US00/11901

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/302,879 **30 Apr/avr 1999** US **(30.04.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SULFONATED POLYPHOSPHAZENES FOR PROTON-EXCHANGE MEMBRANE FUEL CELLS
• POLYYPHOSPHAZENES SULFONES POUR PILES A COMBUSTIBLE A MEMBRANE ECHANGEUSE DE PROTONS

(71) **ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND** [US/US]; 6823 St. Charles Avenue, New Orleans, LA 70118 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PINTAURO, Peter, N.** [US/US]; 5819 Perrier Street, New Orleans, LA 70118 (US). **TANG, Hao** [CN/CA]; 51317 Doherty, Montreal (CA).

(74) **CARBO, Michael, D.** et al. / etc.; 700 Whitney Bank Building, 228 St. Charles Avenue, New Orleans, LA 70130 (CA).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01M 8/04**

(11) **WO 00/72396** (13) A1

(21) PCT/DE00/01473

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 22 923.6 **19 May/mai 1999** DE **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIQUID-COOLED FUEL CELL BATTERY AND METHOD FOR OPERATING A LIQUID-COOLED FUEL CELL BATTERY
• BATTERIE DE PILES A COMBUSTIBLE REFROIDIE PAR LIQUIDE ET PROCEDE POUR FAIRE FONCTIONNER UNE BATTERIE DE PILES A COMBUSTIBLE REFROIDIE PAR LIQUIDE

(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) **VON HELMOLT, Rittmar** [DE/DE]; Donaustrasse 14, D-91052 Erlangen (DE). **LUFT, Günter** [DE/DE]; Lindenstrasse 4, D-91207 Lauf (DE). **MUND, Konrad** [DE/DE]; Langenbrucker Weg 10, D-91080 Uttenreuth (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) CA CN JP NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01M 10/00, 4/00, 10/40, 4/62**

(11) **WO 00/72397** (13) A1

(21) PCT/DE99/02370

(22) **5 Aug/août 1999 (05.08.1999)**

(25) de (26) de

(30) 199 23 795.6 **25 May/mai 1999 (25.05.1999)** DE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTROCHEMICAL ELEMENT
• ELEMENT ELECTROCHIMIQUE

(71) **MITSUBISHI INTERNATIONAL GMBH** [DE/DE]; Kennedydamm 19, D-40476 Düsseldorf (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ARNOLD, Jörg** [DE/DE]; Friedrich-Ebert-Anlage 46, D-69117 Heidelberg (DE).

(74) **ULLRICH & NAUMANN**; Luisenstrasse 14, D-69115 Heidelberg (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01M 10/04**

(11) **WO 00/72398** (13) A1

(21) PCT/US00/14446

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,223 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR BATTERY CELL ELECTRODE PREPARATION, ASSEMBLY AND LAMINATION
• PROCEDE ET DISPOSITIF DE PREPARATION, DE MONTAGE ET DE LAMINAGE D'ELECTRODE D'ELEMENT DE PILE

(71) **LEADING EDGE TECHNOLOGIES, INC.** [US/US]; 2700 Interstate Drive, Lakeland, FL 33805 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SINGLETON, Robert, W.** [US/US]; 2910 Barret Avenue, Plant City, FL 33567 (US). **NELSON, Craig** [US/US]; 735 Glengarry Drive, Melbourne, FL 32940 (US).

(74) **NAPOLITANO, Carl, M.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 South Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01M 10/40, 2/16**

(11) **WO 00/72399** (13) A1

(21) PCT/JP00/03259

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/142768 **24 May/mai 1999 (24.05.1999)** JP

(30) 11/326784 **17 Nov/nov 1999 (17.11.1999)** JP

(30) 2000/10295 **17 Jan/jan 2000 (17.01.2000)** JP

(30) 2000/10296 **17 Jan/jan 2000 (17.01.2000)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLYMER ELECTROLYTE
• ELECTROLYTE POLYMERE

(71) **YUASA CORPORATION** [JP/JP]; 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAKAGAWA, Hiroe** [JP/JP]; Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). **IZUCHI, Syuichi** [JP/JP]; Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). **KISHI, Takaaki** [JP/JP]; Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). **WATANABE, Toshiyuki** [JP/JP]; B-102, Ribasaidohaitsu, 1-11, Fukuda 6-chome, Yamato-shi, Kanagawa 242-0024 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01P 1/04, H01R 12/16**

(11) **WO 00/72400** (13) A1

(21) PCT/US00/12867

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/317,507 **24 May/mai 1999 (24.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MICROWAVE CIRCUIT CONNECTOR
• CONNECTEUR DE CIRCUIT HYPERFREQUENCE

(71) **ANAREN MICROWAVE INC.** [US/US]; 6635 Kirkville Road, Syracuse, NY 13057 (US).

(72) **LEN, Michael**; 3761 Fisher Road, Skaneateles, NY 13152 (US).

(74) **BURR, Stephen, P.** et al. / etc.; Wall Marjama Bilinski & Burr, 101 South Salina Street, Suite 400, Syracuse, NY 13202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01P 1/06**

(11) **WO 00/72401** (13) A1

(21) PCT/GB00/02009

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9912201.2 **25 May/mai 1999 (25.05.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRICAL SIGNAL COUPLING DEVICE
• DISPOSITIF DE COUPLAGE A SIGNAUX ELECTRIQUES

(71) **TRANSENSE TECHNOLOGIES PLC** [GB/GB]; 77 Cherwell Innovation Centre, Heyford Park, Upper Heyford, Bicester, Oxon OX6 3HD (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VILE, David, Daniel, George** [GB/GB]; 11 Larsen Road, Heyford Park, Upper Heyford, Oxfordshire OX6 3TA (GB). **BECKLEY, John** [GB/GB]; 29 Dodgson Road, Cowlay, Oxford OX4 3QS (GB).

(74) **GOODENOUGH, Nigel** et al. / etc.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01P 1/205**

(11) **WO 00/72402** (13) A1

(21) PCT/FI00/00447

(22) **18 May/mai 2000 (18.05.2000)**

(25) fi (26) en

(30) 991145 **19 May/mai 1999** FI **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FILTER
• FILTRE

(71) **ADC SOLITRA OY** [FI/FI]; Koskitie 10, FIN-90500 Oulu (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ERVASTI, Kimmo** [FI/FI]; Pikkukarintie 5, FIN-90470 Valjakka (FI).

(74) **PATENTTITOIMISTO TEKNOPOLIS KOLSTER OY**; c/o Kolster Oy Ab, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01Q**

(11) **WO 00/72403** (13) A2

(21) PCT/US00/14103

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,767 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSREFLECTOR ANTENNA FOR WIRELESS COMMUNICATION SYSTEM
• ANTENNE A TRANSREFLECTEUR POUR SYSTEME DE COMMUNICATION HERTZIEN

(71) **TELAXIS COMMUNICATIONS CORPORATION** [US/US]; 20 Industrial Drive East, South Deerfield, MA 01373-0109 (US).

(72) **KANAMALURU, Sridhar**; 80 Barrett Street, D5, Northampton, MA 01060 (US). **WOOD, Kenneth, R.**; 14 Rocky Hill Road, Hadley, MA 01035 (US).

(74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01Q 1/24, 1/36, 1/38, 1/40, 5/00, 21/30**

(11) **WO 00/72404** (13) A1

(21) PCT/JP00/03206

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/141879 **21 May/mai 1999** JP **(21.05.1999)**

(30) 11/222407 **5 Aug/août 1999** JP **(05.08.1999)**

(30) 2000/70038 **14 Mar/mar 2000** JP **(14.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOBILE COMMUNICATION ANTENNA AND MOBILE COMMUNICATION APPARATUS USING IT
• ANTENNE DE COMMUNICATION MOBILE ET APPAREIL DE COMMUNICATION MOBILE DANS LEQUEL ELLE EST UTILISEE

(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) **IGUCHI, Akihiko** [JP/JP]; 1-16-22-316, Kikusuidori, Moriguchi-shi, Osaka 570-0032 (JP). **FUKUSHIMA, Susumu** [JP/JP]; 1-4-40-349, Nonakaminami, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (JP). **SATOH, Yuki** [JP/JP]; 1-4-11-602, Uchiawajimachi, Chuou-ku, Osaka-shi, Osaka 540-0038 (JP). **YUDA, Naoki** [JP/JP]; 5-2-507, Kikugaokaminamimachi, Hirakata-shi, Osaka 573-0092 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza, Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

---

(51)[7] **H01Q 1/32**

(11) **WO 00/72405** (13) A1

(21) PCT/US00/14280

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/317,947 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VEHICLE ANTENNA ASSEMBLY FOR RECEIVING SATELLITE BROADCAST SIGNALS
• ENSEMBLE ANTENNE DE VEHICULE POUR RECEPTION DE SIGNAUX DE RADIODIFFUSION PAR SATELLITE

(71) **XM SATELLITE RADIO INC.** [US/US]; Suite 57, 1250 23rd Street, N.W., Washington, DC 20037 (US).

(72) **CHATZIPETROS, Argyrios**; 6208 Grand Cypress Circle, Lake Worth, FL 33463 (US). **PATSIOKAS, Stelios**; 9324 18th Street, N.W., Plantation, FL 33322 (US). **NGUYEN, Anh**; 9408 Sun Pointe Drive, Boynton Beach, FL 33437 (US).

(74) **LONGANECKER, Stacey** et al. / etc.; Roylance, Abrams, Berdo & Goodman L.L.P., Suite 600, 1300 19th Street, N.W., Washington, DC 20036 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01Q 13/10**

(11) **WO 00/72406** (13) A1

(21) PCT/US00/11778

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/315,468 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR CHANGING THE ELECTRICAL CHARACTERISTICS OF AN ANTENNA IN A COMMUNICATIONS SYSTEM
• PROCEDE ET APPAREIL PERMETTANT DE MODIFIER LES CARACTERISTIQUES ELECTRIQUES D'UNE ANTENNE DANS UN SYSTEME DE COMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **REED, John, Douglas**; 1101 Briarcliff Drive, Arlington, TX 76012 (US). **DUNBAR, Steven, Thomas**; 5916 Rushing Creek Court, Haltom City, TX 76137 (US).

(74) **DONATO, Mario, J., Jr.**; Motorola Inc., Legal Department, Mail Stop E230, 5401 North Beach Street, Fort Worth, TX 76114 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR

GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01R 24/00**

(11) **WO 00/72407** (13) A1

(21) PCT/US00/13411

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/317,249 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SURFACE MOUNTABLE CONNECTOR ASSEMBLY INCLUDING A PRINTED CIRCUIT BOARD
• ENSEMBLE CONNECTEUR POUVANT SE MONTER SUR UNE SURFACE ET COMPRENANT UNE PLAQUETTE DE CIRCUIT IMPRIME

(71) **STEWART CONNECTOR SYSTEMS, INC.** [US/US]; 11118 Susquehanna Trail South, Glen Rock, PA 17327 (US).

(72) **IMSCHWEILER, Derek**; 524 Green Meadows Drive, Dallastown, PA 17313 (US). **HESS, John**; 534 Green Meadows Drive, Dallastown, PA 17313 (US). **LOCATI, Ronald**; 2701 Ferncreek Lane, York, PA 17404 (US).

(74) **RASKIN, Martin, G.** et al. / etc.; Steinberg, Raskin & Liberchuk, P.C., 1140 Avenue of the Americas, New York, NY 10036-5803 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01R 39/00**

(11) **WO 00/72408** (13) A1

(21) PCT/US00/13380

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/315,882 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SWIVELING ELECTRICAL CONNECTOR
• CONNECTEUR ELECTRIQUE TOURNANT

(71, 72) **PURINGTON, Kim** [US/US]; 245 Keaniani Place, Kailua, HI 96734 (US). **POWERS, Jeffrey** [US/US]; 804 20th Avenue, Honolulu, HI 96816 (US). **WRIGHT, Robert** [US/US]; 307 Leeann Lane, Leucadia, CA 92024 (US).

(74) **VILLENEUVE, Joseph, M.**; Beyer Weaver & Thomas, LLP, P.O. Box 130, Mountain View, CA 94042-0130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01S 3/00**

(11) **WO 00/72409** (13) A2

(21) PCT/US00/12600

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 60/133,393 **10 May/mai 1999** US **(10.05.1999)**

(30) 09/468,396 **20 Dec/déc 1999** US **(20.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WIDE STRIPE DISTRIBUTED BRAGG REFLECTOR LASERS WITH IMPROVED ANGULAR AND SPECTRAL CHARACTERISTICS
• LASERS A REFLECTEUR DE BRAGG REPARTI ET CARACTERISTIQUES ANGULAIRES ET SPECTRALES AMELIOREES

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN5300, Princeton, NJ 08543-5300 (US).

(72) **KHALFIN, Viktor Borisovich**; 152 Hickory Corner Road, Apt. 915, Hightstown, NJ 08520 (US). **GARBUZOV, Dmitri Zalmanovich**; 19 Fleming Way, Princeton, NJ 08540 (US). **DIMARCO, Louis, Anthony**; 21 Lohli Drive, Hamilton Square, NJ 08690 (US). **CONNOLLY, John, Charles**; 5 Wright Court, Clarksburg, NJ 08510 (US).

(74) **NEY, Andrew, L.**; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H01S 3/08**

(11) **WO 00/72410** (13) A1

(21) PCT/US00/14635

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,108 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED OPTICAL CONTACTING METHOD AND APPARATUS
• PROCEDE ET APPAREIL ASSURANT UN CONTACT OPTIQUE AMELIORE

(71) **II-VI INCORPORATED** [US/US]; 375 Saxonburg Boulevard, Saxonburg, PA 16056 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIZELL, Gregory, J.** [US/US]; 521 Way Farer Drive, Tarpon Springs, FL 34681 (US).

(74) **LOGSDON, William, H.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01S 3/083**

(11) **WO 00/72411** (13) A1

(21) PCT/US00/11516

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 60/131,843 **30 Apr/avr 1999** US **(30.04.1999)**

(30) Not furnished / non communiqué **27 Apr/avr 2000** US **(27.04.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BI-DIRECTIONAL SHORT PULSE RING LASER
• LASER BIDIRECTIONNEL EN ANNEAU A IMPULSION BREVE

(71) **UNIVERSITY OF NEW MEXICO** [US/US]; Patent Administration Office, Hokona Hall, Zuni Wing, Room 357, Albuquerque, NM 87131 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **BOHN, Matthew, J.** [US/US]; DFMS/Suite 6D2A, 2354 Fairchild Drive, U.S. Air Force Academy, CO 80840 (US).

(72, 75) **DIELS, Jean-Claude, M.** [US/US]; 13517 Sunset Canyon, Northeast, Albuquerque, NM 87108 (US). **DANG, Thien, Trang** [US/US]; 401 Sycamore Street, Northeast, Albuquerque, NM 87106 (US). **JONES, R., Jason** [US/US]; 211 Montclaire, Northeast, Albuquerque, NM 87108 (US).

(74) **MAYS, Andrea, L.**; Peacock, Myers & Adams, P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01S 3/098**

(11) **WO 00/72412** (13) A1

(21) PCT/DE00/01584

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 541.4 **21 May/mai 1999** DE **(21.05.1999)**

(30) 199 60 765.6 **16 Dec/déc 1999** DE **(16.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PASSIVELY MODE-COUPLED FEMTOSECOND LASER
• LASER FEMTOSECONDE A MODES SYNCHRONISES PASSIVEMENT

(71, 72) **DEKORSY, Thomas** [DE/DE]; Drombornstrasse 8-10, D-52066 Aachen (DE).

(72, 75) **BARTELS, Albrecht** [DE/DE]; Kullenhofstrasse 4, D-52074 Aachen (DE). **KURZ, Heinrich** [DE/DE]; Rote Haag Weg 1B, D-52076 Aachen (DE).

(74) **BAUER, Wulf**; Bayenthalgürtel 15, D-50968 Köln (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H01S 4/00**

(11) **WO 00/72413** (13) A2

(21) PCT/EP00/04167

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 23 614.3 **25 May/mai 1999** DE **(25.05.1999)**

(30) 100 06 361.6 **12 Feb/fév 2000** DE **(12.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MINIATURIZED TERAHERTZ RADIATION SOURCE
• SOURCE MINIATURISEE DE RAYONNEMENT DE L'ORDRE DU TERAHERTZ

(71) **DEUTSCHE TELEKOM AG** [DE/DE]; Friedrich-Ebert-Allee 140, 53113 Bonn (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOOPS, Hans, W., P.** [DE/DE]; Ernst-Ludwig-Str. 16, 64372 Ober-Ramstadt (DE). **BAUER, Tobias** [DE/DE]; Weisskirchener Weg 37, 60439 Frankfurt/M. (DE). **ELSÄSSER, Wolfgang** [DE/DE]; Büchnerstr. 4, 64342 Seeheim-Jugenheim (DE). **FLOREANI, Filip** [HR/DE]; Am alten Bahnhof 6-42, 64293 Darmstadt (DE). **ROSKOS, Hartmut** [DE/DE]; Grüneburgweg 106, 60323 Frankfurt/M. (DE).

(74) **DEUTSCHE TELEKOM AG**; Rechtsabteilung (Patente) PA1, 64307 Darmstadt (DE).

(81) CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01S 5/00**

(11) **WO 00/72414** (13) A2

(21) PCT/US00/12135

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 60/132,460 **4 May/mai 1999** US **(04.05.1999)**

(30) 09/562,407 **1 May/mai 2000** US **(01.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMBINED SINGLE-FREQUENCY LASER AND LINEAR AMPLIFIER
• LASER MONOFRÉQUENCE COMBINÉ ET AMPLIFICATEUR LINÉAIRE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

(72) **MARTINELLI, Ramon, Ubaldo**; 415 South Main Street, Hightstown, NJ 08520 (US). **SUGG, Alan, Richard**; 127 Granite Hill Court, Langhorne, PA 19047 (US). **MENNA, Raymond, Joseph**; 417 Taylor Avenue, Newtown, PA 18940 (US).

(74) **NEY, Andrew, L.**; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US) et al. / etc.

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01S 5/068, 5/0687, 5/024, 5/062, 3/131**

(11) **WO 00/72415** (13) A1

(21) PCT/US00/06812

(22) **15 Mar/mar 2000 (15.03.2000)**

(25) en (26) en

(30) 09/316,617 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF CONTROLLING DIODE-LASER WAVELENGTH IN A DIODE-LASER PUMPED SOLID-STATE LASER
• PROCEDE DE MODULATION DE LONGUEUR D'ONDE DE DIODE-LASER DANS UN LASER A SEMI-CONDUCTEUR POMPE PAR DIODE LASER

(71) **COHERENT, INC.** [US/US]; 5100 Patrick Henry Drive, Santa Clara, CA 95056-0980 (US).

(72) **PFAFF, Juergen**; 615 Bayswater Avenue, Burlingame, CA 94010 (US).

(74) **STALLMAN, Michael, A.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H01S 5/14**

(11) **WO 00/72416** (13) A1

(21) PCT/US00/14571

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,875 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL FEEDBACK ASSEMBLY
• ENSEMBLE DE RETROACTION OPTIQUE

(71) **CIRREX CORPORATION** [US/US]; Suite N-205, 430 Tenth Street, N.W., Atlanta, GA 30318 (US).

(72) **WACH, Michael, L.**; 914 Collier Road, N.W., #6005, Atlanta, GA 30318 (US).

(74) **WIGMORE, Steven, P.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H01T 4/14, H02H 9/06**

(11) **WO 00/72417** (13) A1

(21) PCT/JP00/03286

(22) **23 May/mai 2000 (23.05.2000)**

(25) ja (26) ja

(30) 11/145634 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CREEPING DISCHARGE LIGHTNING ARRESTOR
• DECHARGEUR DE FOUDRE A DECHARGE RAMPANTE

(71) **KYUSHU ELECTRIC POWER CO., INC.** [JP/JP]; 1-82, Watanabe-dori 2chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0004 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOROOKA, Yasunari** [JP/JP]; Kyushu Electric Power Co., Inc., 1-82, Watanabe-dori 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0004 (JP).

(74) **KOHORI, Susumu** et al. / etc.; Room 401, Hakata-Shin-Mitsui Building, 1-1, Hakataekimae 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).

(81) AU CA CN KR US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

(51)[7] **H02G 1/00, 5/04, H01R 43/22, B23P 19/02, B25B 27/02**

(11) **WO 00/72418** (13) A1

(21) PCT/AU00/00552

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) PQ 0550 **25 May/mai 1999** AU **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INSERTION TOOL
• OUTIL D'INSERTION

(71) **PUPBEST PTY LTD** [AU/AU]; 18 Pacific Highway, Charmhaven, NSW 2263 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SINCLAIR, John, A.** [AU/AU]; Lot 1731 Combine Road, Wingham, NSW 2429 (AU).

(74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H02G 3/10**

(11) **WO 00/72419** (13) A1

(21) PCT/DE00/01615

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 465.5 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONNECTOR/CABLE DUCT ELEMENT
• DISPOSITIF CONNECTEUR/CONDUITE DE CABLES

(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) **MACHL, Johann** [DE/DE]; Seefelderstrasse 11, D-84056 Rottenburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H02G 15/18, H01R 9/03**

(11) **WO 00/72420** (13) A1

(21) PCT/GB00/01902

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911615.4 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CABLE BLOCKING
• ENROBAGE DE CABLES

(71) **N.V. RAYCHEM S.A.** [BE/BE]; Diestsesteenweg 692, B-3010 Kessel-Lo (BE).
*(only for / seulement pour AT BE BR CA CH CN CY DE DK ES FI FR GB GR IE IT JP LU MC MX NL PT SE)*

(71) **TYCO ELECTRONICS UK LTD.** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
*(only for / seulement pour MG)*

(72, 75) **VAN OVERMEIR, Peter** [BE/BE]; Horengang 1, B-3000 Leuven (BE). **VAN MEEUWEN, Bart** [BE/BE]; Eduard Robeynslaan 65/2, B-3290 Dirst (BE). **MICHIELS, Luc** [BE/BE]; Kartuizerstraat 11, B-3052 Blanden (BE). **NOLF, Jean-Marie, Etienne** [BE/BE]; Bierbeekstraat 89, B-3360 Korbeek-Lo (BE).

(74) **BEITSMA, Gerhard, Romano** et al. / etc.; Tyco Electronics UK Ltd., Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) BR CA CN JP MG MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H02H 3/05, G06F 15/16**

(11) **WO 00/72421** (13) A1

(21) PCT/US00/14250

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,664 **24 May/mai 1999** US **(24.05.1999)**

(30) 60/154,150 **15 Sep/sep 1999** US **(15.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RELIABLE MULTI-UNICAST
• MULTIDIFFUSION FIABLE

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US). **IBM CORPORATION** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US). **COMPAQ COMPUTER CORP.** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US). **ADAPTEC, INC.** [US/US]; Intellectual Property Administration, 3404 East Harmony Road, M/S 35, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRAUSE, Michael** [US/US]; 17523 Bear Creek Road, Boulder Creek, CA 95006 (US). **RECIO, Renato, John** [US/US]; 6707 Winnepeg Cove, Austin, TX 78759 (US).

(74) **BILLIG, Patrick**; Dicke, Billig & Czaja, P.A., Suite 1250, 701 Fourth Avenue South, Minneapolis, MN 55415_ (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H02H 7/06**

(11) **WO 00/72422** (13) A1

(21) PCT/CH00/00292

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) P.333380 **24 May/mai 1999** PL **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN ELECTRICAL MACHINE WINDING GROUND-FAULT PROTECTION SYSTEM
• SYSTEME DE PROTECTION CONTRE LES FUITES A LA TERRE D'UN BOBINAGE DE MACHINE ELECTRIQUE

(71) **ABB POWER AUTOMATION AG** [CH/CH]; Haselstrasse 16, CH-5401 Baden (CH).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FULCZYK, Marek** [PL/PL]; ul. Kosmonautów 1E/13, PL-47-220 K dzierzyn-Kole. (PL). **BERTSCH, Joachim** [DE/CH]; Segelhofstrasse 36, CH-5405 Baden-Dättwi (CH).

(74) **ABB BUSINESS SERVICES LTD**; Intellectual Property (SLE-1), Haselstrasse 16/699, CH-5401 Baden (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HR HU IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H02H 7/085, 1/00**

(11) **WO 00/72423** (13) A1

(21) PCT/EP00/04359

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 23 337.3 **21 May/mai 1999** DE **(21.05.1999)**

(30) 199 23 336.5 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR OPERATING AN ELECTRIC MOTOR, AND AN ELECTRIC MOTOR FOR CARRYING OUT SUCH A METHOD
• PROCEDE POUR ACTIONNER UN MOTEUR ELECTRIQUE, ET MOTEUR

ELECTRIQUE POUR METTRE UN TEL PROCEDE EN OEUVRE

(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) **RAPPENECKER, Hermann** [DE/DE]; Krankenhausstrasse 26, D-78147 Vöhrenbach (DE). **JESKE, Frank** [DE/DE]; Friedrich-Ebert-Strasse 13, D-78112 St. Georgen (DE). **HORNBERGER, Jörg** [DE/DE]; Nottental 1, D-72280 Dornstetten (DE). **KARWATH, Arno** [DE/DE]; Grosshofenstrasse 10, D-78628 Rottweil (DE).

(74) **RAIBLE, Hans**; Schoderstrasse 10, D-70192 Stuttgart (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H02J 7/00**

(11) **WO 00/72424** (13) A1

(21) PCT/JP00/02884

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 11/140747 **20 May/mai 1999** JP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RECEPTION SYSTEM, BATTERY CHARGING DEVICE, PORTABLE INFORMATION TERMINAL, AND TRANSMISSION AND RECEPTION SYSTEM
• SYSTEME DE RECEPTION, DISPOSITIF DE CHARGEMENT DE BATTERIES, TERMINAL D'INFORMATIONS PORTATIF ET SYSTEME DE TRANSMISSION ET DE RECEPTION

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **ITO, Takeshi**; Sony Computer Entertainment Inc., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **KAWAI, Eiji**; Sony Computer Entertainment Inc., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) **CHIBA, Yoshihiro**; Shinjuku Maynds Tower, 16th floor, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) AU BR CA CN KR MX NZ RU SG.

(84) EP (BE CH DE DK ES FI FR GB IT NL SE).

---

(51)[7] **H02K**

(11) **WO 00/72425** (13) A2

(21) PCT/DE00/01586

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 23 298.9 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRIC MOTOR, ESPECIALLY AN ELECTRIC GEARED MOTOR FOR VEHICLE AGGREGATES
• MOTEUR ELECTRIQUE, EN PARTICULIER MOTEUR A ENGRENAGE POUR GROUPES D'UN VEHICULE AUTOMOBILE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAUK, Detlef** [DE/DE]; Badstrasse 14, D-77871 Renchen (DE). **FISCHER, Ernst** [DE/DE]; Ludwig-Dill-Strasse 6, D-76593 Gernsbach (DE). **KARCHER, Hansjoerg** [DE/DE]; Buechelbachstrasse 6, D-77830 Buehlertal (DE). **HERP, Juergen** [DE/DE]; Am Neuen Weg 13, D-77815 Buehl (DE). **MAURER, Erik** [DE/DE]; Butschenbergweg 10, D-77815 Buehlertal (DE). **WIEGERT, Andreas** [DE/DE]; Russhaldeweg 28, D-77876 Kappelrodeck (DE). **BOCK, Bernd** [DE/DE]; Hansjakobweg 41, D-77830 Bühlertal (DE). **HURST, Richard** [DE/DE]; Gottwaldstrasse 8a, D-77656 Offenburg (DE).

(81) BR JP KR PL RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H02K 1/18**

(11) **WO 00/72426** (13) A1

(21) PCT/JP00/02975

(22) **10 May/mai 2000 (10.05.2000)**

(25) ja (26) ja

(30) 11/144816 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CORE FOR ROTATING MACHINE, METHOD OF MANUFACTURING THE SAME, PIECE FOR CORE, AND ROTATING MACHINE
• NOYAU DE MACHINE ROTATIVE, SON PROCEDE DE FABRICATION, PIECE DU NOYAU ET MACHINE ROTATIVE

(71) **HITACHI, LTD.** [US/US]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ENOMOTO, Yuji** [JP/JP]; Production Engineering Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **TANEDA, Yukinori** [JP/JP]; Production Engineering Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **YAMAMOTO, Noriaki** [JP/JP]; Production Engineering Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **ISHIGAMI, Takashi** [JP/JP]; Production Engineering Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **SAKAI, Toshihiko** [JP/JP]; Industrial Components & Equipment Division, Hitachi, Ltd., 1-1, Higashinarashino 7-chome, Narashino-shi, Chiba 275-0001 (JP). **SHIBUKAWA, Suetaro** [JP/JP]; Automotive Products Division, Hitachi Ltd., 2520, Oaza-takaba, Hitachinaka-shi, Ibaraki 312-8503 (JP). **SENOH, Masaharu** [JP/JP]; Industrial Components & Equipment Division, Hitachi, Ltd., 1-1, Higashinarashino 7-chome, Narashino-shi, Chiba 275-0001 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyuda-ku, Tokyo 100-8220 (JP).

(81) CN KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H02K 29/03, 1/08**

(11) **WO 00/72427** (13) A1

(21) PCT/JP00/03207

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 11/141863 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOTOR WITH PERMANENT MAGNET
• MOTEUR A AIMANT PERMANENT

(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) **ASANO, Yoshinari** [JP/JP]; 2-9-23-208, Komatsu, Takefu-shi, Fukui 915-0816 (JP). **SAWAHATA, Takao** [JP/JP]; 56-14-8, Kitayama-cho, Takefu-shi, Fukui 915-0897 (JP). **HONDA, Yukio** [JP/JP]; 7-1-3, Kisabe, Katano-shi, Osaka 576-0054 (JP). **KURAHAYASHI, Takahisa** [JP/JP]; 1-6-5, Inari, Fujisawa-shi, Kanagawa 251-0862 (JP). **TAMAMURA, Toshiyuki** [JP/JP]; 4-36-107, Sengokunishimachi, Kadoma-shi, Osaka 571-0014 (JP). **KIRIYAMA, Hiroyuki** [JP/JP]; 46-2-305, Higashimachi, Yamadaike, Hirakata-shi, Osaka 573-0165 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN DE GB US.

Published / Publiée : *(c)*

(51)[7] **H02K 33/10**

(11) **WO 00/72428** (13) A1

(21) PCT/US00/08731

(22) **14 Apr/avr 2000 (14.04.2000)**

(25) en (26) en

(30) 09/315,852 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPACT MINIATURE MOTOR
• MOTEUR COMPACT MINIATURISE

(71) **MOLON MOTOR & COIL CORPORATION** [US/US]; 3737 Industrial Avenue, Rolling Meadows, IL 60008 (US).

(72) **KERDJOUDJ, Mohamed**; 1333 West Taylor Street, Apartment 3F, Chicago, IL 60607 (US). **TSERGAS, A., N., (Tom)**; 143 Elizabeth Court, Wood Dale, IL 60191 (US).

(74) **BEAUMONT, William, E.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Crystal Square Five, Fourth floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H02K 37/14, 16/02**

(11) **WO 00/72429** (13) A1

(21) PCT/FR00/01317

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06606 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STEP MOTOR WITH DOUBLE COIL IN A PLANE
• MOTEUR PAS-A-PAS A DOUBLE BOBINE DANS UN PLAN

(71) **EATON** [MC/MC]; 17, avenue Prince Héréditaire Albert, MC-98000 Monaco (MC).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GOUBELY, Aimé** [FR/FR]; Le Chêne Vert C2, F-06340 La Trinité (FR). **ARMIROLI, Jean** [FR/FR]; Beaulieu Palace, Entrée D, 4, boulevard du Maréchal Joffre, F-06310 Beaulieu sur Mer (FR).

(74) **LITTOLFF, Denis**; Cabinet Meyer & Partenaires, 20 Place des Halles, Bureau Europe, F-67000 Strasbourg (FR).

(81) CA JP KR MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H02K 53/00**

(11) **WO 00/72430** (13) A1

(21) PCT/DE99/01530

(22) **25 May/mai 1999 (25.05.1999)**

(25) de (26) de

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EMISSIONLESS LOW-ENERGY DRIVE SYSTEM FOR VEHICLES OF ALL TYPES
• SYSTEME DE TRANSMISSION DE FAIBLE ENERGIE SANS EMISSION DESTINE A DES VEHICULES DE TOUS TYPES

(71, 72) **HELLER, Karl-Heinz** [DE/DE]; Weiher 1, D-98597 Fambach (DE). **KAMATA, Tetsuo** [JP/DE]; Dubrowplatz 8, D-14129 Berlin (DE).

(74) **HELLER, Karl-Heinz**; Weiher 1, D-98597 Fambach (DE).

(81) AL BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA US UZ VN YU.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H02K 53/00**

(11) **WO 00/72431** (13) A1

(21) PCT/KR00/00484

(22) **18 May/mai 2000 (18.05.2000)**

(25) ko (26) en

(30) 1999/18411 **21 May/mai 1999** KR **(21.05.1999)**

(30) 2000/1251 **11 Jan/jan 2000** KR **(11.01.2000)**

(30) 2000/16724 **30 Mar/mar 2000** KR **(30.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MAGNETIC DYNAMO USING ROTATION PHENOMENON BY THE REPULSIVE FORCE OF PERMANENT MAGNET
• DYNAMO MAGNETIQUE TIRANT PROFIT D'UN PHENOMENE DE ROTATION ENGENDRE PAR LA FORCE REPULSIVE D'UN AIMANT PERMANENT

(71, 72) **PARK, Byung-Sun** [KR/KR]; 779-41, Kuro-dong, Kuro-ku, Seoul 152-050 (KR).

(74) **KIM, Seong-Ki**; 9th floor, Teheran Boulevard, 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK SL TR TT TZ UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H02M 1/00, 3/335**

(11) **WO 00/72432** (13) A1

(21) PCT/SE00/01016

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 9901839-2 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SOFT START CIRCUIT
• CIRCUIT À MISE SOUS TENSION SANS APPEL DE COURANT

(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) **BOSTRÖM, Patrik** [SE/SE]; Oxshagsgatan 10, S-561 50 Husqvarna (SE).

(74) **ERICSSON MICROELECTRONICS AB**; Department for Intellectual Property Rights, S-164 81 Kista-Stockholm (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **H02M 1/08**

(11) **WO 00/72433** (13) A1

(21) PCT/JP99/02636

(22) **19 May/mai 1999 (19.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SWITCHING CIRCUIT
• CIRCUIT DE COMMUTATION

(71) **KANSAI RESEARCH INSTITUTE** [JP/JP]; 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MASUDA, Atsuhiko** [JP/JP]; Kansai Research Institute, Kyoto Research Park Science Center Building, 17, Chudoji-minami-machi, Shimogyo-ku, Kyoto-shi, Kyoto 600 8813 (JP). **ABE, Masayuki** [JP/JP]; Kansai Research Institute, Kyoto Research Park Science Center Building, 17, Chudoji-minami-machi, Shimogyo-ku, Kyoto-Shi, Kyoto 600-8813 (JP).

(74) **KITAMURA, Shuichiro**; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[7] **H02M 3/00**

(11) **WO 00/72434** (13) A1

(21) PCT/EP00/04210

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/316,557 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTEGRATED CIRCUIT (IC) SWITCHING POWER CONVERTER
• CONVERTISSEUR DE PUISSANCE A COMMUTATION DE CIRCUIT INTEGRE (IC)

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **HINMAN, Roderick, T.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VELDMAN, Paul**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUIJVESTIJN, Adrianus, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H02M 3/335, 1/00**

(11) **WO 00/72435** (13) A1

(21) PCT/US00/08006

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(30) 09/317,348 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROTECTING SWITCHING POWER SUPPLY FROM FAULT CONDITION
• PROTECTION D'UNE ALIMENTATION A DECOUPAGE CONTRE UN ETAT DEFECTUEUX

(71) **SEMICONDUCTOR COMPONENTS INDUSTRIES, L.L.C.** [US/US]; 5005 E. McDowell Road, Phoenix, AZ 85008 (US).

(72) **HALL, Jefferson, W.**; 4526 E. Dry Creek Road, Phoenix, AZ 85044 (US). **ALBERKRACK, Jade, H.**; 1834 E. Calle de Caballos, Tempe, AZ 85284 (US).

(74) **ATKINS, Robert, D.**; Semiconductor Components Industries L.L.C., ON Semiconductor Intellectual Property Dept.-A230, 5005 E. McDowell Road, Phoenix, AZ 85008 (US).

(81) CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H02P 7/00, E05F 15/10, E06B 9/68**

(11) **WO 00/72436** (13) A1

(21) PCT/AU00/00486

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0509 **21 May/mai 1999** AU **(21.05.1999)**

(30) PQ 4395 **1 Dec/déc 1999** AU **(01.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONTROL SYSTEM AND METHOD FOR AN AUTOMATIC DOOR OR GATE
• SYSTEME DE COMMANDE ET PROCEDE POUR PORTE OU PORTAIL AUTOMATIQUE

(71) **AUTOMATIC TECHNOLOGY AUSTRALIA PTY LTD** [AU/AU]; 17-19 Advantage Road, Highett, VIC 3190 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEIVENZON, Jack** [AU/AU]; 17-19 Advantage Road, Highett, VIC 3190 (AU). **LEIVENZON, Simon** [AU/AU]; 17-19 Advantage Road, Highett, VIC 3190 (AU). **BAKER, Geoffrey, John** [AU/AU]; Electronic Design Synthesis, 80 Maud Street, Geelong, VIC 3220 (AU). **HAWKINS, Ray, Russell** [AU/AU]; 1 Mapiti Court, Frankston, VIC 3199 (AU).

(74) **MCMASTER, Wayne** et al. / etc.; McMaster Oberin Arthur Robinson & Hedderwicks, Stock Exchange Centre, 530 Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H02P 21/00, 1/46, 6/18, 6/20**

(11) **WO 00/72437** (13) A1

(21) PCT/FI00/00446

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 991144 **19 May/mai 1999** FI **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STARTING PROCEDURE OF OPEN-LOOP VECTOR CONTROL IN SYNCHRONOUS MACHINE
• PROCEDURE DE DEMARRAGE DE COMMANDE D'UN VECTEUR EN BOUCLE OUVERTE DANS UNE MACHINE SYNCHRONE

(71) **ABB INDUSTRY OY** [FI/FI]; Hiomotie 13, FIN-00380 Helsinki (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LUUKKO, Julius** [FI/FI]; Majavanraitti 3 A 2, FIN-53850 Lappeenranta (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H03C 1/06, 3/08, H04L 27/36, H03F 1/32**

(11) **WO 00/72438** (13) A1

(21) PCT/EP99/03610

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LINEARISATION AND MODULATION DEVICE
• DISPOSITIF DE MODULATION ET DE LINEARISATION

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAPIO, Olli** [FI/FI]; Kumputie 33 A 9, FIN-90940 Jääli (FI).

(74) **PELLMANN, Hans-Bernd** et al. / etc.; Tiedtke-Bühling-Kinne et al., Bavariaring 4, D-80336 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H03F 3/60**

(11) **WO 00/72439** (13) A1

(21) PCT/GB00/01893

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911880.4 **22 May/mai 1999** GB **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AMPLIFIER CIRCUIT
• CIRCUIT AMPLIFICATEUR

(71) **MARCONI CASWELL LTD.** [GB/GB]; One Bruton Street, London WIX 8AQ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FORSTER, Ian, James** [GB/GB]; 31 Great Cob, Springfield, Chelmsford, Essex CM1 5LA (GB).

(74) **COCKAYNE, Gillian**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV

MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H03F 3/60**

(11) **WO 00/72440** (13) A1

(21) PCT/GB00/01895

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911880.4 **22 May/mai 1999** GB **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AMPLIFIER CIRCUIT
• CIRCUIT AMPLIFICATEUR

(71) **MARCONI CASWELL LIMITED** [GB/GB]; One Bruton Street, London W1X 8AQ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FORSTER, Ian, James** [GB/GB]; 31 Great Cob, Springfield, Chelmsford, Essex CM1 5LA (GB).

(74) **COCKAYNE, Gillian**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H03G 3/20**

(11) **WO 00/72441** (13) A1

(21) PCT/US00/14301

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,480 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTOMATIC GAIN CONTROL AND OFFSET CORRECTION
• COMMANDE DE GAIN AUTOMATIQUE ET CORRECTION DE DECALAGE

(71) **LEVEL ONE COMMUNICATIONS, INC.** [US/US]; 9750 Goethe Road, Sacramento, CA 95827 (US).

(72) **MACNALLY, Donald, Evan**; 141 Bronte Street, San Francisco, CA 94110 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) IL SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H03H 7/30, H01L 27/02, H01P 3/08**

(11) **WO 00/72442** (13) A1

(21) PCT/SE00/00884

(22) **4 May/mai 2000 (04.05.2000)**

(25) sv (26) en

(30) 9901665-1 **5 May/mai 1999** SE **(05.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTEGRATED ELECTRONIC CIRCUIT COMPRISING AN ELECTRONIC COMPONENT AND A DELAY ELEMENT WHICH HAS A TWISTED-PAIR CONDUCTOR LINE STRUCTURE
• CIRCUIT ELECTRONIQUE INTEGRE COMPRENANT UN COMPOSANT ELECTRONIQUE ET UN CIRCUIT A RETARD PRESENTANT UNE STRUCTURE DE CONDUCTEUR A PAIRE TORSADEE

(71) **AVANCERADE LOGIKMASKINER AB** [SE/SE]; I4 Hus 16, S-582 10 Linköping (SE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AHLM, Roger** [SE/SE]; Gamla Tanneforsvägen 90, S-582 54 Linköping (SE). **GUSTAVSSON, Mikael** [SE/SE]; Järdalavägen 28 C, S-589 21 Linköping (SE).

(74) **HANSSON THYRESSON PATENTBYRÅ AB**; Box 73, S-201 20 Malmö (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H03K**

(11) **WO 00/72443** (13) A2

(21) PCT/EP00/04193

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 99201578.4 **19 May/mai 1999** EP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIFREQUENCY LOW-POWER OSCILLATOR FOR TELECOMMUNICATION IC'S
• OSCILLATEUR MULTIFREQUENCE BASSE PUISSANCE POUR CIRCUITS INTEGRES DE TELECOMMUNICATION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **WANG, Zhenhua**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H03K**

(11) **WO 00/72444** (13) A2

(21) PCT/US00/11348

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 60/132,121 **30 Apr/avr 1999** US **(30.04.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR A SCANNABLE HYBRID FLIP FLOP
• PROCEDE ET APPAREIL DESTINES A UN BISTABLE HYBRIDE BALAYABLE

(71) **LOCKHEED MARTIN CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20871 (US).

(72) **HOFFMAN, Joseph, A.**; 874 West Azalea Drive, Chandler, AZ 85248 (US). **YODER, Joseph, W.**; 2620 Clide Court, Oakton, VA 22124 (US).

(74) **ALBRECHT, Ralph, P.**; Lane, Aitken & McCann, L.L.P., Suite 901, 2600 Virginia Avenue N.W., Washington, DC 20037 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H03K 3/01**

(11) **WO 00/72445** (13) A1

(21) PCT/US00/14148

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,277 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STABLE VOLTAGE REFERENCE CIRCUIT
• CIRCUIT DE REFERENCE DE TENSION STABLE

(71) **LEWYN CONSULTING, INC.** [US/US]; 1505 Regatta Road, Laguna Beach, CA 92651 (US).

(72) **LEWYN, Lanny, L.**; 1505 Regatta Road, Laguna Beach, CA 92651 (US).

(74) **SLUSHER, Jeffrey**; 34825 Sultan-Startup Road, Sultan, WA 98294 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H03L 1/02**

(11) **WO 00/72446** (13) A1

(21) PCT/US00/14683

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,116 **26 May/mai 1999 (26.05.1999)** US

(30) 09/439,101 **12 Nov/nov 1999 (12.11.1999)** US

(30) 09/483,551 **14 Jan/jan 2000 (14.01.2000)** US

(30) 09/493,942 **28 Jan/jan 2000 (28.01.2000)** US

(30) 09/547,968 **12 Apr/avr 2000 (12.04.2000)** US

(30) 09/573,356 **17 May/mai 2000 (17.05.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTEGRATED VCO
• OSCILLATEURS DE COMMANDE DE TENSION (VCO) INTEGRES

(71) **BROADCOM CORPORATION** [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUNCAN, Ralph** [GD/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). **KWAN, Tom, W.** [CA/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).

(74) **PACIULAN, Richard, J.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H03M 1/18**

(11) **WO 00/72447** (13) A1

(21) PCT/SE00/00973

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9901888-9 **25 May/mai 1999 (25.05.1999)** SE

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A/D CONVERSION OFFSET ERROR CORRECTION
• CONVERTISSEUR ANALOGIQUE/NUMÉRIQUE DE CORRECTION D'ERREUR DE DÉCALAGE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **RUDBERG, Mikael, Karlsson**; Lantmannagatan 130, S-582 32 Linköping (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H03M 13/00**

(11) **WO 00/72448** (13) A1

(21) PCT/KR00/00509

(22) **20 May/mai 2000 (20.05.2000)**

(25) en (26) en

(30) 1999/19095 **20 May/mai 1999 (20.05.1999)** KR

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERLEAVING APPARATUS AND METHOD FOR USE IN SERIAL CONCATENATED CONVOLUTIONAL CODE ENCODER IN A MOBILE COMMUNICATION SYSTEM
• PROCEDE ET DISPOSITIF D'IMBRICATION POUR CODEUR A CODE CONVOLUTIONNEL CONCATENE EN SERIE DANS UN SYSTEME DE COMMUNICATIONS MOBILES

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).

(72) **KIM, Beong-Jo**; Shinan Apt. #303-804 201, Mujigaemaeul, Kumi-dong, Puntang-gu, Songnam-shi, Kyonggi-do 463-500 (KR). **KIM, Min-Goo**; 973-3, Youngtong-dong, Paldal-gu, Suwon-shi, Kyonggi-do 442-470 (KR). **LEE, Young-Hwan**; 237-7, Chongja-dong, Puntang-gu, Songnam-shi, Kyonggi-do 463-010 (KR). **KIM, Se-Hyoung**; Misung Apt. #2-902, Songpa 2-dong, Songpa-gu, Seoul 138-172 (KR).

(74) **LEE, Keon-Joo**; Mihwa Building, 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) AU BR CA CN IN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H03M 13/23, 13/37**

(11) **WO 00/72449** (13) A1

(21) PCT/FI00/00457

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 991159 **21 May/mai 1999 (21.05.1999)** FI

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND ARRANGEMENT FOR IMPLEMENTING CONVOLUTIONAL DECODING
• PROCEDE ET DISPOSITIF POUR EFFECTUER LE CODAGE CONVOLUTIF

(71) **NOKIA MOBILE PHONES LTD** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HÄMÄLÄINEN, Ari** [FI/FI]; Linnoituskuja 1 C 19, FIN-01280 Vantaa (FI). **HENRIKSSON, Jukka** [FI/FI]; Kurkijoentie 19 C, FIN-02140 Espoo (FI).

(74) **PATENTTITOIMISTO TEKNOPOLIS KOLSTER OY**; c/o Kolster OY AB, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H03S**

(11) **WO 00/72450** (13) A2

(21) PCT/US00/12708

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 60/133,393 **10 May/mai 1999 (10.05.1999)** US

(30) 09/468,396 **20 Dec/déc 1999 (20.12.1999)** US

(30) 09/546,086 **10 Apr/avr 2000 (10.04.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MASTER OSCILLATOR GRATING COUPLED POWER AMPLIFIER WITH ANGLED AMPLIFIER SECTION
• AMPLIFICATEUR DE PUISSANCE COUPLE PAR UN RESEAU DE L'OSCILLATEUR PRINCIPAL, A SECTION D'AMPLIFICATION OBLIQUE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

(72) **KHALFIN, Viktor, Borisovich**; 152 Hickory Corner Road, Apt. 915, Hightstown, NJ 08520 (US). **GARBUZOV, Dmitri, Zalmanovich**; 19 Fleming Way, Princeton, NJ 08540 (US). **DIMARCO, Louis, Anthony**; 21 Lohli Drive, Hamilton Square, NJ

08690 (US). **CONNOLLY, John, Charles**; 5 Wright Court, Clarksburg, NJ 08510 (US).

(74) **NEY, Andrew, L.**; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B**

(11) **WO 00/72451** (13) A2

(21) PCT/US00/13662

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,319 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/469,947 **21 Dec/déc 1999** US **(21.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR REDUCING IMPAIRMENTS FROM NONLINEAR FIBER EFFECTS IN 1550 NANOMETER EXTERNAL MODULATION LINKS

• DISPOSITIF ET PROCEDE DESTINES A ATTENUER LES DEGRADATIONS DUES AUX EFFETS DE FIBRES NON LINEAIRES DANS DES LIAISONS DE MODULATION EXTERNE DE 1550 NANOMETRES

(71) **ORTEL CORPORATION** [US/US]; 2015 West Chestnut Street, Alhambra, CA 91803 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BLAUVELT, Henry, A.** [US/US]; 1160 Oakwood Drive, San Marino, CA 91108 (US).

(74) **HASAN, Syed, A.**; Christie, Parker & Hale, LLP, 350 W. Colorado Boulevard, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B**

(11) **WO 00/72452** (13) A2

(21) PCT/US00/14613

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 09/318,708 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONVERTING UNSTRUCTURED INFORMATION INTO STRUCTURED INFORMATION

• CONVERSION D'INFORMATION NON STRUCTUREE EN INFORMATION STRUCTUREE

(71) **HEALTH HERO NETWORK, INC.** [US/US]; Suite 111, 2570 West El Camino Real, Mountain View, CA 94040 (US).

(72) **BROWN, Stephen, J.**; 3324 Woodside Road, Woodside, CA 94062 (US).

(74) **SMITH, Michael, S.**; Black Lowe & Graham, PLLC, 816 Second Avenue, Seattle, WA 98104 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **H04B 1/00**

(11) **WO 00/72453** (13) A1

(21) PCT/US99/11529

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UNIVERSAL QUALITY MEASUREMENT SYSTEM FOR MULTIMEDIA AND OTHER SIGNALS

• SYSTEME UNIVERSEL DE MESURE DE LA QUALITE DE SIGNAUX MULTIMEDIA ET D'AUTRES SIGNAUX

(71) **ALGOREX, INC.** [US/US]; 447 Battery Street, San Francisco, CA 94111 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MA, Wei** [SG/US]; 22819 Lakemont Pl, Castro Valley, CA 94552 (US). **LEE, Martin** [GB/US]; Apartment 1, 371 25th Avenue, San Francisco, CA 94121 (US). **HOMAYOUNFAR, Kambiz** [US/JP]; 1-35-11 Ebisu-Nishi, Daikanyama Tower #303, Shibuya-ku, Tokyo 105 (JP).

(74) **BEULICK, John, S.** et al. / etc.; Armstrong Teasdale LLP, Suite 2600, One Metropolitan Square, St. Louis, MO 63102-2740 (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 HU ID IL IS JP KE KG KP KR KZ 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.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 1/10**

(11) **WO 00/72454** (13) A1

(21) PCT/DE00/01063

(22) **6 Apr/avr 2000 (06.04.2000)**

(25) de (26) de

(30) 199 23 473.6 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR FILTERING A MOBILE RADIOTELEPHONE SIGNAL AND CORRESPONDING MOBILE RADIOTELEPHONE RECEIVER

• PROCEDE DE FILTRAGE D'UN SIGNAL RADIO MOBILE ET RECEPTEUR RADIO MOBILE CORRESPONDANT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MEYER, Jan** [DE/DE]; Westendstr. 43, D-82362 Weilheim (DE). **KEUSER, Frank** [DE/DE]; Zeppelinstr. 10, D-81541 München (DE). **HANTKE, Nico** [DE/DE]; Bararstr. 62, D-80799 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04B 1/12, 7/005, H04L 25/03**

(11) **WO 00/72455** (13) A1

(21) PCT/DE00/01612

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 407.8 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RECEPTION METHOD AND RECEIVER FOR MOBILE RADIOTELEPHONE APPLICATIONS

• PROCEDE DE RECEPTION ET DISPOSITIF DE RECEPTION POUR APPLICATIONS EN TELEPHONIE MOBILE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81541 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOETSCH, Markus** [DE/DE]; Sendenicher Weg 62, 56072 Koblenz-Rübenach (DE). **JUNG, Peter** [DE/DE]; Im Rabental 28, 67697 Otterberg (DE). **PLECHINGER, Jörg** [DE/DE]; Westermühlstrasse 16, 80469 München (DE). **SCHMIDT, Peter** [DE/DE]; Bahnhofstrasse 32, 67167 Erpolzheim (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, 80503 München (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04B 1/28, 1/40**

(11) **WO 00/72456** (13) A1

(21) PCT/US00/14184

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,660 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTI-FREQUENCY BAND, MULTI-MODE RADIO RECEIVER, AND ASSOCIATED METHOD, HAVING SHARED CIRCUIT ELEMENTS
• RECEPTEUR RADIO MULTI-MODE ET BANDE MULTI-FREQUENCE ET PROCEDE CONNEXE, POURVU D'ELEMENTS DE CIRCUIT PARTAGES

(71) **NOKIA MOBILE PHONES LIMITED** [FI/FI]; Keilalahdentie 4, FIN-02150 Espo (FI).

(71, 72) **ALI, Fazal** [US/US]; 11638 Candy Rose Way, San Diego, CA 92131 (US).

(72) **WAKEHAM, Thomas, C.**; 6467 Peinado Way, San Diego, CA 92121 (US). **ROVOS, Konstantina, A.**; 3969 Mahaila Ave., San Diego, CA 92122 (US).

(74) **KELLY, Robert, H.** et al. / etc.; Holland & Hart LLP, 90 South Cascade Ave., Suite 1000, Post Office Box 2341, Colorado Springs, CO 80901-2341 (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.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 1/48, H03H 7/38**

(11) **WO 00/72457** (13) A1

(21) PCT/US00/13606

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,467 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/527,314 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ANTENNA INTERFACE
• INTERFACE D'ANTENNE

(71) **LEVEL ONE COMMUNICATIONS, INC.** [US/US]; 9750 Goethe Road, Sacramento, CA 95827 (US).

(72) **MACNALLY, Donald, E.**; 141 Bronte Street, San Francisco, CA 94110 (US). **CHO, Thomas, B.**; 356 Oleander Avenue, Alameda, CA 94502 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) CA IL SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04B 1/707, H04L 1/00**

(11) **WO 00/72458** (13) A1

(21) PCT/DE00/01611

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 408.6 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CDMA RECEPTION METHOD AND CDMA RECEIVER FOR MOBILE RADIOTELEPHONE APPLICATIONS
• PROCEDE DE RECEPTION AMCR ET DISPOSITIF DE RECEPTION AMCR POUR APPLICATIONS EN TELEPHONIE MOBILE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, D-81541 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOETSCH, Markus** [DE/DE]; Sendenicher Weg 62, D-56072 Koblenz-Rübenach (DE). **JUNG, Peter** [DE/DE]; Im Rabental 28, D-67697 Otterberg (DE). **PLECHINGER, Jörg** [DE/DE]; Westermühlstrasse 16, D-80469 München (DE). **SCHMIDT, Peter** [DE/DE]; Bahnhofstrasse 32, D-67167 Erpolzheim (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04B 1/707**

(11) **WO 00/72459** (13) A1

(21) PCT/US00/13530

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/317,333 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR PROVIDING DIFFERENTIAL MULTI-STAGE DETECTION IN THE REVERSE LINK OF A CODE DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM
• PROCEDE ET APPAREIL DE DETECTION DIFFERENTIELLE MULTIETAGEE SUR LA LIAISON RETOUR D'UN SYSTEME DE COMMUNICATION A ACCES MULTIPLE PAR REPARTITION DE CODE

(71, 72) **AAZHANG, Behnaam** [US/US]; 9107 Pontiac, Houston, TX 77093 (US). **CAVALLARO, Joseph, R.** [US/US]; 2310 Alberton Lane, Pearland, TX 77584 (US). **XU, Gang** [CN/US]; 9830 North MacArthur #1804, Irving, TX 75063 (US).

(74) **LYNCH, David, W.**; Altera Law Group, LLC, 10749 Bren Road East, Opus 2, Minneapolis, MN 55343 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 3/00, H04K 1/02**

(11) **WO 00/72460** (13) A1

(21) PCT/US00/13018

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/135,347 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/375,384 **17 Aug/août 1999** US **(17.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DISTRIBUTING OTHERWISE UNAVAILABLE WORKS OVER THE INTERNET
• PROCEDE ET SYSTEME DE DISTRIBUTION SUR L'INTERNET DE TRAVAUX NON DISPONIBLES AUTREMENT

(71) **VIRTUOSITY PRESS LLC** [US/US]; 74 Old Church Road, Greenwich, CT 06830 (US).

(72) **COHEN, Jonathan**; 74 Old Church Road Greenwich, CT 06830 (US). **WEISSMAN, Andrew, H.**; 320 East 46th Street #12H, New York, NY 10017 (US). **GOTTLIEB, Brian, P.**; 108 East 82nd Street #5B, New York, NY 10028 (US). **CHAGANTI, Naren**; 7328 Dartford Drive #6, McLean, VA 22102 (US).

(74) **MORRIS, Francis, E.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 3/46**

(11) **WO 00/72461** (13) A1

(21) PCT/US00/13478

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/135,452 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IDENTIFICATION SYSTEM FOR MONITORING THE PRESENCE/ABSENCE OF MEMBERS OF A DEFINED SET
• SYSTEME D'IDENTIFICATION POUR SURVEILLER LA PRESENCE/L'ABSENCE DES ELEMENTS D'UN ENSEMBLE DEFINI

(71, 72) **KOERNER, Ralph, J.** [US/US]; P.O. Box 1320, Ramona, CA 92065 (US).

(72, 75) **KOERNER, Steve, J.** [US/US]; 2313 N. Sinague Circle, Mesa, AZ 85203 (US).

(74) **FREILICH, Arthur**; Freilich, Hornbaker & Rosen, Suite 260, 9045 Corbin Avenue, Northridge, CA 91324-3343 (US).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 7/00**

(11) **WO 00/72462** (13) A2

(21) PCT/US00/12340

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 60/133,387 **10 May/mai 1999** US **(10.05.1999)**

(30) 09/478,035 **5 Jan/jan 2000** US **(05.01.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR A DIGITAL PHASED ARRAY ANTENNA
• PROCEDE ET APPAREIL POUR UNE ANTENNE RESEAU A COMMANDE DE PHASE NUMERIQUE

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02421 (US).

(72) **TOPLICAR, James, R.**; 2545 Scenic Drive, Plano, TX 75025 (US). **ANDREWS, Guillermo, V.**; 8409 Clearview Court, Plano, TX 75025 (US). **FRAZIER, Gary, A.**; 106 East Apollo road, Garland, TX 75040 (US). **AGARWAL, Krishna, K.**; 3928 Wilshire Drive, Plano, TX 75023 (US). **DOUCETTE, Paul, E.**; 6638 Marlin Drive, Plano, TX 75023 (US).

(74) **MEIER, Harold, E.**; Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 7/00**

(11) **WO 00/72463** (13) A2

(21) PCT/US00/14692

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/135,979 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WIRELESS COMMUNICATIONS SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE COMMUNICATIONS SANS FIL

(71) **JOHNSON CONTROLS INTERIORS TECHNOLOGY CORP.** [US/US]; One Prince Center, Holland, MI 49423 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WITKOWSKI, Todd, R.** [US/US]; 2872 Creekview Drive, Zeeland, MI 49464 (US). **DYKEMA, Kurt, A.** [US/US]; 656 Harrington Avenue, Holland, MI 49423 (US). **GEERLINGS, Steven, L.** [US/US]; 9542 Ransom Street, Holland, MI 49464 (US). **ZEINSTRA, Mark, L.** [US/US]; 945 Meadow Ridge, Holland, MI 49424 (US). **BUEGE, Robert, F.** [US/US]; 10844 Deerwood, Lowell, MI 49331 (US).

(74) **SOSENKO, Eric, J.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04B 7/06, H04L 5/12, 1/16**

(11) **WO 00/72464** (13) A1

(21) PCT/EP99/03440

(22) **19 May/mai 1999 (19.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSMIT DIVERSITY METHOD AND SYSTEM
• PROCÉDÉ ET SYSTÈME D'ÉMISSION EN DIVERSITÉ

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOTTINEN, Ari** [FI/FI]; Nokia Research Center, Itämerenkatu 11-13, FIN-00045 Nokia Group (FI). **WICHMAN, Risto** [FI/FI]; Nokia Research Center, Itämerenkatu 11-13, FIN-00045 Nokia Group (FI).

(74) **PELLMANN, Hans-Bernd** et al. / etc.; Tiedtke-Bühling-Kinne, Bavariaring 4, D-80336 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 7/06, H04L 5/12, 1/16**

(11) **WO 00/72465** (13) A1

(21) PCT/EP00/01127

(22) **11 Feb/fév 2000 (11.02.2000)**

(25) en (26) en

(30) PCT/EP99/03440 **19 May/mai 1999** EP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSMIT DIVERSITY METHOD AND SYSTEM
• PROCEDE ET SYSTEME A DIVERSITE D'EMISSION

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOTTINEN, Ari** [FI/FI]; Nokia Research Center, Itämerenkatu 11-13, FIN-02150 Nokia Group (FI). **WICHMAN, Risto** [FI/FI]; Nokia Research Center, Itämerenkatu 11-13, FIN-02150 Nokia Group (FI).

(74) **PELLMANN, Hans-Bernd** et al. / etc.; Tiedtke-Bühling-Kinne, Bavariaring 4, D-80336 Munich (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 7/08**

(11) **WO 00/72466** (13) A1

(21) PCT/US00/13887

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,755 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WIDE BAND NOISE REDUCTION SYSTEM
• SYSTEME DE REDUCTION DE BRUIT A LARGE BANDE

(71) **TRANSCEPT, INC.** [US/US]; 955 Perimeter Road, Manchester, NH 03103 (US).

(72) **SILVIA, Joseph**; 74 Grafton Drice, Bedford, NH 03110 (US). **GRAVELINE, Stephen, J.**; 14 Chatfield Drive, Litchfield, NH 03052

(US). **FLEBOTTE, Glenn, T.**; 2 Pratt Lane, Merrimack, NH 03054 (US).

(74) **KNEDEISEN, Mark, G.** et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04B 7/185, 7/26**

(11) **WO 00/72467** (13) A1

(21) PCT/GB00/01880

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 99303987.4 **24 May/mai 1999** EP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DATA MULTIPLEXING FOR DIVERSITY OPERATION
• MULTIPLEXAGE DE DONNÉES POUR EXPLOITATION EN DIVERSITÉ

(71) **ICO SERVICES LTD.** [GB/GB]; 1 Queen Caroline Street, London W6 9BN (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MULLINS, Dennis, Roy** [GB/GB]; Kennington Palace Court, Sancroft Street, London SE11 5UL (GB). **GRAYSON, Mark** [GB/GB]; 71 Paxton Road, Chiswick, London W4 2QT (GB).

(74) **VENNER, SHIPLEY & CO.**; 20 Little Britain, London EC1A 7DH (GB).

(81) JP US.

---

(51)[7] **H04B 7/185**

(11) **WO 00/72468** (13) A1

(21) PCT/GB00/01980

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 99304038.5 **25 May/mai 1999** EP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SATELLITE COMMUNICATIONS SYSTEM
• SYSTEME DE COMMUNICATION PAR SATELLITE

(71) **ICO SERVICES LTD** [GB/GB]; 1 Queen Caroline Street, London W6 9BN (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LU, Sze-Ching** [GB/GB]; 113 St. James Road, Sutton, Surrey SM1 2TJ (GB).

(74) **VENNER, SHIPLEY & CO.**; 20 Little Britain, London EC1A 7DH (GB).

(81) JP US.

---

(51)[7] **H04B 7/185**

(11) **WO 00/72469** (13) A1

(21) PCT/IL99/00278

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKET BASED TELEPHONY OVER SATELLITE LINKS
• TELEPHONIE PAR PAQUETS SUR DES LIAISONS SATELLITES

(71) **COMGATES COMMUNICATIONS, LTD.** [IL/IL]; P.O. Box 12114, 46733 Herzelia (IL).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TIROSH, Jacob** [IL/IL]; Hapardes Street 8, 47405 Ramat-Hasharon (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 7/185**

(11) **WO 00/72470** (13) A1

(21) PCT/US00/14247

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,079 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • REAL-TIME SURVEYING/EARTH MOVING SYSTEM
• SYSTEME DE TERRASSEMENT PERMETTANT D'EFFECTUER DES RELEVES EN TEMPS REEL

(71) **CARLSON SOFTWARE, INC.** [US/US]; 102 West Second Street, Maysville, KY 41056 (US).

(72) **CARLSON, R., Bruce**; 390 Edgemont Road, Maysville, KY 41056 (US). **CARLSON, David, S.**; 50 Follen Street #506, Cambridge, MA 02138 (US). **ENTOV, Leonid**; 141 Westminster Avenue, Arlington, MA 02474 (US).

(74) **SAMPSON, Richard, L.** et al. / etc.; Sampson & Associates, P.C., 50 Congress Street, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 7/19**

(11) **WO 00/72471** (13) A1

(21) PCT/US00/13964

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/316,036 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/537,091 **29 Mar/mar 2000** US **(29.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYNCHRONIZATION OF BROADCAST FACILITIES VIA SATELLITE AND/OR MICROWAVE LINK
• SYNCHRONISATION D'INSTALLATIONS DE DIFFUSION PAR SATELLITE ET/OU LIAISON PAR FAISCEAU HERTZIEN

(71, 72) **BRAUN, Warren, L.** [US/US]; 680 New York Avenue, Harrisonburg, VA 22801 (US).

(74) **CURTIS, Marshall, M.**; Whitham, Curtis & Whitham, Suite 900, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).

(81) CA MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04B 7/26**

(11) **WO 00/72472** (13) A1

(21) PCT/FR00/01323

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06344 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR BROADCASTING RADIO SIGNALS FROM A RADIO COMMUNICATION BASE STATION, BASE STATIONS AND MOBILE TERMINALS THEREFOR
• PROCEDE DE DIFFUSION DE SIGNAUX RADIO DEPUIS UNE STATION DE BASE DE RADIOCOMMUNICATION, STATIONS DE BASE ET TERMINAUX MOBILES POUR LA MISE EN OEUVRE D'UN TEL PROCEDE

(71) **MATRA NORTEL COMMUNICATIONS** [FR/FR]; 50, rue du Président Sadate, F-29100 Quimper (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARQUE-PUCHEU, Gérard** [FR/FR]; 8, sente de la Haie Saint-Marc, F-78480 Verneuil sur Seine (FR). **METAIS, Jean-Pierre** [FR/FR]; 226, rue Jacques Durand, F-78370 Plaisir (FR). **LAMBOURG, Michel** [FR/FR]; 1869, avenue Roger Salengro, F-92370 Chaville (FR).

(74) **LOISEL, Bertrand**; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 7/26, H04Q 7/38**

(11) **WO 00/72473** (13) A1

(21) PCT/FR00/01324

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06345 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RADIO COMMUNICATION METHOD BETWEEN A BASE STATION AND MOBILE TERMINALS
• PROCEDE DE RADIOCOMMUNICATION ENTRE UNE STATION DE BASE ET DES TERMINAUX MOBILES

(71) **MATRA NORTEL COMMUNICATIONS** [FR/FR]; 50, rue du Président Sadate, F-29100 Quimper (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARQUE-PUCHEU, Gérard** [FR/FR]; 8, sente de la Haie Saint-Marc, F-78480 Verneuil-sur-Seine (FR). **METAIS, Jean-Pierre** [FR/FR]; 226, rue Jacques Durand, F-78370 Plaisir (FR).

(74) **LOISEL, Bertrand** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 7/26**

(11) **WO 00/72474** (13) A1

(21) PCT/KR00/00524

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 1999/19540 **24 May/mai 1999** KR **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR EXCHANGING VARIABLE-LENGTH DATA ACCORDING TO A RADIO LINK PROTOCOL IN A MOBILE COMMUNICATION SYSTEM
• APPAREIL ET METHODE PERMETTANT D'ECHANGER DES DONNEES DE LONGUEUR VARIABLE CONFORMEMENT A UN PROTOCOLE DE LIAISON RADIO DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).

(72) **CHANG, Hoon**; Dongah Apt. Ga-dong #1110 Taechi 4-dong, Kangnam-gu, Seoul 135-284 (KR). **LEE, Hyun-Seok**; 108-13, Sunae-dong, Puntang-gu, Songnam-shi, Kyonggi-do 463-020 (KR). **KIM, Dae-Gyun**; Kyongnam Apt. #7-905, Kaepo-dong, Kangnam-gu, Seoul 135-240 (KR). **KOO, Chang-Hoi**; Hanshin Apt. #205-1105 Imae-dong, Puntang-gu, Songnam-shi, Kyonggi-do 463-060 (KR).

(74) **LEE, Keon-Joo**; Mihwa Building, 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) AU CA CN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04B 7/26**

(11) **WO 00/72475** (13) A1

(21) PCT/US00/13886

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,753 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMPROVED REVERSE PATH AUTOGAIN CONTROL
• COMMANDE PERFECTIONNEE DE GAIN AUTOMATIQUE DANS UNE VOIE DE RETOUR

(71) **TRANSCEPT, INC.** [US/US]; 955 Perimeter Road, Manchester, NH 03103 (US).

(72) **HEBERT, Thomas, G.**; 33 Winrow Drive, Merrimack, NH 03054 (US). **RIGAZIO, Joseph, L., III**; 746 Back Mountain Road, Goffstown, NH 03045 (US). **LO VERME, Clifford, M.**; 23 Bates Road, Merrimack, NH 03054 (US). **GRAVELINE, Stephen, J.**; 14 Chatfield Drive, Litchfield, NH 03052 (US). **FLEBOTTE, Glenn, T.**; 2 Pratt Lane, Merrimack, NH 03054 (US).

(74) **KNEDEISEN, Mark, G.** et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04B 7/26**

(11) **WO 00/72476** (13) A2

(21) PCT/US00/13888

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,754 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EMBEDDED FORWARD REFERENCE AND CONTROL
• SIGNAUX DE REFERENCE ET DE COMMANDE VERS L'AVANT INTEGRES

(71) **TRANSCEPT, INC.** [US/US]; 955 Perimeter Road, Manchester, NH 03103 (US).

(72) **SILVIA, Joseph**; 74 Grafton Drice, Bedford, NH 03110 (US). **GRAVELINE, Stephen, J.**; 14 Chatfield Drive, Litchfield, NH 03052 (US). **FLEBOTTE, Glenn, T.**; 2 Pratt Lane, Merrimack, NH 03054 (US).

(74) **KNEDEISEN, Mark, G.** et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 10/00, 10/12, 10/14, 10/20**

(11) **WO 00/72477** (13) A1

(21) PCT/US00/10399

(22) **18 Apr/avr 2000 (18.04.2000)**

(25) en (26) en

(30) 09/317,800 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR MULTI-INITIATOR SUPPORT TO STREAMING DEVICES IN A FIBRE CHANNEL NETWORK
• PROCEDE ET SYSTEME POUR SUPPORT A LANCEMENTS MULTIPLES VERS DES DISPOSITIFS FONCTIONNANT EN FLUX CONTINU DANS UN RESEAU DE CANAUX A FIBRE

(71) **CROSSROADS SYSTEMS, INC.** [US/US]; Suite II-300, 9390 Research Boulevard, Austin, TX 78759 (US).

(72) **REYNOLDS, Robert, A.**; 19117 Sotogrande Drive, Pflugerville, TX 78660 (US).

**ARROYO, Keith, M.**; 13226 Kerrville Folkway, Austin, TX 78729 (US).

(74) **HULSEY, William, N., III**; Gray Cary Ware & Freidenrich, 100 Congress Avenue, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 10/00**

(11) **WO 00/72478** (13) A2

(21) PCT/US00/14179

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/316,102 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPACT OPTICAL AMPLIFIER WITH INTEGRATED OPTICAL WAVEGUIDE AND PUMP SOURCE
• AMPLIFICATEUR OPTIQUE COMPACT A SOURCE DE POMPAGE ET GUIDE D'ONDES OPTIQUES INTEGRES

(71) **MOLECULAR OPTOELECTRONICS CORPORATION** [US/US]; 877 25th Street, Watervliet, NY 12189 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAWRENCE, Brian L.** [US/US]; 85 Harvard Road, Watervliet, NY 12189 (US).

(74) **RADIGAN, Kevin P.** et al. / etc.; HESLIN & ROTHENBERG, P.C., 5 Columbia Circle, Albany, NY 12203 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 10/08, 10/18, H04J 14/02**

(11) **WO 00/72479** (13) A1

(21) PCT/US00/13953

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/317,141 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR OPTICAL TRANSMISSION CONTROL USING COMPENSATING CHANNELS
• PROCEDE ET DISPOSITIF DE COMMANDE DE TRANSMISSION OPTIQUE AU MOYEN DE CANAUX DE COMPENSATION

(71) **CORVIS CORPORATION** [US/US]; Intellectual Property Department, 7015 Albert Einstein Drive, Columbia, MD 21046-9400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STEPHENS, Thomas, D.** [AU/US]; Corvis Corporation, 7015 Albert Einstein Drive, Columbia, MD 21046-9400 (US). **KELTY, Mark, A.** [AU/US]; Corvis Corporation, 7015 Albert Einstein Drive, Columbia, MD 21046-9400 (US). **PRICE, Alistair, J.** [AU/US]; Corvis Corporation, 7015 Albert Einstein Drive, Columbia, MD 21046-9400 (US).

(74) **ANTONE, Michael, C.**; Corvis Corporation, 7015 Albert Einstein Drive, Columbia, MD 21046-9400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 10/17**

(11) **WO 00/72480** (13) A2

(21) PCT/US00/11566

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/300,880 **28 Apr/avr 1999** US **(28.04.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIGHT AMPLIFICATION APPARATUS WITH AUTOMATIC MONITORING AND CONTROLS
• APPAREIL D'AMPLIFICATION DE LUMIERE AVEC SURVEILLANCE ET COMMANDES AUTOMATIQUES

(71) **MARCONI COMMUNICATIONS, INC.** [US/US]; 5900 Landerbrook Drive, Cleveland, OH 44124 (US).

(72) **BUABBUD, George, H.**; 1606 Pheasant Lane, South Lake, TX 76092 (US). **ZUHDI, Muneer**; 2912 Riverplace Drive, Arlipcton, TX 76006 (US).

(74) **COCHRAN, David, B.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04B 10/18, 10/155**

(11) **WO 00/72481** (13) A1

(21) PCT/EP00/04211

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 60/135,609 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/343,909 **30 Jun/juin 1999** US **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • OPTICAL COMMUNICATION WITH PRE-COMPENSATION FOR ODD ORDER DISTORTION IN MODULATION AND TRANSMISSION
• COMMUNICATION OPTIQUE A PRECOMPENSATION DES DISTORSIONS D'ORDRE IMPAIRE EN MODULATION ET EMISSION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **SCHEMMANN, Marcel, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MUTALIK, Venkatesh, G.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04B 17/00**

(11) **WO 00/72482** (13) A1

(21) PCT/US00/07033

(22) **16 Mar/mar 2000 (16.03.2000)**

(25) en (26) en

(30) 09/317,512 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DETECTING FAILURES IN A COMMUNICATION DEVICE
• DETECTION DES DEFAILLANCES DANS UN DISPOSITIF DE COMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **JOHNSON, Christopher, L.**; 2614 N. Clybourn, #407, Chicago, IL 60614 (US). **FLONDRO, Daniel, S.**; 3 Washington Street, Algonquin, IL 60102 (US). **SCHMELTZ, Timothy, J.**; 20 South Forest Avenue, Palatine, IL 60067 (US).

(74) **JACOBS, Jeffrey, K.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR CA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04H 1/00**

(11) **WO 00/72483** (13) A1

(21) PCT/JP00/03199

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/138849 **19 May/mai 1999 (19.05.1999)** JP

(30) 11/138850 **19 May/mai 1999 (19.05.1999)** JP

(30) 11/138851 **19 May/mai 1999 (19.05.1999)** JP

(30) 11/138852 **19 May/mai 1999 (19.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BROADCASTING APPARATUS AND METHOD, RECEIVING APPARATUS AND METHOD, AND MEDIUM
• APPAREIL ET PROCEDE DE DIFFUSION, APPAREIL ET PROCEDE DE RECEPTION, ET SUPPORT

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-001 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAMADA, Ichiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **NAGANO, Susumu** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **TSUTSUI, Shintaro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04H 9/00**

(11) **WO 00/72484** (13) A1

(21) PCT/US00/07572

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) en (26) en

(30) 09/315,286 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIEWER IDENTIFICATION APPARATUS FOR USE IN A BROADCAST AUDIENCE MEASUREMENT
• APPAREIL D'IDENTIFICATION DE TELESPECTATEUR, A UTILISER DANS LA MESURE DE L'AUDIMAT

(71) **NIELSEN MEDIA RESEARCH, INC.** [US/US]; 150 N. Martingale Road, Schaumburg, IL 60173-2076 (US).

(72) **LU, Daozheng**; 1903 Dunloe Circle, Dunedin, FL 34698 (US). **COOK, Barry**; 66 Brushy Ridge Road, New Canaan, CT 06840 (US).

(74) **JOIKE, Trevor, B.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606 (US).

(81) AU CA CN JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04J 3/00**

(11) **WO 00/72485** (13) A1

(21) PCT/US00/11678

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/315,465 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR ROUTING PACKET DATA IN A COMMUNICATIONS SYSTEM
• PROCEDE ET APPAREIL PERMETTANT D'ACHEMINER DES PAQUETS DE DONNEES DANS UN SYSTEME DE COMMUNICATION

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SAUER, John, M.**; 1066 Augustana Drive, Naperville, IL 60565 (US). **STEINBERG, Paul, Daniel**; 1200 Keim Trail, Bartlett, IL 60103 (US).

(74) **TERRY, L., Bruce**; Motorola, Inc., Legal Department, Mail Stop E230, 5401 North Beach Street, Fort Worth, TX 76114 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04J 3/24, 3/18**

(11) **WO 00/72486** (13) A1

(21) PCT/US00/10524

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) en (26) en

(30) 09/314,908 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR RETRANSMITTING A DATA PACKET IN A PACKET NETWORK
• PROCEDE DE RETRANSMISSION DE PAQUETS DE DONNEES DANS UN RESEAU PAR PAQUETS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **PAZHYANNUR, Rajesh, S.**; 1348 Geneva Drive, Palatine, IL 60067 (US). **ALI, Irfan**; 1636 Ferndale Avenue, Northbrook, IL 60062 (US).

(74) **HAAS, Kenneth, A.** et al. / etc.; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04J 3/24**

(11) **WO 00/72487** (13) A1

(21) PCT/US00/14226

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,664 **24 May/mai 1999 (24.05.1999)** US

(30) 60/154,150 **15 Sep/sep 1999 (15.09.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • QUALITY OF SERVICE IN RELIABLE DATAGRAM
• QUALITE DE SERVICE FIABLE DE DATAGRAMMES

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRAUSE, Michael** [US/US]; 17523 Bear Creek Road, Boulder Creek, CA 95006 (US). **WORLEY, Fred, B.** [US/US]; 750 Harvard Avenue #1, Santa Clara, CA 95051 (US). **IYER, Shankar, G.** [IN/US]; 10551 Cypress Court, Cupertino, CA 95016 (US).

(74) **PLETTNER, David**; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, 3404 E. Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[6] **H04J 11/00, 1/00, H04M 11/06, 3/00, H04B 3/10**

(11) **WO 00/72488** (13) A1

(21) PCT/JP99/02673

(22) **21 May/mai 1999 (21.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIGITAL SUBSCRIBER'S LINE TRANSMITTING METHOD AND DEVICE
• PROCEDE ET DISPOSITIF DE LIGNE DE TRANSMISSION NUMERIQUE D'ABONNE

(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) **HASEGAWA, Kazutomo** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **ASAHINA, Hidetake** [JP/JP]; Fujitsu Digital Technology Limited, 3-9, Shin-Yokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). **MIYOSHI, Seiji** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **KOIZUMI, Nobukazu** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **AWATA, Yutaka** [JP/JP]; Fujitsu Digital Technology Limited, 3-9, Shin-Yokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(74) **SAITO, Chimoto**; Saito Patent Office, Koei-Palace 202, 14-10, Makuharihongo 1-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04J 13/00, 15/00, H04Q 11/00, 11/04**

(11) **WO 00/72489** (13) A1

(21) PCT/US00/10525

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) en (26) en

(30) 09/315,277 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR CHANGING COMMUNICATION IN A COMMUNICATION SYSTEM, AND COMMUNICATION SYSTEM THEREFOR
• PROCEDE PERMETTANT DE MODIFIER UNE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION ET SYSTEME DE COMMUNICATION A CET EFFET

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SPEAR, Stephen, Lee**; 25 Williamsburg Terrace, Skokie, IL 60203 (US).

(74) **HAAS, Kenneth, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04J 14/02**

(11) **WO 00/72490** (13) A1

(21) PCT/US00/13816

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,624 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/142,416 **5 Oct/oct 1999** US **(05.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHODS FOR MAINTAINING BALANCED COMMUNICATION CHANNELS WITH INCREASING SERVICE DEMANDS
• DISPOSITIFS ET PROCEDES POUR LE MAINTIEN DE VOIES DE COMMUNICATION EQUILIBREES FACE A UNE AUGMENTATION DE LA DEMANDE DE SERVICE

(71) **MARCONI COMMUNICATIONS, INC.** [US/US]; 5900 Landerbrook Drive, Cleveland, OH 44124 (US).

(72) **BUABBUD, George, H.**; 1606 Pheasant Lane, Southlake, TX 76052 (US).

(74) **COCHRAN, David, B.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04J 14/02**

(11) **WO 00/72491** (13) A2

(21) PCT/US00/14567

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,909 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR INCREASING A NUMBER OF INFORMATION CHANNELS CARRIED BY OPTICAL WAVEGUIDES
• PROCEDE ET SYSTEME PERMETTANT D'AUGMENTER LE NOMBRE DE CANAUX D'INFORMATION DES GUIDES D'ONDES OPTIQUES

(71) **CIRREX CORP.** [US/US]; Suite N-205, 430 Tenth Street, N.W., Atlanta, GA 30318 (US).

(72) **MEDIN, Michael, W.**; 8585 Steeplechase Drive, Roswell, GA 30076 (US). **WACH, Michael, L.**; 914 Collier Road, N.W. #6005, Atlanta, GA 30318 (US).

(74) **WIGMORE, Steven, P.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04J 14/06, 14/02, H04B 10/00**

(11) **WO 00/72492** (13) A1

(21) PCT/US00/13930

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,313 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • POLARIZATION-DIVISION MULTIPLEXING BASED ON POWER ENCODING OF DIFFERENT POLARIZATION CHANNELS
• MULTIPLEXAGE PAR REPARTITION DE POLARISATIONS FONDE SUR LA PUISSANCE DE CODAGE DES DIFFERENTS CANAUX DE POLARISATION

(63) US 60/135,313 (CIP)
20 May/mai 1999 (20.05.1999)

(71) **UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; University Park, Suite 313, 3716 South Hope Street, Los Angeles, CA 90007 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAYEE, M., Imran** [PK/US]; 1445 Rustic Drive, #15, Ocean, NJ 07712 (US). **CARDAKLI, Mustafa, C.** [TR/US]; 1532 S. St. Andrews Place, #105, Los Angeles, CA 90019 (US). **WILLNER, Alan, E.** [US/US]; 9326 Sawyer Street, Los Angeles, CA 90035 (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04K 1/10, H04L 1/02**

(11) **WO 00/72493** (13) A1

(21) PCT/US00/14278

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,938 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR CONTINUOUS CROSS-CHANNEL INTERLEAVING
• PROCEDE ET DISPOSITIF D'ENTRELACEMENT CONTINU DE CANAUX

(71) **XM SATELLITE RADIO INC.** [US/US]; 1250 23rd Street, N.W., Suite 57, Washington, DC 20037 (US).

(72) **MARKO, Paul**; 6320 S.W., 6th Street, Pembroke Pines, FL 33023 (US). **WADIN, Craig**;

11015 N.W., 27 Street, Sunrise, FL 33322 (US). **TITLEBAUM, Joseph**; 5422 Moorland Lane, Bethesda, MD 20814 (US).

(74) **LONGANECKER, Stacey** et al. / etc.; Roylance, Abrams, Berdo & Goodman L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L**

(11) **WO 00/72494** (13) A2

(21) PCT/US00/13533

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,332 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/377,129 **19 Aug/août 1999** US **(19.08.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SIGNAL CAPTURE AND DISTRIBUTION SYSTEM
• SYSTEME DE SAISIE ET DE DIFFUSION DE SIGNAUX

(63) US 60/135,332 (CIP) 20 May/mai 1999 (20.05.1999)
US 09/377,129 (CIP) 19 Aug/août 1999 (19.08.1999)

(71) **AVID SPORTS LLC** [US/US]; 55 Technology Drive, Lowell, MA 01851 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRANDIN, David, J.** [US/US]; 8 Crestwood Lane, Nashua, NH 03062 (US). **BARKLEY, John, L.** [US/US]; 4 Paradise Lane, Hudson, NH 03051 (US). **GLOVER, David, A.** [US/US]; 3 Plum Drive, Nashua, NH 03062 (US).

(74) **ROHLICEK, J., Robin** et al. / etc.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L**

(11) **WO 00/72495** (13) A2

(21) PCT/US00/08227

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,308 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/136,230 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RETRANSMISSION PROCEDURE AND APPARATUS FOR HANDSHAKING PROTOCOL
• APPAREIL ET PROCEDURE DE RETRANSMISSION POUR PROTOCOLE DE TRANSFERT

(71) **MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.** [JP/JP]; 2-3-8 Shimomeguro, Meguro-ku, Tokyo, Tokyo 153 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PALM, Stephen** [US/US]; 773 Cascade Dr., Sunnyvale, CA 94087-3157 (US).

(74) **PAPERNER, Leslie, J.**; Greenblum & Bernstein, P.L.C., 1941 Roland Clarke Place, Reston, VA 20191 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 1/00**

(11) **WO 00/72496** (13) A1

(21) PCT/GB00/01889

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 9911777.2 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADAPTIVE JOINT-DETECTION CDMA VIDEO TRANSCEIVER
• EMETTEUR-RECEPTEUR VIDEO AMCR A DETECTION CONJOINTE ADAPTATIVE

(71) **UNIVERSITY OF SOUTHAMPTON** [GB/GB]; Highfield, Southampton SO17 1BJ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HANZO, Lajos** [HU/GB]; 3 High Crown Mews, Southampton SO17 1PT (GB). **CHERRIMAN, Peter, John** [GB/GB]; 429 Burgess Road, Southampton SO16 3BL (GB). **KUAN, Ee-Lin** [MY/GB]; 17 Twyford House, 15 Hulse Road, Southampton SO15 2PY (GB).

(74) **HAINES, Miles, John**; D Young & Co, 21 New Fetter Lane, London EC3A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 1/00, 27/233**

(11) **WO 00/72497** (13) A1

(21) PCT/US00/12112

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 09/317,782 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD FOR INTERACTIVE DEMODULATION AND DECODING FOR A SYSTEM WITH CODING AND DIFFERENTIAL DEMODULATION
• DEMODULATION INTERACTIVE ET DECODAGE POUR SYSTEME A CODAGE ET DEMODULATION DIFFERENTIELLE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).

(72) **HUI, Dennis**; 2407 Highstone Road, Cary, NC 27513 (US). **KHAYRALLAH, Ali, S.**; 113 Streamview Drive, Apex, NC 27502 (US).

(74) **MONCO, Dean, A.**; Wood, Phillips, VanSanten, Clark & Mortimer, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 1/18, 1/16**

(11) **WO 00/72498** (13) A1

(21) PCT/US00/13756

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,541 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LIMITED AUTOMATIC REPEAT REQUEST PROTOCOL FOR FRAME-BASED COMMUNICATION CHANNELS
• PROTOCOLE DE DEMANDE DE REPETITION AUTOMATIQUE LIMITEE POUR VOIES DE COMMUNICATION BASEES SUR DES TRAMES

(71) **BROADCOM HOMENETWORKING, INC.** [US/US]; 870 West Maude Avenue, Sunnyvale, CA 94086 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MALLORY, Tracy, D.** [US/US]; 4026 Ben Lomond Drive, Palo Alto, CA 94306 (US).

(74) **PACIULAN, Richard, J.**; Christie, Parker & Hale LLP, 350 W. Colorado Boulevard, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 9/00, 12/24**

(11) **WO 00/72499** (13) A1

(21) PCT/AU00/00540

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NETWORK PRINTER REGISTRATION PROTOCOL
• PROTOCOLE D'ENREGISTREMENT D'UNE IMPRIMANTE DANS UN RESEAU

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 9/00**

(11) **WO 00/72500** (13) A2

(21) PCT/US00/13876

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,175 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INFORMATION ENCRYPTION SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CHIFFREMENT D'INFORMATIONS

(71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; One StorageTek Drive, MS-4309, Louisville, CO 80028-4309 (US).

(72) **MCCOWN, Steven, H.**; 12085 Wheeling Street, Brighton, CO 80601 (US). **NGUYEN, Thai**; 2638 East 102nd Avenue, Thornton, CO 80229 (US). **LEONHARDT, Michael, L.**; 4076 Driver Court, Longmont, CO 80503 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 9/08, 9/32**

(11) **WO 00/72501** (13) A1

(21) PCT/EP99/05406

(22) **28 Jul/juil 1999 (28.07.1999)**

(25) de (26) de

(30) 199 23 590.2 **22 May/mai 1999** DE **(22.05.1999)**

(30) 199 24 726.9 **31 May/mai 1999** DE **(31.05.1999)**

(30) 199 29 601.4 **28 Jun/juin 1999** DE **(28.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRONIC TRANSMISSION AND AUTHENTICATION OF TEXTS
• TRANSMISSION ET AUTHENTIFICATION AUTOMATIQUES DE TEXTES

(71) **SC-INFO+INNO GMBH+CO.** [DE/DE]; Frühlingstrasse 10, D-83620 Feldkirchen/W. (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BENZLER, Hartwig** [DE/DE]; Frühlingstrasse 10, D-83620 Feldkirchen/W. (DE).

(74) **SC-INFO+INNO GMBH+CO.**; Frühlingstrasse 10, D-83620 Feldkirchen/W. (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 9/08, 9/32**

(11) **WO 00/72502** (13) A1

(21) PCT/EP00/03512

(22) **18 Apr/avr 2000 (18.04.2000)**

(25) de (26) de

(30) 199 23 590.2 **22 May/mai 1999** DE **(22.05.1999)**

(30) 199 24 726.9 **31 May/mai 1999** DE **(31.05.1999)**

(30) 199 29 601.4 **28 Jun/juin 1999** DE **(28.06.1999)**

(30) 199 42 082.3 **3 Sep/sep 1999** DE **(03.09.1999)**

(30) 199 44 595.8 **16 Sep/sep 1999** DE **(16.09.1999)**

(30) 199 46 004.3 **25 Sep/sep 1999** DE **(25.09.1999)**

(30) 100 10 365.0 **7 Mar/mar 2000** DE **(07.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR VERIFYING THE INTEGRITY AND AUTHORSHIP OF, AND ENCODING AND DECODING TEXTS
• PROCEDE DE VERIFICATION DE L'INTEGRITE ET DE L'AUTEUR DE TEXTES ET DE CODAGE ET DECODAGE DE CES TEXTES

(71) **SC-INFO+INNO GMBH+CO.** [DE/DE]; Frühlingstrasse 10, D-83620 Feldkirchen/W. (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BENZLER, Hartwig** [DE/DE]; Frühlingstrasse 10, D-83620 Feldkirchen/W. (DE).

(74) **SC-INFO+INNO GMBH+CO.**; Frühlingstrasse 10, D-83620 Feldkirchen/W. (DE).

(81) BR CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 9/30**

(11) **WO 00/72503** (13) A1

(21) PCT/AU00/00543

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(30) PQ 5829 **24 Feb/fév 2000** AU **(24.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERACTIVE DEVICE NETWORK REGISTRATION PROTOCOL
• PROTOCOLE D'ENREGISTREMENT RESEAU DE DISPOSITIF INTERACTIF

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd,

393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 9/30, 9/08**

(11) **WO 00/72504** (13) A1

(21) PCT/GB00/01950

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 9911986.9 **25 May/mai 1999** GB **(25.05.1999)**

(30) 9913601.2 **12 Jun/juin 1999** GB **(12.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRIVATE KEY RECOVERY
• EXTRACTION DE CLE PRIVEE

(71) **nCIPHER CORPORATION LIMITED** [GB/GB]; Jupiter House, Station Road, Cambridge CB1 2JD (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HARVEY, Ian** [GB/GB]; nCipher Corporation Limited, Jupiter House, Station Road, Cambridge CB1 2JD (GB). **VAN SOMEREN, Nicko** [GB/GB]; nCipher Corporation Limited, Jupiter House, Station Road, Cambridge CB1 2JD (GB).

(74) **HALLAM, Arnold, Vincent**; 144 New Walk, Leicester LE1 7JA (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 9/32, G06F 3/12**

(11) **WO 00/72505** (13) A1

(21) PCT/AU00/00541

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999** AU **(25.05.1999)**

(30) PQ 1313 **30 Jun/juin 1999** AU **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NETWORK PUBLISHING AUTHORIZATION PROTOCOL
• PROTOCOLE D'AUTORISATION DE PUBLIER POUR RESEAU

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, NSW 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 9/32**

(11) **WO 00/72506** (13) A1

(21) PCT/GB00/01940

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/316,805 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/316,804 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/316,686 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR INITIALIZING SECURE COMMUNICATIONS AMONG, AND FOR EXCLUSIVELY PAIRING WIRELESS DEVICES
• PROCEDE ET APPAREIL PERMETTANT D'INITIALISER DES COMMUNICATIONS PROTEGEES ENTRE DES DISPOSITIFS HERTZIENS APPARIES ET EXCLUSIVEMENT ENTRE CEUX-CI

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
*(only for / seulement pour MC)*

(72) **HIND, John, Raithel**; 5408 Harrington Grove Drive, Raleigh, NC 27613 (US). **PETERS, Marcia, Lambert**; 712 Lochgarton Lane, Raleigh, NC 27614 (US).

(74) **LING, Christopher, John**; IBM United Kingdom Limited, Intellectual Property Law Dept., Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 9/32**

(11) **WO 00/72507** (13) A1

(21) PCT/NO00/00159

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 19992441 **20 May/mai 1999** NO **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR VERIFYING A SENSOR IDENTITY
• PROCEDE ET SYSTEME POUR VERIFIER L'IDENTITE D'UN DETECTEUR

(71) **IDEX A.S** [NO/NO]; Vollenveien 184, N-1380 Heggedal (NO).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MATHIASSEN, Svein** [NO/NO]; Homannsbyveien 4, N-1389 Heggedal (NO). **MATHIASSEN, Stig** [NO/NO]; Sørligata 40 A, N-0577 Oslo (NO).

(74) **ABC-PATENT, SIVILING. ROLF CHR. B. LARSEN A.S**; Brynsveien 5, N-0667 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 9/32**

(11) **WO 00/72508** (13) A1

(21) PCT/US00/14313

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,139 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR HIGH ASSURANCE SEPARATION OF INTERNAL AND EXTERNAL NETWORKS

- SYSTEME ET PROCEDE DE SEPARATION HAUTE SECURITE DE RESEAUX EXTERNES ET INTERNES

(71) **ENGINEERING SYSTEMS SOLUTIONS, INC.** [US/US]; 5726 Industry Lane, Frederick, MD 21704 (US).

(72) **JAYANTHINATHAN, Vishnampet, S.**; 5216 Ernie Lane, Frederick, MD 21702 (US). **MAHONEY, James, F.**; 12472 Sweet Leaf Terrace, Fairfax, VA 22033 (US). **DURBIN, Glenn, H.**; 111 Indian Plantation Drive, Stevensville, MD 21666 (US).

(74) **BEAUMONT, William, E.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/00**

(11) **WO 00/72509** (13) A2

(21) PCT/US00/14544

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,006 **26 May/mai 1999** US **(26.05.1999)**

(30) 60/139,649 **17 Jun/juin 1999** US **(17.06.1999)**

(30) 60/153,347 **10 Sep/sep 1999** US **(10.09.1999)**

(30) 60/188,486 **10 Mar/mar 2000** US **(10.03.2000)**

(30) 60/188,489 **10 Mar/mar 2000** US **(10.03.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMMUNICATION MANAGEMENT SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE GESTION DE COMMUNICATION

(71) **BIGBAND NETWORKS, INC.** [US/US]; 3 Waters Park, Suite 213, San Mateo, CA 94403 (US).

(72) **OZ, Ran, Menachem**; Nahal Gaaton Street 27, 71700 Modiin (IL). **STRASMAN, Nery**; Maale Hatsofim Street 33, 52488 Ramat Gan (IL). **BASSAN-ESKENAZI, Amir**; 2820 Juniper Street, San Mateo, CA 94403 (US). **YRUSKI, Andrey**; Wingate Street 38, Herzclia Pituach (IL). **GOLAN, Oded**; Moyal Street 4, Tel Aviv (IL).

(74) **TOSTI, Robert, J.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 12/24, G06F 17/30**

(11) **WO 00/72510** (13) A1

(21) PCT/FR00/01327

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06356 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR ACCESSING, IN A COMPUTER SYSTEM, OBJECTS OF A CONTAINMENT TREE
- PROCEDE D'ACCES, DANS UN SYSTEME INFORMATIQUE, A DES OBJETS D'UN ARBRE DE CONTENANCE

(71) **BULL S.A.** [FR/FR]; 68, route de Versailles, F-78430 Louveciennes (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUDRY, Philippe** [FR/FR]; 20, boulevard de l'Hôpital Stell, F-92500 Rueil Malmaison (FR).

(74) **GUILLERM, Patrice**; Bull S.A., 68, route de Versailles (P.C.: 58D20), F-78434 Louveciennes Cedex (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 12/24, G06F 17/30**

(11) **WO 00/72511** (13) A1

(21) PCT/FR00/01328

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06357 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR HANDLING, IN A COMPUTER SYSTEM, OBJECTS OF A CONTAINMENT TREE
- PROCEDE DE MANIPULATION, DANS UN SYSTEME INFORMATIQUE, D'OBJETS D'UN ARBRE DE CONTENANCE

(71) **BULL S.A.** [FR/FR]; 68, route de Versailles, F-78430 Louveciennes (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUDRY, Philippe** [FR/FR]; 20, boulevard de l'Hôpital Stell, F-92500 Rueil Malmaison (FR).

(74) **GUILLERM, Patrice**; Bull S.A., 68, route de Versailles, (P.C.: 58D20), F-78434 Louveciennes Cedex (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 12/24, G06F 17/30**

(11) **WO 00/72512** (13) A1

(21) PCT/FR00/01329

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06355 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR MANAGING, IN A COMPUTER SYSTEM, REQUESTS IN A CONTAINMENT TREE
- PROCEDE DE GESTION, DANS UN SYSTEME INFORMATIQUE, DE REQUETES DANS UN ARBRE DE CONTENANCE

(71) **BULL S.A.** [FR/FR]; 68, route de Versailles, F-78430 Louveciennes (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUDRY, Philippe** [FR/FR]; 20, boulevard de l'Hôpital Stell, F-92500 Rueil Malmaison (FR).

(74) **GUILLERM, Patrice**; Bull S.A., 68, route de Versailles, (P.C.: 58D20), F-78434 Louveciennes Cedex (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 12/24, 12/46**

(11) **WO 00/72513** (13) A1

(21) PCT/SE00/00815

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/316,737 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SCALABLE COMPONENT CLUSTERING FOR EVENT MANAGEMENT NETWORKS
- GROUPEMENT DE COMPOSANTS EXTENSIBLE POUR RESEAUX DE GESTION D'EVENEMENTS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (Publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **TSE, Edwin**; 4976 Jean Brillant, Montreal, Quebec H3W 1T7 (CA). **GOSSELIN, Nicolas**; 110 Du Blainvillier, Blainville, Quebec J7C 4Y1 (CA). **KELLEDY, Fergus**; 10 Oriel Terrace, Demense Road, Dundalk, Co., Louth (IE).

(74) **NORIN, Klas**; Ericsson Radio Systems AB, Common Patent Department, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF

BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/24**

(11) **WO 00/72514** (13) A1

(21) PCT/SE00/00816

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 09/316,926 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR DISPLAYING INFORMATION IN A FAULT MANAGEMENT SYSTEM
• PROCEDE ET APPAREIL D'AFFICHAGE D'INFORMATIONS DANS UN SYSTEME DE GESTION DES INCIDENTS

(71) **TELEFONAKTIEBOLAGET L M ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **TSE, Edwin**; 4976 Jean Brillant, Montreal, Quebec H3W 1T7 (CA). **GOSSELIN, Nicolas**; 110 du Blainvillier, Blainville, Quebec J7C 4Y1 (CA).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Department, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 12/24, 12/44**

(11) **WO 00/72515** (13) A1

(21) PCT/US00/14819

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,038 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • NETWORK HUB BROADCASTING NETWORK STATUS INFORMATION TO A MONITORING DEVICE
• INFORMATIONS RELATIVES A L'ETAT D'UN RESEAU DE DIFFUSION A NOEUD CENTRAL DESTINEES A UN DISPOSITIF DE CONTROLE

(71) **BROADCOM CORPORATION** [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CRAYFORD, Ian** [GB/US]; 18807 Hilltop Way, Saratoga, CA 95070 (US). **RUNALDUE, Thomas, J.** [US/US]; 3701 Blackford Avenue, San Jose, CA 95117 (US).

(74) **O'ROURKE, John, F.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7608 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/26**

(11) **WO 00/72516** (13) A1

(21) PCT/US00/06030

(22) **8 Mar/mar 2000 (08.03.2000)**

(25) en (26) en

(30) 09/315,314 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMMUNICATION NETWORK METHOD AND APPARATUS
• PROCEDE ET SYSTEME POUR RESEAU DE COMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **PASHTAN, Ariel**; 891 Providence Lane, Buffalo Grove, IL 60089 (US). **LISS, Raymond, M.**; 745 Stonehedge Road, St. Charles, IL 60174 (US).

(74) **BELADI, Sayed, Hossein** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 12/28, 29/06**

(11) **WO 00/72517** (13) A1

(21) PCT/CA00/00133

(22) **15 Feb/fév 2000 (15.02.2000)**

(25) en (26) en

(30) 2,272,590 **21 May/mai 1999** CA **(21.05.1999)**

(30) 2,277,373 **9 Jul/juil 1999** CA **(09.07.1999)**

(30) 2,280,662 **2 Sep/sep 1999** CA **(02.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR STREAMING MEDIA OVER AN INTERNET PROTOCOL SYSTEM
• UTILISATION EN CONTINU DE SUPPORTS VIA UN SYSTEME EN PROTOCOLE INTERNET ET SYSTEME A CET EFFET

(71) **EDGE NETWORKS CORPORATION** [CA/CA]; 2620 - One Lombard Place, Winnipeg, Manitoba R3B 0X5 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TOTH, Joe** [CA/CA]; #406-181 Quail-Ridge Road, Winnipeg, Manitoba R2Y 2G6 (CA). **SCHELLENBERG, James** [CA/CA]; 99 River Pointe Drive, Winnipeg, Manitoba R2M 5N7 (CA). **GRAVES, David** [CA/CA]; 617 Park Blvd. East, Winnipeg, Manitoba R3P 0T7 (CA).

(74) **PILLAY, Kevin** et al. / etc.; Fasken Martineau DuMoulin LLP, 4200 Toronto Dominion Bank Tower, Box 20, Toronto Dominion Centre, Toronto, Ontario M5K 1H6 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 12/28, H04Q 7/22**

(11) **WO 00/72518** (13) A1

(21) PCT/EP99/03517

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PACKET DATA TRANSMISSION IN THIRD GENERATION MOBILE SYSTEM
• TRANSMISSION DE DONNEES PAR PAQUETS DANS UN SYSTEME MOBILE DE TROISIEME GENERATION

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PUUSKARI, Mikko** [FI/FI]; Angervotie 5 C 35, FIN-00320 Helsinki (FI). **HURTTA, Tuija** [FI/FI]; Kiskottajankuja 4 D 49, FIN-02660 Espoo (FI). **KALLIOKULJU, Juha** [FI/FI]; Jokioistentie 5, FIN-37470 Vesilahti (FI). **MÄKELÄ, Tero** [FI/FI]; Seljatie 1 A 14, FIN-00320 Helsinki (FI).

(74) **PELLMANN, Hans-Bernd** et al. / etc.; Tiedtke-Bühling-Kinne, Bavariaring 4, D-80336 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 12/28**

(11) **WO 00/72519** (13) A1

(21) PCT/JP00/03231

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/138961 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMMUNICATION METHOD, COMMUNICATION DEVICE, AND COMMUNICATION SYSTEM
• PROCEDE, DISPOSITIF ET SYSTEME DE COMMUNICATIONS

(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) **IIJIMA, Yuko** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 12/28, H04Q 7/22**

(11) **WO 00/72520** (13) A1

(21) PCT/US00/14234

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/320,482 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR DATA TRANSMISSION TO A REMOTE COMMUNICATION DEVICE
• PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES A UN DISPOSITIF DE COMMUNICATION A DISTANCE

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **ALLDREDGE, Lawrence, G.**; Apartment 1, 1219 Coast Boulevard, La Jolla, CA 92037 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/40, H04N 7/173**

(11) **WO 00/72521** (13) A1

(21) PCT/JP00/03331

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/144021 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/260625 **14 Sep/sep 1999** JP **(14.09.1999)**

(30) 11/345354 **3 Dec/déc 1999** JP **(03.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS DATA TRANSMISSION METHOD, TRANSMISSION DEVICE, AND TRANSMISSION SYSTEM
• PROCEDE DE TRANSMISSION DE DONNEES D'APPAREILS, DISPOSITIF DE TRANSMISSION ET SYSTEME DE TRANSMISSION

(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) **SATO, Makoto** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SATO, Naoyuki** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HORIGUCHI, Mari** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SHIMA, Hisato** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 12/42, H04J 3/08**

(11) **WO 00/72522** (13) A1

(21) PCT/US00/13474

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/353,296 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • UNDERSEA TRUNK-AND-BRANCH LOGICAL RING NETWORKS
• RESEAUX EN ANNEAU LOGIQUE A LIGNE PRINCIPALE ET RAMIFICATIONS POUR INSTALLATION SOUS-MARINE

(71) **TYCO SUBMARINE SYSTEMS, LTD.** [US/US]; 250 Industrial Way West, Eatontown, NJ 07724 (US).

(72) **GOLDSTEIN, Evan, L.**; 720 Prospect Ave., Princeton, NJ 08540 (US). **TRISCHITTA, Patrick**; 56 Line Rd., Holmdel, NJ 07733 (US).

(74) **DAISAK, Daniel, N.**; Chief Patent and Trademark Counsel, Tyco Submarine Systems, Ltd., 250 Industrial Way West, Eatontown, NJ 07724 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 12/44**

(11) **WO 00/72523** (13) A1

(21) PCT/US99/29118

(22) **7 Dec/déc 1999 (07.12.1999)**

(25) en (26) en

(30) 09/317,151 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR TRUNKING MULTIPLE PORTS IN A NETWORK SWITCH
• PROCEDE ET APPAREIL D'ETABLISSEMENT DE LIAISONS ENTRE PLUSIEURS PORTS DANS UN COMMUTATEUR DE RESEAU

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; Mail Stop 68, One AMD Place, Sunnyvale, CA 94088-3453 (US).

(72) **MERCHANT, Shashank**; 1063 Morse Avenue #11-305, Sunnyvale, CA 94089 (US). **WILLIAMS, Robert**; 22255 Canyon View Circle, Cupertino, CA 95014 (US). **CHIANG, John, M.**; 1975 Nutmeg Court, San Jose, CA (US).

(74) **ZAHRT, William, D., II**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 12/44**

(11) **WO 00/72524** (13) A1

(21) PCT/US99/30160

(22) **17 Dec/déc 1999 (17.12.1999)**

(25) en (26) en

(30) 09/317,156 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR PROGRAMMABLE MEMORY ACCESS SLOT ASSIGNMENT
• APPAREIL ET PROCEDE D'ATTRIBUTION PROGRAMMABLE D'EMPLACEMENTS D'ACCES MEMOIRE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; Mail Stop 68, One AMD Place, Sunnyvale, CA 94088-3453 (US).

(72) **YU, Ching**; 2952 Gala Court, Santa Clara, CA 95051 (US). **ZHUANG, Xiaohua**; 95 Rodonovan Drive, Santa Clara, CA 95051 (US). **ERIMLI, Bahadir**; 2249 Wren Way, Campbell, CA 95008 (US). **CHIANG, John, M.**; 1975 Nutmeg Court, San Jose, CA 95131 (US). **MERCHANT, Shashank**; 1063 Morse Avenue #11-305, Sunnyvale, CA 94089 (US). **WILLIAMS, Robert**; 22255 Canyon View Circle, Cupertino, CA 95014 (US). **YANG, Edward**; 398 Boynton Avenue #20, San Jos, CA 95117 (US). **EGBERT, Chandan**; 3632 Bloomsbury Way, San Jose, CA 95132 (US). **NANDAKUMAR, Vallath**; 1350 Ridgeley Drive, Campbell, CA 95008 (US). **LAM, Ian**; 15 Poncetta Drive #210, Daly City, CA 94015 (US). **LEUNG, Eric, Tsin-Ho**; 1295 Starglo Place, San Jose, CA 95131 (US).

(74) **ZAHRT, William, D., II**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 12/50, 12/28, H04M 3/00**

(11) **WO 00/72525** (13) A1

(21) PCT/US00/11758

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/315,653 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR NETWORK SERVICE NEGOTIATION IN A TELECOMMUNICATIONS SYSTEM
• PROCEDE ET SYSTEME PERMETTANT DE NEGOCIER DES SERVICES DE RESEAU DANS UN SYSTEME DE TELECOMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MOORE, Brian, Jack**; 718 Bon Aire Drive, Palatine, IL 60067 (US). **JEANES, Timothy, Marvin**; 1543 Silver Lane #2A, Palatine, IL 60067 (US). **WANG, Rong**; 1623 Eagle Grove Court, Wheeling, IL 60090 (US). **ROBERTS, Phil**; 1066 Augustana Drive, Naperville, IL 60565 (US). **STEINBERG, Paul, Daniel**; 1200 Keim Trail, Bartlett, IL 60103 (US). **JAYAPALAN, Jay**; 1215 Brandywyn Lane, Buffalo Grove, IL 60089 (US).

(74) **TERRY, L., Bruce**; Motorola Inc., Legal Dept., Mail Stop E230, 5401 North Beach Street, Fort Worth, TX 76114 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 12/52, H04J 3/16**

(11) **WO 00/72526** (13) A1

(21) PCT/FI00/00462

(22) **23 May/mai 2000 (23.05.2000)**

(25) fi (26) en

(30) 991174 **24 May/mai 1999** FI **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND ARRANGEMENT FOR ENHANCING THE HANDLING OF TTI IDENTIFIER
• PROCEDE ET DISPOSITIF PERMETTANT D'AMELIORER LE TRAITEMENT D'IDENTIFICATEURS TTI

(71) **NOKIA NETWORKS OY** [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SIHVOLA, Tuomo** [FI/FI]; Lähderannantie 17 D, FIN-02720 Espoo (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/56**

(11) **WO 00/72527** (13) A1

(21) PCT/DE00/01591

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 23 245.8 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR SELECTING A ROUTE IN A COMMUNICATIONS NETWORK
• PROCEDE POUR LA SELECTION D'UNE ROUTE DANS UN RESEAU DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEISKE, Harald** [DE/DE]; Frickingerstrasse 1, D-86150 Augsburg (DE). **MERSCH, Norbert** [DE/DE]; Filchnerstrasse 9, D-81476 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) AU CA NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/56, 12/24, G06F 9/445**

(11) **WO 00/72528** (13) A1

(21) PCT/IB00/00401

(22) **3 Apr/avr 2000 (03.04.2000)**

(25) en (26) en

(30) 09/316,905 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ROUTING DATA TRAFFIC
• ROUTAGE DE TRAFIC DE DONNEES

(71) **NEXABIT NETWORKS, INC.** [US/US]; 200 Nickerson Road, Marlboro, MA 01752 (US).

(72) **SHRODER, Kenneth, J.**; 115 Bishops Forest Drive, Waltham, MA 01545 (US). **MCGUIRE, Glenn**; 30 Royal Crest Drive, Marlborough, MA 01752 (US). **OPALKA, Zbigniew**; 25 Quarry Lane, Harvard, MA 01451 (US).

(74) **RINES, Robert, H.**; MacLeod Allsop, Bledington Grounds, Bledington, Gloucestershire OX7 6XL (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[6] **H04L 12/56**

(11) **WO 00/72529** (13) A1

(21) PCT/JP99/02610

(22) **19 May/mai 1999 (19.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIRTUAL PATH SWITCH
• SELECTEUR DE TRAJET VIRTUEL

(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) **FUKUTOYAMA, Sadaharu** [JP/JP]; Fujitsu Kansai Digital Technology Limited, 2-6, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). **NISHIMURA, Satoshi** [JP/JP]; Fujitsu Kansai Digital Technology Limited, 2-6, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). **FUKUDA, Takashi** [JP/JP]; Fujitsu Kansai Digital Technology Limited, 2-6, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). **MAEDA, Eiji** [JP/JP]; Fujitsu Kansai Digital Technology Limited, 2-6, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). **MAEDA, Masao** [JP/JP]; Fujitsu Kansai Digital Technology Limited, 2-6, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). **SAITO, Fumihiko** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **HAYASHI, Tsunenori** et al. / etc.; Hayashi, Doi & Associates, Toshou-Building N°3, 3-9-5, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) CN JP US.

---

(51)[7] **H04L 12/56**

(11) **WO 00/72530** (13) A2

(21) PCT/US00/13467

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/316,699 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FABRIC ROUTER WITH FLIT CACHING
• ROUTEUR DE MATRICE AVEC FONCTION D'ANTEMEMOIRE DE SEGMENTS FLITS

(71) **AVICI SYSTEMS** [US/US]; Building 6, 101 Billerica Avenue, North Billerica, MA 01862-1256 (US).

(72) **DALLY, William, J.**; 1068 Vernier Place, Stanford, CA 94305 (US). **CARVEY, Philip, P.**; 7 Daniels Road, Bedford, MA 01730 (US). **KING, P., Allen**; 30 Gibson Street, Needham, MA 02192 (US). **MANN, William, F.**; 23 Checkerberry Circle, Sudbury, MA 01776 (US). **DENNISON, Larry, R.**; 505 Nahatan Street, Norwood, MA 02062 (US).

(74) **SMITH, James, M.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 12/56**

(11) **WO 00/72531** (13) A1

(21) PCT/US00/14204

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,602 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/343,409 **30 Jun/juin 1999** US **(30.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • APPARATUS AND METHOD FOR DISTRIBUTING A LOAD ACROSS A TRUNK GROUP
• APPAREIL ET PROCEDE DE REPARTITION DE CHARGE A TRAVERS UN FAISCEAU DE CIRCUITS

(71) **BROADCOM CORPORATION** [US/US]; 16215 Alton Parkway, P.O. Box 57013, Irvine, CA 92619-7013 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KALKUNTE, Mohan** [US/US]; 1538 Magpie Lane, Sunnyvale, CA 94087 (US). **KADAMBI, Shiri** [US/US]; 1690 Park Hills Avenue, Los Altos, CA 94024 (US). **AMBE, Shekhar** [IN/US]; 3220 Verdant Way, San Jose, CA 95117 (US).

(74) **GOLDHUSH, Douglas, H.** et al. / etc.; Arent Fox Kintner Plotkin & Kahn, PLLC, 1050 Connecticut Avenue, N.W., Suite 600, Washington, DC 20036-5339 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/56, 29/06**

(11) **WO 00/72532** (13) A1

(21) PCT/US00/14381

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,605 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR NETWORK PACKET REDUCTION
• SYSTEME ET PROCEDE POUR REDUIRE LE TRAFIC DE PAQUETS DANS UN RESEAU

(71) **RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY** [US/US]; Old Queens Building, Somerset and George Streets, New Brunswick, NJ 08903 (US).

(71, 72) **BADRINATH, B.R.** [US/US]; 4 Depalma Court, Somerset, NJ 08873 (US). **SUDAME, Predeep** [US/US]; 18J Reler Lane, Somerset, NJ 08873 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/56**

(11) **WO 00/72533** (13) A1

(21) PCT/US00/09813

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 60/135,216 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/141,496 **28 Jun/juin 1999** US **(28.06.1999)**

(30) 09/343,409 **30 Jun/juin 1999** US **(30.06.1999)**

(30) 09/461,719 **16 Dec/déc 1999** US **(16.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • STACKED NETWORK SWITCH CONFIGURATION
• CONFIGURATION D'EMPILEMENT POUR COMMUTATEURS DE RESEAU

(71) **BROADCOM CORPORATION** [US/US]; 16215 Alton Parkway, P.O. Box 57013, Irvine, CA 92619-7013 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KALKUNTE, Mohan** [US/US]; 1538 Magpie Lane, Sunnyvale, CA 94087 (US). **KADAMBI, Shiri** [US/US]; 1690 Park Hills Avenue, Los Altos, CA 94024 (US). **AMBE, Shekhar** [IN/US]; 3220 Verdant Way, San Jose, CA 95117 (US).

(74) **GOLDHUSH, Douglas, H.** et al. / etc.; Arent Fox Kintner Plotkin & Kahn, PLLC, Suite 600, 1050 Connecticut Avenue, N.W., Washington, DC 20036-5339 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/58, H04M 3/533**

(11) **WO 00/72534** (13) A1

(21) PCT/GB00/01962

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911941.4 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRONIC MAIL SYSTEMS
• SYSTEMES DE COURRIER ELECTRONIQUE

(71) **EIDOS TECHNOLOGIES LIMITED** [GB/GB]; Wimbledon Bridge House, 1 Hartfield Road, Wimbledon SW19 3RU (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RABE-HESKETH, Simon, Thomas** [GB/GB]; 31 Prince Georges Avenue, Raynes Park, London SW20 8BQ (GB).

(74) **BUTLER, Michael, John** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/64**

(11) **WO 00/72535** (13) A1

(21) PCT/US00/14058

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 09/317,561 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENTERPRISE CONTACT SERVER WITH ENHANCED ROUTING FEATURES
• SERVEUR DE CONTACT D'ENTREPRISE AVEC CARACTERISTIQUES D'ACHEMINEMENT AMELIOREES

(71) **MCI WORLDCOM, INC.** [US/US]; 515 East Amite Street, Jackson, MS 39201 (US).

(72) **GOSS, Raymond, G.**; 11503 Wiginton Drive, Austin, TX 78758 (US).

(74) **DIGIGLIO, Frank, S.** et al. / etc.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/64, H04M 7/00**

(11) **WO 00/72536** (13) A1

(21) PCT/US00/14467

(22) **26 May/mai 2000 (26.05.2000)**

(25) en (26) en

(30) 60/136,213 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • QUALITY OF SERVICE BASED TRANSITIONING BETWEEN ALTERNATE TRANSPORT PATHS
• PROCEDE DE TRANSITION ENTRE VOIES DE TRANSPORT BASE SUR LA QUALITE DE SERVICE

(71) **NORTEL NETWORKS 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) **SMITH, Kevin, R.** [US/US]; 901 Kilgore Court, Allen, TX 75013 (US). **EDWARDS, Theodore, E.** [US/US]; 3500 Bellwood Circle, Plano, TX 75074 (US). **WEST, Richard, L.** [US/US]; 1075 Goshentown Road, Hendersonville, TN 37075 (US).

(74) **BEWLEY, Ewan, Stuart**; Nortel Networks Intellectual Property Law Group, London Road, Harlow, Essex CM17 9NA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 12/66, 29/06, H04Q 7/22**

(11) **WO 00/72537** (13) A1

(21) PCT/FI00/00461

(22) **22 May/mai 2000 (22.05.2000)**

(25) fi (26) en

(30) 991180 **24 May/mai 1999** FI **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A GATEWAY IN A WIRELESS SYSTEM
• PASSERELLE POUR SYSTEME RADIO

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EEROLA, Severi** [FI/FI]; Nuotiokatu 1 B 5, FIN-33580 Tampere (FI).

(74) **JOHANSSON, Folke**; Nokia Corporation, P.O. Box 319, FIN-00045 Nokia Group (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 25/02, G11C 7/10, 7/06**

(11) **WO 00/72538** (13) A1

(21) PCT/US00/13771

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,309 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIFFERENTIAL RECEIVER
• RECEPTEUR DIFFERENTIEL

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, MS PAL01-521, Palo Alto, CA 94303 (US).

(72) **ANG, Michael, A.**; 115 Retiro Way, San Francisco, CA 94123 (US). **STARR, Jonathan, E.**; Apartment 106, 20350 Stevens Creek Boulevard, Cupertino, CA 95014 (US).

(74) **TERRILE, Stephen, A.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) IL JP KR RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04L 25/02, G11C 7/10, 7/06**

(11) **WO 00/72539** (13) A1

(21) PCT/US00/14014

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,421 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR DIFFERENTIATING A DIFFERENTIAL VOLTAGE SIGNAL

USING CURRENT BASED DIFFERENTIATION

- PROCEDE DE DIFFERENCIATION D'UN SIGNAL EN TENSION DIFFERENTIEL SUR LA BASE DES COURANTS

(71) **SUN MIRCROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94043 (US).

(72) **ANG, Michael, A.**; 115 Retiro Way, San Francisco, CA 94123 (US). **STARR, Jonathan, E.**; 20350 Stevens Creek Boulevard., Apt. 106, Cupertino, CA 95014 (US).

(74) **TERRILE, Stephen, A.** et al. / etc.; Skjerven, Morrill, Macpherson, Franklin & Friel LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110 (US).

(81) IL JP KR RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04L 25/03, 23/02, 25/06**

(11) **WO 00/72540** (13) A1

(21) PCT/US00/13560

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/316,800 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- EQUALIZATION TECHNIQUES FOR COMMUNICATION SYSTEMS USING ORTHOGONAL SIGNALING
- TECHNIQUES DE CORRECTION POUR SYSTEMES DE COMMUNICATIONS AU MOYEN DE SIGNALEMENT ORTHOGONAL

(71) **HOME WIRELESS NETWORKS, INC.** [US/US]; 3145 Avalon Ridge Place, Norcross, GA 30071 (US).

(72) **ARIYAVISTAKUL, Sirikiat, L.**; 875 Mount Katahdin Trail, Alpharetta, GA 30022 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 27/00**

(11) **WO 00/72541** (13) A1

(21) PCT/US00/13997

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,124 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- CHAOTIC COMMUNICATION WITH MODULATION OF NON-REACTIVE PARAMETERS
- COMMUNICATION CHAOTIQUE AVEC MODULATION DE PARAMETRES NON REACTIFS

(71) **SCIENCE APPLICATIONS INTERNATIONAL CORPORATION** [US/US]; 10260 Campus Point Drive, San Diego, CA 92121 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HINTON, Daniel, E., Sr.** [US/US]; Science Applications International Corporation, 10260 Campus Point Drive, San Diego, CA 92121 (US). **DEW, Nelson, R.** [US/US]; Science Applications International Corporation, 10260 Campus Point Drive, San Diego, CA 92121 (US). **LONGTIN, Laurence, P.** [US/US]; Science Applications International Corporation, 10260 Campus Point Drive, San Diego, CA 92121 (US). **GARDNER, Charles, P.** [US/US]; Science Applications International Corporation, 10260 Campus Point Drive, San Diego, CA 92121 (US). **MARTIN, Shannon, W.** [US/US]; Science Applications International Corporation, 10260 Campus Point Drive, San Diego, CA 92121 (US). **EDWARDS, Michael, C.** [US/US]; Science Applications International Corporation, 10260 Campus Point Drive, San Diego, CA 92121 (US). **BERKLEY, Antwong, L.** [US/US]; Science Applications International Corporation, 10260 Campus Point Drive, San Diego, CA 92121 (US). **BOWSER, Steven, M.** [US/US]; Science Applications International Corporation, 10260 Campus Point Drive, San Diego, CA 92121 (US).

(74) **BRADLEY, C., Wright** et al. / etc.; Banner & Witcoff, Ltd., 1001 G Street, N.W., Eleventh Floor, Washington, D.C. 20001-4597 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 27/233, 7/033**

(11) **WO 00/72542** (13) A1

(21) PCT/EP00/03797

(22) **26 Apr/avr 2000 (26.04.2000)**

(25) en (26) en

(30) 09/316,556 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- DIFFERENTIATE AND MULTIPLY BASED TIMING RECOVERY IN A QUADRATURE DEMODULATOR
- RESYNCHRONISATION DE DEMODULATEUR EN QUADRATURE PAR DIFFERENCE ET PRODUIT

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MOHINDRA, Rishi**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 27/26**

(11) **WO 00/72543** (13) A1

(21) PCT/EP00/04196

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 99201607.1 **21 May/mai 1999** EP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- REDUCTION OF PEAK TO AVERAGE POWER RATIO IN MULTICARRIER TRANSMISSION
- REDUCTION DU RAPPORT DE PUISSANCE CRETE A MOYENNE DANS UN SYSTEME DE TRANSMISSION A PORTEUSES MULTIPLES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **SCHOUHAMER IMMINK, Kornelis, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 29/00**

(11) **WO 00/72544** (13) A2

(21) PCT/EP00/04351

(22) **15 May/mai 2000 (15.05.2000)**

(25) de (26) de

(30) 199 23 174.5 **20 May/mai 1999** DE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54)
- METHOD FOR SECURELY TRANSMITTING PROTECTED DATA
- PROCEDE DE TRANSMISSION SECURISEE DE DONNEES PROTEGEES

(71) **SMARTRING GMBH GESELLSCHAFT FÜR SICHERE ELEKTRONISCHE DIENSTLEISTUNGEN** [DE/DE]; Europaplatz 5, D-99091 Erfurt (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REIF, Holger** [DE/DE]; Pachelbelstrasse 20, D-99069 Erfurt (DE). **HENKEL, Thomas** [DE/DE]; Heynestrasse 28, D-99510 Appolda (DE).

(74) **ENGEL, Christoph, K.**; Engel & Weihrauch, Marktplatz 6, D-98527 Suhl (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 29/00, H04Q 7/32**

(11) **WO 00/72545** (13) A1

(21) PCT/FI00/00460

(22) **22 May/mai 2000 (22.05.2000)**

(25) fi (26) en

(30) 991179 **24 May/mai 1999 (24.05.1999)** FI

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONNECTION HANDLE
• IDENTIFICATEUR DE CONNEXION

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EEROLA, Severi** [FI/FI]; Nuotiokatu 1 B 5, FIN-33580 Tampere (FI).

(74) **JOHANSSON, Folke**; Nokia Corporation, P.O. Box 319, FIN-00045 Nokia Group (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[6] **H04L 29/00, H04M 11/00, H04J 11/00, H04L 25/02, H04J 1/00, H04Q 3/42**

(11) **WO 00/72546** (13) A1

(21) PCT/JP99/02674

(22) **21 May/mai 1999 (21.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SIGNAL TRANSMISSION APPARATUS
• APPAREIL DE TRANSMISSION DE SIGNAUX

(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) **TAKEYABU, Masato** [JP/JP]; c/o Fujitsu Hokkaido Digital Technology Limited, 3-1,Nishi 4-chome,Kita 7-Jo,Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP). **TAKEUCHI, Yasuaki** [JP/JP]; c/o Fujitsu Hokkaido Digital Technology Limited, 3-1,Nishi 4-chome,Kita 7-Jo,Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP). **KOBAYASHI, Yuji** [JP/JP]; c/o Fujitsu Hokkaido Digital Technology Limited, 3-1,Nishi 4-chome,Kita 7-Jo,Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP). **MIYOSHI, Seiji** [JP/JP]; c/o Fujitsu Limited, 1-1,Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **YOSHIMI, Masahisa** [JP/JP]; c/o Fujitsu Limited, 1-1,Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **SAITO, Chimoto**; Saito Patent Office, Koei-Palace 202, 14-10, Makuharihongo 1-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 29/00**

(11) **WO 00/72547** (13) A1

(21) PCT/JP00/03368

(22) **25 May/mai 2000 (25.05.2000)**

(25) ja (26) ja

(30) 11/145410 **25 May/mai 1999 (25.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSMISSION METHOD, TRANSMISSION DEVICE, AND TRANSMISSION SYSTEM
• PROCEDE, DISPOSITIF ET SYSTEME DE TRANSMISSION

(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) **ICHIMURA, Gen** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **OSAKABE, Yoshio** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **NAKANO, Takehiko** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **OHNUKI, Yumiko** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04L 29/06, 1/00, H04Q 11/04**

(11) **WO 00/72548** (13) A1

(21) PCT/EP99/03611

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERWORKING METHOD AND APPARATUS
• PROCÉDÉ ET APPAREIL D'INTERCONNEXION

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RÄSÄNEN, Juha** [FI/FI]; Pensaskertuntie 8A, FIN-02660 Vantaa (FI). **OHVO, Mikko** [FI/FI]; Johanbergintie 102, FIN-04660 Numminen (FI).

(74) **PELLMANN, Hans-Bernd** et al. / etc.; Tiedtke-Bühling-Kinne et al, Bavariaring 4, D-80336 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 29/06**

(11) **WO 00/72549** (13) A2

(21) PCT/GB00/01330

(22) **7 Apr/avr 2000 (07.04.2000)**

(25) en (26) en

(30) 99304034 **25 May/mai 1999 (25.05.1999)** EP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR TELECOMMUNICATIONS USING INTERNET PROTOCOL
• PROCEDE ET DISPOSITIF POUR TELECOMMUNICATIONS UTILISANT LE PROTOCOLE INTERNET

(71) **LUCENT TECHNOLOGIES INC.** [US/US]; 600 Mountain Avenue, Murray Hill, NJ 07974-0636 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YANG, Lin** [CN/GB]; 45 Goldsborough Close, Swindon, Wiltshire XN5 7EP (GB).

(74) **WILLIAMS, David, J.** et al. / etc.; Lucent Technologies UK Limited, 5 Mornington Road, Woodford Green, Essex IG8 0TU (GB).

(81) AU BR CA CN ID IN JP KP KR US.

---

(51)[7] **H04L 29/06, 12/56**

(11) **WO 00/72550** (13) A1

(21) PCT/SE00/00757

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) en (26) en

(30) 99018939 **21 May/mai 1999** SE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMMUNICATION SYSTEM AND METHOD IN AN IP NETWORK
• SYSTEME DE COMMUNICATION ET PROCEDE RELATIFS A UN RESEAU IP

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **WESTBERG, Lars**; Långtora Grän, S-745 96 Enköping (SE). **LINDBERG, Niclas**; Vattenledningsvägen 91, S-126 35 Hägersten (SE).

(74) **DR. LUDWIG BRANN PATENTBYRÅ AB**; Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04L 29/08**

(11) **WO 00/72551** (13) A1

(21) PCT/JP00/03034

(22) **11 May/mai 2000 (11.05.2000)**

(25) ja (26) ja

(30) 11/138962 **19 May/mai 1999** JP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMMUNICATION METHOD, COMMUNICATION SYSTEM AND ELECTRONIC DEVICE
• PROCEDE DE COMMUNICATION, SYSTEME DE COMMUNICATION ET DISPOSITIF ELECTRONIQUE

(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) **IIJIMA, Yuko** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04L 29/08, G11B 20/10**

(11) **WO 00/72552** (13) A1

(21) PCT/JP00/03329

(22) **24 May/mai 2000 (24.05.2000)**

(25) ja (26) ja

(30) 11/145472 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIGITAL SIGNAL PROCESSING DEVICE AND METHOD, DIGITAL SIGNAL PROCESSING SYSTEM
• DISPOSITIF ET PROCEDE DE TRAITEMENT DE SIGNAL NUMERIQUE, SYSTEME DE TRAITEMENT DE SIGNAL NUMERIQUE

(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) **SAKAMOTO, Ichiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SATO, Makoto** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira**; No. 11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M**

(11) **WO 00/72553** (13) A2

(21) PCT/FR00/01350

(22) **18 May/mai 2000 (18.05.2000)**

(25) fr (26) fr

(30) 99/06348 **19 May/mai 1999** FR **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MOBILE TELEPHONE SYSTEM WITH SELECTIVE PROCESSING PERIMETERS
• TELEPHONIE MOBILE A PERIMETRES DE TRAITEMENT SELECTIF

(71) **INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE** [FR/FR]; Domaine de Voluceau, Rocquencourt, Boîte postale 105, F-78153 Le Chesnay Cedex (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BANATRE, Michel** [FR/FR]; 28, rue de La Masse, F-35111 La Fresnais (FR). **COUDERC, Paul** [FR/FR]; 4, avenue Louis Barthou, F-35000 Rennes (FR).

(74) **NICOLLE, Olivier**; Cabinet Netter, 40, rue Vignon, F-75009 Paris (FR).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04M 1/00, 1/02, 1/21, H04B 7/26, G06F 3/00**

(11) **WO 00/72554** (13) A1

(21) PCT/JP00/01006

(22) **22 Feb/fév 2000 (22.02.2000)**

(25) ja (26) ja

(30) 11/142907 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/142953 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/142980 **24 May/mai 1999** JP **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PORTABLE TELEPHONE
• TELEPHONE PORTABLE

(71) **ROHM CO., LTD** [JP/JP]; 21, Saiin Mizosaki-cyo, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIYAKAWA, Shouzou** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

(74) **NEMOTO, Keiji** et al. / etc.; Eishin Kokusai Patent Office, Toranomon Kuranami-bldg.4F, 9-9, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CA JP US.

(84) EP (DE FR GB).

---

(51)[7] **H04M 1/00**

(11) **WO 00/72555** (13) A1

(21) PCT/US00/13788

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,153 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TELEPHONE HEADSET WITHOUT OFF-HOOK HANDSET REQUIREMENT
• RECEPTEUR SERRE-TETE SANS COMBINE DE DECROCHAGE

(71) **ADVANCED MOBILE SOLUTIONS, INC.** [US/US]; 329 Rheem Boulevard, Moraga, CA 94556 (US).

(72) **HAHN, Stanley, H.**; 168 Valley Hill Drive, Moraga, CA 94556 (US). **YEGIAZARYAN, Henry**; 1060 Sierra Vista Way, Lafayette, CA 94549 (US).

(74) **TACHNER, Adam, H.** et al. / etc.; Crosby, Heafey, Roach & May, Suite 2000, 2 Embarcadero Center, San Francisco, CA 94111 (US).

(81) BR CN KR.

---

(51)[7] **H04M 1/00**

(11) **WO 00/72556** (13) A1

(21) PCT/US00/13884

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,774 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR NEAR-END TALKER DETECTION BY SPECTRUM ANALYSIS
• SYSTEME ET PROCEDE DE DETECTION DU CORRESPONDANT PROCHE PAR ANALYSE DU SPECTRE

(71) **SIGNALWORKS, INC.** [US/US]; Suite 208, 625 Ellis Street, Mountain View, CA 94043 (US).

(72) **MCLAUGHLIN, Hugh, J.**; 2448 Villa Nueva Way, Mountain View, CA 94040 (US). **KING, Linda, J.**; 2225 Kenwood Avenue, San Jose, CA 95128 (US). **LOGAN, Tamara, L.**; 10282 Mann Drive, Cupertino, CA 95014 (US).

(74) **MCHUGH, Terry**; Law Offices of Terry McHugh, 101 First Street, PMB 560, Los Altos, CA 94022 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(b)*

---

(51)[7] **H04M 1/00**

(11) **WO 00/72557** (13) A2

(21) PCT/US00/08308

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) en (26) en

(30) 09/317,575 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADVANCED ECHO CANCELER AND DOUBLE-TALK DETECTOR
• SUPPRESSEUR D'ECHO AVANCE ET DETECTEUR DE DIAPHONIE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **PIKET, James, Brian**; 855 W. Horseshoe Avenue, Gilbert, AZ 85233 (US). **AMOS, Lance, Forman**; 2332 E. Emelita Circle, Mesa, AZ 85204 (US). **HALL, Holly, Elizabeth**; 3260 W. Shannon Place, Chandler, AZ 85226 (US). **YIP, William, Chunhung**; 3117 E. Westcott Drive, Phoenix, AZ 85050 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola, Inc., P.O. Box 10219, Scottsdale, AZ 85271-0219 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 1/64, H04J 3/26, H04Q 7/20, G06F 17/60, H04L 1/16**

(11) **WO 00/72558** (13) A1

(21) PCT/US00/14465

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,884 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSPARENT SYSTEMS FOR COMMUNICATION OVER COMPUTER NETWORKS
• SYSTEMES TRANSPARENTS POUR COMMUNIQUER A TRAVERS DES RESEAUX INFORMATIQUES

(63) US 09/318,884 (CON) 26 May/mai 1999 (26.05.1999)

(71, 72) **WEINGARTEN, Walter, Jay** [US/US]; 2nd Floor, 2801-B Avenue P, Brooklyn, NY 11229 (US).

(74) **MARKOWITZ, Michael, I.** et al. / etc.; Abelman, Frayne & Schwab, 150 East 42nd Street, New York, NY 10017-5612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 3/42**

(11) **WO 00/72559** (13) A1

(21) PCT/US00/11759

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/315,466 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR INTRODUCING NEW SERVICES INTO A NETWORK
• PROCEDE ET SYSTEME PERMETTANT D'INTRODUIRE DE NOUVEAUX SERVICES DANS UN RESEAU

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MALCOLM, Richard, James**; 625 Paxton Place, Carol Stream, IL 60188 (US). **TELL, Daniel, Francis**; 1533 Bowling Green, Lake Forest, IL 60045 (US). **JOYNER, Thomas, James**; 2804 N. Lakewood #107, Chicago, IL 60657 (US). **PIERCE, William, S.**; 8 Dryden Court, Algonquin, IL 60102 (US).

(74) **DONATO, Mario, J.**; Motorola, Inc., Legal Department, Mail Stop E230, 5401 North Beach Street, Fort Worth, TX 76114 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 3/42, 3/56, G06F 15/16**

(11) **WO 00/72560** (13) A1

(21) PCT/US00/13875

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,239 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/139,616 **17 Jun/juin 1999** US **(17.06.1999)**

(30) Not furnished / non communiqué **15 May/mai 2000** US **(15.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TELECONFERENCING BRIDGE WITH EDGEPOINT MIXING
• PONT DE TELECONFERENCE AVEC MELANGEUR AU POINT DE BORD

(71) **TRUECHAT, INC.** [US/US]; 11001 West 120th Avenue, Suite 400, Broomfield, CO 80021 (US).

(72) **CHRISTOFFERSON, Frank, C.**; 1613 Flint Court, Broomfield, CO 80020 (US). **MILLER, Edward, M.**; 1392 Nissen Court, Broomfield, CO 80020 (US).

(74) **DOYLE, Scott, W.** et al. / etc.; Dorsey & Whitney LLP, Suite 4400, 370 17th Street, Denver, CO 80202-5644 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 3/42**

(11) **WO 00/72561** (13) A1

(21) PCT/US00/13995

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,217 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR CONSUMER-INITIATED BUSINESS SOLICITATION CALLING SYSTEM

- SYSTEME ET PROCEDE CONÇUS POUR UN SYSTEME DE SOLLICITATIONS COMMERCIALES AMORCE PAR LE CONSOMMATEUR

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; 824 Market Street, Suite 510, Wilmington, DE 19801 (US).

(72) **MALIK, Dale, W.**; 1035 Redfield Lane, Dunwoody, GA 30338 (US). **KOCH, Robert, A.**; 6085 Courtside Drive, Norcross, GA 30092 (US).

(74) **GOTTS, Lawrence, J.** et al. / etc.; Shawpittman, 2300 N Street, N.W., Washington, DC 20037 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 3/523, 3/51, 7/00**

(11) **WO 00/72562** (13) A1

(21) PCT/US00/14317

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,896 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/471,616 **21 Dec/déc 1999** US **(21.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMBINING TELEPHONY DATA WITH WEB PAGES DISPLAY
- PROCEDE COMBINANT DES DONNEES DE TELEPHONIE ET DES PAGES-ECRAN WEB

(71) **NORTEL NETWORKS LIMITED** [CA/CA]; World Trade Center of Montreal, 380 St. Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PROKOP, Andrew, James** [US/US]; 708 Goodrich Avenue, St. Paul, MN 55105 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04M 3/56**

(11) **WO 00/72563** (13) A1

(21) PCT/US00/13935

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,239 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/139,616 **17 Jun/juin 1999** US **(17.06.1999)**

(30) 09/571,577 **15 May/mai 2000** US **(15.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTOMATIC TELECONFERENCING CONTROL SYSTEM
- SYSTEME AUTOMATIQUE DE COMMANDE DE TELECONFERENCE

(71) **TRUECHAT, INC.** [US/US]; 11001 W. 120th Avenue, Suite 400, Broomfield, CO 80021 (US).

(72) **CHRISTOFFERSON, Frank, C.**; 1613 Flint Court, Broomfield, CO 80020 (US). **MILLER, Edward, M.**; 1392 Nissen Court, Broomfield, CO 80020 (US).

(74) **CHRISTOFFERSON, Clyde, R.**; Suite 18, 2915 Hunter Mill Road, Oakton, VA 22124 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04M 9/00**

(11) **WO 00/72564** (13) A2

(21) PCT/EP00/04674

(22) **23 May/mai 2000 (23.05.2000)**

(25) de (26) de

(30) 199 23 601.1 **24 May/mai 1999** DE **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ECHO COMPENSATION DEVICE
- DISPOSITIF DE COMPENSATION D'ECHOS

(71, 72) **WALDORF, Matthias** [DE/DE]; Klenzestrasse 32, D-80469 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04M 9/08**

(11) **WO 00/72565** (13) A1

(21) PCT/EP00/04138

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/315,009 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ENHANCEMENT OF NEAR-END VOICE SIGNALS IN AN ECHO SUPPRESSION SYSTEM
- RENFORCEMENT DES SIGNAUX VOCAUX A L'EXTREMITE RAPPROCHEE DANS UN SYSTEME DE SUPPRESSION D'ECHO

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **CHRISTENSSON, Nils**; Davidhallsgatan 26, S-211 45 Malmö (SE). **PHILIPSSON, John**; Davidhallsgatan 26, S-211 45 Malmö (SE).

(74) **ERICSSON MOBILE COMMUNICATIONS AB**; IPR Department, S-221 83 Lund (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 9/08**

(11) **WO 00/72566** (13) A1

(21) PCT/EP00/04411

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/315,348 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND APPARATUS FOR IMPROVING ADAPTIVE FILTER PERFORMANCE BY SIGNAL EQUALIZATION
- PROCEDES ET APPAREIL PERMETTANT D'AMELIORER LES PERFORMANCES D'UN FILTRE ADAPTATIF PAR EGALISATION DES SIGNAUX

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **CHRISTENSSON, Nils**; Davidhallsgatan 26, S-211 45 Malmö (SE). **PHILIPSSON, John**; Davidhallsgatan 26, S-211 45 Malmö (SE).

(74) **ERICSSON MOBILE COMMUNICATIONS AB**; IPR Department, S-221 83 Lund (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA

CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 9/08**

(11) **WO 00/72567** (13) A1

(21) PCT/GB00/01904

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 99304040.1 **25 May/mai 1999** EP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ACOUSTIC ECHO CANCELLATION
• ANNULATION D'ECHO

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REED, Martin** [GB/GB]; University of Essex, Dept. Electronic Systems Engineering, Colchester, CO4 3SQ (GB). **HAWKSFORD, Malcolm, John** [GB/GB]; University of Essex, 40 Broome Grove, Wivenhoe, Colchester, Essex CO7 9QU (GB).

(74) **LIDBETTER, Timothy, Guy, Edwin**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 11/00**

(11) **WO 00/72568** (13) A1

(21) PCT/US00/14006

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,230 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMPUTER - TELEPHONE INTERFACE METHOD AND APPARATUS
• PROCEDE INTERFACE TELEPHONE-ORDINATEUR ET APPAREIL

(71) **GO2CALL.COM, LLC** [US/US]; Suite 327, 1555 Sherman Avenue, Evanston, IL 60201 (US).

(72) **NIX, John, A., Jr.**; Apt. 2 West, 814 Michigan Avenue, Evanston, IL 60202 (US). **SPEAR, Laurence, A.**; 1410 Chicago Avenue, Apt. 605, Evanston, IL 60202 (US).

(74) **FLYNN, Terri, S.** et al. / etc.; Reinhart, Boerner, Van Deuren, Norris & Rieselbach, S.C., Suite 2100, 1000 North Water Street, Milwaukee, WI 53202 (US).

(81) AU CA CN JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[6] **H04M 11/04**

(11) **WO 00/72569** (13) A1

(21) PCT/US99/11503

(22) **25 May/mai 1999 (25.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • EVENT DETECTION SYSTEM WITH DIALER INTERCEPT
• SYSTEME DE DETECTION D'EVENEMENT AVEC MODULE D'INTERCEPTION POUR APPAREIL DE COMPOSITION AUTOMATIQUE

(71) **DETECTION SYSTEMS, INC.** [US/US]; 130 Perinton Parkway, Fairport, NY 14450 (US).

(72) **ADER, Richard, A.**; 1800 Abbott Street, Salinas, CA 93901 (US). **CHERNOY, Michael, A.**; 1800 Abbott Street, Salinas, CA 93901 (US).

(74) **MATHEWS, J., Addison**; 120 Oostagala Drive, Loudon, TN 37774 (US).

.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04M 15/00**

(11) **WO 00/72570** (13) A2

(21) PCT/US00/13748

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,042 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TOLL-FREE TELEPHONIC COMMUNICATION METHOD AND DEVICE
• PROCEDE ET DISPOSITIF DE COMMUNICATION TELEPHONIQUE SANS FRAIS

(71, 72) **VANJANI, Govind, W.** [US/US]; 6 Mountain Laurel Lane, Danbury, CT 06811 (US). **WILKIE, David** [US/US]; 4792 Wheaton Court, Marietta, GA 30068 (US).

(74) **SCHNEIDER, Jerold, I.**; Arter & Hadden LLP, 1801 K Street, N.W., Suite 400K, Washington, DC 20006 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 15/00**

(11) **WO 00/72571** (13) A2

(21) PCT/US00/14638

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,739 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR IP-BASED CALLED PARTY BILLING
• PROCEDE ET SYSTEME DE FACTURATION DE L'APPELE DEMANDE FONDES SUR LE PROTOCOLE IP

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71) **iCALL, INC.** [US/US]; Suite 1650, 811 Wilshire Boulevard, Los Angeles, CA 90017 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FISCHLER, Anthony, H.** [US/US]; 10301 Wala Vista Road, Los Angeles, CA 90064 (US). **NETHERCOTT, Kevin, L.** [US/US]; 1485 Prince Edward Way, Sunnyvale, CA 94087 (US).

(74) **TACHNER, Adam, H.** et al. / etc.; Crosby, Heafey, Roach & May, Suite 2000, Two Embarcadero Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04M 15/00, H04J 3/12**

(11) **WO 00/72572** (13) A1

(21) PCT/US00/07012

(22) **16 Mar/mar 2000 (16.03.2000)**

(25) en (26) en

(30) 09/315,309 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SESSION BASED BILLING IN A COMMUNICATION SYSTEM

- FACTURATION DANS UN SYSTEME DE COMMUNICATION, EN FONCTION DES SESSIONS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MALCOLM, Richard, James**; 625 Paxton Place, Carol Stream, IL 60188 (US). **TELL, Daniel, Francis**; 1533 Bowling Green, Lake Forest, IL 60045 (US). **JAYAPALAN, Jay, P.**; 1215 Brandywyn Lane, Buffalo Grove, IL 60089 (US).

(74) **BELADI, SAYED HOSSEIN** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N**

(11) **WO 00/72573** (13) A2

(21) PCT/US00/10094

(22) **14 Apr/avr 2000 (14.04.2000)**

(25) en (26) en

(30) 60/131,990 **30 Apr/avr 1999 (30.04.1999)** US

(30) 09/482,181 **12 Jan/jan 2000 (12.01.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR SURVEILLANCE USING AN IMAGE SERVER
- PROCEDE ET APPAREIL DE SURVEILLANCE UTILISANT UN SERVEUR D'IMAGERIE

(71) **TOUCH TECHNOLOGIES, INC.** [US/US]; Suite 310, 9988 Hibert Street, San Diego, CA 92131 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ESBENSEN, Daniel** [US/US]; 2657 Mo'olio Place, Kihei, HI 96753 (US).

(74) **LEBLANC, Stephen, J.** et al. / etc.; Majestic, Parsons, Siebert & Hsue P.C., Suite 1100, Four Embarcadero Center, San Francisco, CA 94111-4106 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N**

(11) **WO 00/72574** (13) A2

(21) PCT/US00/13882

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/316,328 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN ARCHITECTURE FOR CONTROLLING THE FLOW AND TRANSFORMATION OF MULTIMEDIA DATA
- ARCHITECTURE DE COMMANDE DU FLUX ET DE LA TRANSFORMATION DE DONNEES MULTIMEDIA

(71) **QUOKKA SPORTS, INC.** [US/US]; 525 Brannan Street, San Francisco, CA 94107 (US).

(72) **RAMADAN, Alan, S.**; 151 Lark Lane, Mill Valley, CA 94941 (US). **SUSSNA, Jeffrey, E.**; 903 Ventura Way, Mill Valley, CA 94941 (US). **BROCCHINI, Matthew, Alan**; 2305 Adeline Drive, Burlingame, CA 94010 (US). **SCHAEFER, William, B., IV**; 559 46th Avenue, San Francisco, CA 94121 (US). **TAYLOR, John**; 28A Lower Crescent Avenue, Sausalito, CA 94965 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N**

(11) **WO 00/72575** (13) A2

(21) PCT/US00/14222

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/135,664 **24 May/mai 1999 (24.05.1999)** US

(30) 60/154,150 **15 Sep/sep 1999 (15.09.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RELIABLE DATAGRAM TRANSPORT SERVICE
- SERVICE DE TRANSPORT FIABLE DE DATAGRAMMES

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Intellectual Property Administration, P.O. box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **IBM CORPORATION** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **COMPAQ COMPUTER CORP.** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US). **ADAPTEC, INC.** [US/US]; Intellectual Property Administration, P.O. Box 272400, 3404 East Harmony Road, M/S 35, Fort Collins, CO 80527-2400 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GARCIA, David, J.** [US/US]; 24100 Hutchinson Road, Los Gatos, CA 95033 (US). **CULLEY, Paul, R.** [US/US]; 11210 Olde Mint House Lane, Tomball, TX 77375 (US). **RECIO, Renato, John** [US/US]; 6707 Winnepeg Cove, Austin, TX 78759 (US). **BENNER, Alan, F.** [US/US]; 1 Ridgeview Road, Poughkeepsie, NY 12603 (US). **KRAUSE, Michael** [US/US]; 17523 Bear Creek Road, Boulder Creek, CA 95006 (US).

(74) **BILLIG, Patrick**; Dicke, Billig & Czaja, P.A., 701 Fourth Avenue South, Suite 1250, Minneapolis, MN 55415 (US) et al. / etc.

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 1/00, G06F 3/00, G06K 9/00**

(11) **WO 00/72576** (13) A1

(21) PCT/AU00/00531

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) PQ 0559 **25 May/mai 1999 (25.05.1999)** AU

(30) PQ 1313 **30 Jun/juin 1999 (30.06.1999)** AU

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR DELIVERY OF A FACSIMILE
- PROCEDE ET SYSTEME DE TRANSMISSION DE TELECOPIES

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPSTUN, Paul** [AU/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 1/00, 1/32, H04B 7/26, H04M 11/00**

(11) **WO 00/72577** (13) A1

(21) PCT/JP00/03244

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 11/140270 **20 May/mai 1999 (20.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PORTABLE INFORMATION TERMINAL
• TERMINAL D'INFORMATIONS PORTABLE

(71) **PASCAL CO., LTD.** [JP/JP]; 248, Ooaza Minamihiura, Tenkawa-mura, Yoshino-gun, Nara 638-0322 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAKAI, Hiroyuki** [JP/JP]; Pascal Co., Ltd., 248, Ooaza Minamihiura, Tenkawa-mura, Yoshino-gun, Nara 638-0322 (JP). **WAKAMOTO, Masaki** [JP/JP]; Pascal Co., Ltd., 248, Ooaza Minamihiura, Tenkawa-mura, Yoshino-gun, Nara 638-0322 (JP). **MATSUNAGA, Shigemi** [JP/JP]; Pascal Co., Ltd., 248, Ooaza Minamihiura, Tenkawa-mura, Yoshino-gun, Nara 638-0322 (JP).

(74) **NAKAI, Hiroyuki**; Sorio 3 2F, 2-1, Sakaemachi 2-chome, Takarazuka-shi, Hyogo 665-0845 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 1/06, 1/04**

(11) **WO 00/72578** (13) A1

(21) PCT/CA99/00421

(22) **7 May/mai 1999 (07.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INTERNAL DRUM SCOPHONY RASTER RECORDING DEVICE
• DISPOSITIF D'ENREGISTREMENT PAR LIGNE A TAMBOUR INTERIEUR DU TYPE SCOPHONY

(71) **CYMBOLIC SCIENCES, INC.** [US/US]; 665 West Stuart Road, Bellingham, WA 98226 (US).

(72) **MONTGOMERY, Derek, G.**; 1702 - 320 Royal Avenue, New Westminster, British Columbia V3L 5C6 (CA).

(74) **VERMETTE & CO.**; Granville Square, P.O. Box 40, 230-200 Granville Street, Vancouver, British Columbia V6C 1S4 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 1/21**

(11) **WO 00/72579** (13) A1

(21) PCT/JP00/03227

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 11/141488 **21 May/mai 1999 (21.05.1999)** JP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DIGITAL PRINTER
• IMPRIMANTE NUMERIQUE

(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) **FUKUSHIMA, Tsumoru** [JP/JP]; 31-1-3-1011, Nakajimakawaraden-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8469 (JP). **YAMASHITA, Haruo** [JP/JP]; 1-17-19, Oda, Ibaraki-shi, Osaka 567-0018 (JP). **ITO, Takeshi** [JP/JP]; 1-4-40-522, Nonakaminami, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (JP). **KADO, Yoshiyasu** [JP/JP]; 1-8-5, Hikarigaoka, Ikoma-shi, Nara 630-0141 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 1/40**

(11) **WO 00/72580** (13) A1

(21) PCT/IB00/00660

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/314,861 **19 May/mai 1999 (19.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR COMPENSATING FOR DOT GAIN IN STOCHASTIC PRINTING
• METHODE ET DISPOSITIF PERMETTANT DE COMPENSER L'ELARGISSEMENT DES POINTS EN IMPRESSION STOCHASTIQUE

(63) US 09/314,861 (CIP) 19 May/mai 1999 (19.05.1999)

(71, 72) **HILL DE LA TORRE, Jesus** [MX/MX]; Justo Sierra 2387, Guadalajara, Jalisco 44680 (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 5/00**

(11) **WO 00/72581** (13) A1

(21) PCT/US00/13894

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,857 **25 May/mai 1999 (25.05.1999)** US

(30) 09/506,873 **16 Feb/fév 2000 (16.02.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SYSTEM FOR ACQUIRING AND PROCESSING BROADCAST PROGRAMS, PROGRAM GUIDE AND CHANNEL IDENTIFICATION DATA
• SYSTEME D'ACQUISITION ET DE TRAITEMENT DE PROGRAMMES DE DIFFUSION, DE GUIDE DE PROGRAMMES ET DE DONNEES DE DETERMINATION DE CANAL

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KLOPFENSTEIN, Scott, Edward** [US/US]; 7419 Wood Court, Fishers, IN 46250 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 5/00**

(11) **WO 00/72582** (13) A1

(21) PCT/US00/13902

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,857 **25 May/mai 1999 (25.05.1999)** US

(30) 09/505,588 **16 Feb/fév 2000 (16.02.2000)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A SYSTEM FOR ACQUIRING AND PROCESSING BROADCAST PROGRAMS AND PROGRAM GUIDE DATA
• SYSTEME D'ACQUISITION ET DE TRAITEMENT DE PROGRAMMES DE DIFFUSION ET DE DONNEES DE GUIDE DE PROGRAMMES

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KLOPFENSTEIN, Scott, Edward** [US/US]; 7419 Wood Court, Fishers, IN 46250 (US). **SCHNEIDEWEND, Daniel, Richard** [US/US]; 1121 Tall Trees Drive, Fishers, IN 46038 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04N 5/00**

(11) **WO 00/72583** (13) A1

(21) PCT/US00/07980

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(30) 60/135,221 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SOFTWARE ARCHITECTURE FOR A TELEVISION SET-TOP TERMINAL PROVIDING COMPATIBILITY WITH MULTIPLE OPERATING ENVIRONMENTS
• ARCHITECTURE LOGICIELLE POUR TERMINAL DECODEUR TV COMPATIBLE AVEC DE MULTIPLES ENVIRONNEMENTS OPERATIONNELS

(71) **GENERAL INSTRUMENT CORPORATION** [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BIRNBAUM, Jack, M.** [US/US]; 559 Nicole Drive, Southampton, PA 18966 (US). **DEL SORDO, Chris** [US/US]; 229 Heatherfield Drive, Souderton, PA 18964 (US). **GAZDA, Robert** [US/US]; 42 Le Forge Court, Wayne, PA 19087 (US).

(74) **LIPSITZ, Barry, R.**; 755 Main Street, Building No. 8, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 5/232**

(11) **WO 00/72584** (13) A1

(21) PCT/US00/07988

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(30) 09/316,729 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TARGETABLE AUTOFOCUS SYSTEM
• SYSTEME A MISE AU POINT AUTOMATIQUE A VISEE SPECIFIQUE

(71) **FOVEON, INC.** [US/US]; 3565 Monroe Street, Santa Clara, CA 95051 (US).

(72) **MAXHAM, William, Russell**; 2036 New Brunswick Drive, San Mateo, CA 94402 (US). **LYON, Richard, F.**; 422 Traverso Court, Los Altos, CA 94022 (US). **PRITCHARD, Jeffrey, Orion**; 3815 17th Street, San Francisco, CA 94114 (US). **TURNER, Richard, M.**; 312 Waverley Street #3, Menlo Park, CA 94025 (US). **MEAD, Carver, A.**; 10131 Bubb Road #B, Cupertino, CA 95134 (US). **MERRILL, Richard**; 890 Patrol Road, Woodside, CA 95134 (US).

(74) **D'ALESSANDRO, Kenneth**; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 5/44**

(11) **WO 00/72585** (13) A1

(21) PCT/EP00/04305

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 99201641.0 **25 May/mai 1999** EP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CONVERSION OF INTERLACED IMAGE SIGNALS INTO PROGRESSIVE SCANNED IMAGE SIGNALS
• CONVERSION DE SIGNAUX-IMAGE ENTRELACES EN SIGNAUX-IMAGE BALAYEES PROGRESSIVEMENT PAR SCANNER

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **DE HAAN, Gerard**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BELLERS, Erwin, B.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **STEENBEEK, Leonardus, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 5/44**

(11) **WO 00/72586** (13) A2

(21) PCT/US00/12547

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 60/135,268 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PROGRAMMING INTERFACE FOR TELEVISION SETTOP CORE SYSTEM SOFTWARE
• INTERFACE DE PROGRAMMATION POUR LOGICIEL SYSTEME DU NOYAU D'UN BOITIER DE RACCORDEMENT DE POSTE DE TELEVISION

(71) **GENERAL INSTRUMENT CORPORATION** [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BIRNBAUM, Jack, M.** [US/US]; 559 Nicole Drive, Southampton, PA 18966 (US). **DEL SORDO, Chris** [US/US]; 229 Heatherfield Drive, Souderton, PA 18964 (US). **ALLINSON, Stephen** [US/US]; 142 N. Hazel Avenue, Langhorne, PA 19047 (US). **MILLER, Kenneth, P.** [US/US]; 12337 Witt Road, Poway, CA 92064 (US).

(74) **LIPSITZ, Barry, R.**; Building No. 8, 755 Main Street, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 5/45, 5/44**

(11) **WO 00/72587** (13) A1

(21) PCT/DE00/01616

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 519.8 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND CIRCUIT ARRANGEMENT FOR PICTURE-IN-PICTURE SUPERIMPOSITION OF A VIDEO IMAGE
• PROCEDE ET CIRCUIT POUR REALISER UNE SUPERPOSITION D'IMAGE VIDEO

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, D-81541 München (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WENDEL, Dirk** [DE/DE]; Adejeweg 12, D-82008 Unterhaching (DE). **BURKERT, Matthias** [DE/DE]; Stroblstrasse 44, D-80689 München (DE). **BRETT, Maik** [DE/DE]; Schlesierweg 3, D-65719 Hofheim am Taunus (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04N 5/46, 9/68, 5/455**

(11) **WO 00/72588** (13) A1

(21) PCT/JP00/03114

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 11/141825 **21 May/mai 1999** JP **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COLOR SIGNAL REPRODUCING APPARATUS OF TELEVISION SIGNAL
• DISPOSITIF DE REPRODUCTION D'UN SIGNAL COULEUR DE TELEVISION

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) **TAKETANI, Nobuo**; 12-9-103, Tarahata 1-chome, Kawanishi-shi, Hyogo 666-0034 (JP). **MORIBE, Hiroshi**; 3-17-3-202, Higashiyosumi-machi, Takatsuki-shi, Osaka 569-0811 (JP). **MORITA, Hisao**; 1-8-10-603, Deguchi, Hirakata-shi, Osaka 573-0065 (JP). **SHIBUTANI, Ryuichi**; 15-1-502, Minamiakutagawa-cho, Takatsuki-shi, Osaka 569-1124 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CZ RU VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04N 5/60**

(11) **WO 00/72589** (13) A1

(21) PCT/EP00/04212

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 9911879.6 **22 May/mai 1999** GB **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HOME ENTERTAINMENT SYSTEM AUDIO HANDLING
• MANIPULATION ACOUSTIQUE DANS UNE CHAINE AUDIOVISUELLE DOMESTIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **DE GROOT, Tom, T., J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ROSENDAAL, Pim**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BARNES, Robert, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WHITE, Andrew, G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 7/00**

(11) **WO 00/72590** (13) A2

(21) PCT/EP00/04220

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 99201601.4 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • BLOCK MATCHING
• MISE EN CORRESPONDANCE DE BLOCS

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **WILINKSI, Piotr**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN OVERVELD, Cornelis, W., A., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HAITSMA, Jaap, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **STEENBEEK, Leonardus, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 7/088, 5/445**

(11) **WO 00/72591** (13) A1

(21) PCT/EP00/04197

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 99201582.6 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND ARRANGEMENT FOR TRANSMITTING AND RECEIVING ENCODED IMAGES
• PROCEDE ET MECANISME DE TRANSMISSION ET DE RECEPTION D'IMAGES CODEES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **VAN GESTEL, Henricus, A., W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHMITZ, Herman, J., R.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 7/10, H04L 12/00**

(11) **WO 00/72592** (13) A1

(21) PCT/AU00/00608

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) PQ 0455 **20 May/mai 1999** AU **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHODS AND APPARATUS FOR INFORMATION BROADCASTING AND RECEPTION
• PROCEDES ET DISPOSITIF DE RADIODIFFUSION ET RECEPTION D'INFORMATIONS

(71) **ACEINC PTY LIMITED** [AU/AU]; Level 3, 30 Kings Park Road, West Perth, W.A. 6005 (AU).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COHEN, Thomas, Andrew** [AU/AU]; 33 Salvado Street, Cottesloe, W.A. 6011 (AU).

(74) **MAXWELL, Peter, Francis**; Level 6, 60 Pitt Street, P.O. Box R1466, Royal Exchange, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 7/16**

(11) **WO 00/72593** (13) A1

(21) PCT/FR00/01400

(22) **22 May/mai 2000 (22.05.2000)**

(25) fr (26) fr

(30) 99/06529 **21 May/mai 1999** FR **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR TRANSMITTING INTERACTIVE DATA
• PROCEDE DE TRANSMISSION D'INFORMATIONS INTERACTIVES

(71) **NPTV S.A.** [FR/FR]; 93, rue du Hocquet, F-80000 Amiens (FR).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRANGE, Etienne** [FR/FR]; 40, rue d'Orsel, F-75018 Paris (FR). **CHOURAQUI, Jerôme** [FR/FR]; 1, rue Aumont-Thiéville, F-75017 Paris (FR). **CHOURAQUI, Laurent** [FR/FR]; 19, boulevard Barbès, F-75018 Paris (FR).

(74) **BREESE, Pierre** et al. / etc.; Breese-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 7/173**

(11) **WO 00/72594** (13) A1

(21) PCT/CA00/00582

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/315,042 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIMEDIA CLIENT AND SERVER
• CLIENT ET SERVEUR MULTIMEDIA

(71) **NORTEL NETWORKS LIMITED** [CA/CA]; World Trade Center of Montreal, 380 St. Antoine Street West, 8th Floor, Montreal, Quebec H2Y 3Y4 (CA).

(72) **ST. MAURICE, Susan, T.**; 140 Robert Lee Drive, Carp, Ontario K0A 1L0 (CA). **NGUYEN, Thinh, D.**; 90 Clarkson Cr., Kanata, Ontario K2L 3E2 (CA). **CHALUPKA, Andrew, J.**; 61A Norman Street, Ottawa, Ontario K1S 3K3 (CA).

(74) **SMITH, Dallas, F.**; Nortel Networks Corporation, Intellectual Property Law Group, Station "C", P.O. Box 3511, Ottawa, Ontario K1Y 4H7 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 7/173**

(11) **WO 00/72595** (13) A1

(21) PCT/FI00/00463

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 991178 **24 May/mai 1999** FI **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ESTABLISHMENT OF UPSTREAM CONNECTION IN WIRED NETWORK
• ETABLISSEMENT D'UNE CONNEXION MONTANTE DANS UN RESEAU CABLE

(71) **DOMIRAS OY** [FI/FI]; Eteläesplanadi 14, FIN-00130 Helsinki (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÄKIPÄÄ, Risto** [FI/FI]; Ylätie 11, FIN-50670 Otava (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04N 7/173**

(11) **WO 00/72596** (13) A1

(21) PCT/US00/14267

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/318,904 **26 May/mai 1999** US **(26.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WIRELESS TELEVISION SYSTEM WITH PORTABLE DISPLAY
• SYSTEME DE TELEVISION SANS FIL A ECRAN PORTATIF

(71, 72) **MARGULIS, Neal** [US/US]; 660 Manzanita Way, Woodside, CA 94062 (US).

(74) **KOERNER, Gregory, J.** et al. / etc.; Simon & Koerner LLP, Suite B, 10052 Pasadena Avenue, Cupertino, CA 95014 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04N 7/18, 5/04, 5/073, 5/268**

(11) **WO 00/72597** (13) A1

(21) PCT/JP00/03271

(22) **23 May/mai 2000 (23.05.2000)**

(25) ja (26) ja

(30) 11/142845 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/292060 **14 Oct/oct 1999** JP **(14.10.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • IMAGE SWITCHING DEVICE AND IMAGE OUTPUTTING DEVICES
• DISPOSITIF DE COMMUTATEUR D'IMAGES ET DISPOSITIFS DE SORTIE D'IMAGES

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KORI, Toshiyuki** [JP/JP]; 3-40-3, Higashikori, Hirakata-shi, Osaka 573-0075 (JP). **ISAKA, Haruo** [JP/JP]; 24-12, Yawatayamada, Yawata-shi, Kyoto 614-8051 (JP). **HONJO, Kenichi** [JP/JP]; 4-6-43, Okayamahigashi, Shijonawate-shi, Osaka 575-0003 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 7/18**

(11) **WO 00/72598** (13) A1

(21) PCT/US00/13596

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 130073 **20 May/mai 1999** IL **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIDEO SURVEILLANCE SYSTEM
• SYSTEME DE SURVEILLANCE VIDEO

(71) **SECURITYVILLAGE.COM, INC.** [US/US]; 430 East 86th Street, New York, NY 10028 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARSHAK, Craig** [GB/GB]; Nomura International plc, Nomura House, 1 St. Martin's-le-Grand, London EC1A 4NP (GB).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 7/24**

(11) **WO 00/72599** (13) A1

(21) PCT/CA00/00131

(22) **15 Feb/fév 2000 (15.02.2000)**

(25) en (26) en

(30) 2,272,590 **21 May/mai 1999** CA **(21.05.1999)**

(30) 2,277,373 **9 Jul/juil 1999** CA **(09.07.1999)**

(30) 2,280,662 **2 Sep/sep 1999** CA **(02.09.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MEDIA SERVER WITH MULTI-DIMENSIONAL SCALABLE DATA COMPRESSION
• SERVEUR DE MOYENS DE COMMUNICATION A COMPRESSION EVOLUTIVE ET MULTIDIMENSIONNELLE DE DONNEES

(71) **EDGE NETWORKS CORPORATION** [CA/CA]; 2620 - One Lombard Place, Winnipeg, Manitoba R3B 0X5 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TOTH, Joe** [CA/CA]; #406 - 181 Quail-Ridge Road, Winnipeg, Manitoba R2Y 2G6 (CA). **SCHELLENBERG, James** [CA/CA]; 99 River Pointe Drive, Winnipeg, Manitoba R2M 5N7 (CA). **GRAVES, David** [CA/CA]; 617 Park Boulevard East, Winnipeg, Manitoba R3P 0T7 (CA).

(74) **PILLAY, Kevin** et al. / etc.; Fasken Martineau DuMoulin LLP, 4200 Toronto Dominion Bank Tower, Toronto Dominion Centre, Box 20, Toronto, Ontario M5K 1H6 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 7/26**

(11) **WO 00/72600** (13) A2

(21) PCT/EP00/04214

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 99201512.3 **14 May/mai 1999 (14.05.1999)** EP

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD OF CONVERTING A PACKETIZED STREAM OF INFORMATION SIGNALS INTO A STREAM OF INFORMATION SIGNALS WITH TIME STAMPS AND VICE VERSA
• PROCEDE POUR CONVERTIR UN FLOT DE SIGNAUX D'INFORMATIONS PAQUETISE EN UN FLOT DE SIGNAUX D'INFORMATIONS AVEC DES MARQUES D'HORODATAGE ET VICE VERSA

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **RIJCKAERT, Albert, M., A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LAMBERT, Nicolaas**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DENISSEN, Adrianus, J., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DE VRIES, Jan**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) BR CA CN FI ID IN JP KR MX NO PL RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 7/26**

(11) **WO 00/72601** (13) A2

(21) PCT/US00/14716

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/136,006 **26 May/mai 1999 (26.05.1999)** US

(30) 60/139,649 **17 Jun/juin 1999 (17.06.1999)** US

(30) 60/153,347 **10 Sep/sep 1999 (10.09.1999)** US

(30) 09/461,859 **15 Dec/déc 1999 (15.12.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND SYSTEM FOR TRANSMITTING MEDIA STREAMS OVER A VARIABLE BANDWIDTH NETWORK
• PROCEDE ET SYSTEME PERMETTANT DE TRANSMETTRE DES TRAINS DE DONNEES MEDIA SUR UN RESEAU A LARGEUR DE BANDE VARIABLE

(71) **BIGBAND NETWORKS, INC.** [US/US]; 3 Waters Park, Suite 213, San Mateo, CA 94403 (US).

(72) **OZ, Ran**; 27 Nahal Gaaton Street, 71700 Modiin (IL). **STRASMAN, Nery**; 33 Maale Hatsofim Street, 52488 Ramat Gan (IL). **BASSAN-ESKENAZI, Amir**; 2820 Juniper Street, San Mateo, CA 94403 (US).

(74) **TOSTI, Robert, J.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 7/30, 7/26**

(11) **WO 00/72602** (13) A1

(21) PCT/CA00/00132

(22) **15 Feb/fév 2000 (15.02.2000)**

(25) en (26) en

(30) 2,272,590 **21 May/mai 1999 (21.05.1999)** CA

(30) 2,277,373 **9 Jul/juil 1999 (09.07.1999)** CA

(30) 2,280,662 **2 Sep/sep 1999 (02.09.1999)** CA

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTI-DIMENSIONAL DATA COMPRESSION
• COMPRESSION MULTIDIMENSIONNELLE DE DONNEES

(71) **EDGE NETWORKS CORPORATION** [CA/CA]; 2620 - One Lombard Place, Winnipeg, Manitoba R3B 0X5 (CA).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TOTH, Joe** [CA/CA]; #406-181 Quail-Ridge Road, Winnipeg, Manitoba R2Y 2G6 (CA). **SCHELLENBERG, James** [CA/CA]; 99 River Pointe Drive, Winnipeg, Manitoba R2M 5N7 (CA). **GRAVES, David** [CA/CA]; 617 Park Boulevard East, Winnipeg, Manitoba R3P 0T7 (CA).

(74) **PILLAY, Kevin** et al. / etc.; Fasken Martineau DuMoulin LLP, 4200, Toronto Dominion Bank Tower, Box 20, Toronto Dominion Centre, Toronto, Ontario M5K 1N6 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04N 7/36, 7/50, 7/26**

(11) **WO 00/72603** (13) A1

(21) PCT/EP00/04752

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 9912082.6 **24 May/mai 1999 (24.05.1999)** GB

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • VIDEO ENCODER AND METHOD OF VIDEO ENCODING
• CODEUR VIDEO ET PROCEDE DE CODAGE VIDEO

(71) **MOTOROLA LIMITED** [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAY, Anthony, Richard** [GB/GB]; 15 Plough Way, Winchester, Hampshire SO22 4PX (GB). **HOBSON, Paola, Marcella** [GB/GB]; 24 Soper Grove, Basingstoke, Hampshire RG21 5PU (GB). **McKEON, Kevin, Michael** [GB/GB]; Dairy Cottage, North Street, Bishop's Sutton, Hampshire SO24 0AT (GB).

(74) **TRELEVEN, Colin** et al. / etc.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

(51)[7] **H04N 9/04, 3/15**

(11) **WO 00/72604** (13) A1

(21) PCT/US00/08091

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) en (26) en

(30) 09/316,731 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR STORING AND RETRIEVING DIGITAL IMAGE DATA FROM AN IMAGING ARRAY
• PROCEDE DE STOCKAGE ET D'EXTRACTION DE DONNEES D'IMAGE NUMERIQUES D'UN GROUPEMENT DE CAPTEURS D'IMAGE

(71) **FOVEON, INC.** [US/US]; 3565 Monroe Street, Santa Clara, CA 95051 (US).

(72) **MERRILL, Richard, B.**; 890 Patrol Road, Woodside, CA 95134 (US). **LYON, Richard, F.**; 422 Traverso Court, Los Altos, CA 94022 (US). **MEAD, Carver, A.**; 10131 Bubb Road #B, Cupertino, CA 95134 (US).

(74) **SIERRA PATENT GROUP, LTD.**; P.O. Box 6149, Stateline, NV 89449 (US).

(81) KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04N 13/04**

(11) **WO 00/72605** (13) A1

(21) PCT/US00/14500

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 09/318,086 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • THREE-DIMENSIONAL DISPLAY SYSTEM
• SYSTEME D'AFFICHAGE TRIDIMENSIONNEL

(63) US 09/318,086 (CON) 25 May/mai 1999 (25.05.1999)

(71) **ACTUALITY SYSTEMS, INC.** [US/US]; 315 Main Street, Suite 102, Reading, MA 01867 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LORE, Andrew, G.** [US/US]; Three Ashley Road, Llewellyn Park, West Orange, NJ 07052 (US). **FAVALORA, Gregg, E.** [US/US]; 17 Pleasant Place, Cambridge, MA 02139 (US). **GIOVINCO, Michael, G.** [US/US]; 999 Knollwood Road, White Plains, NY 10603 (US).

(74) **PRAHL, Eric, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q**

(11) **WO 00/72606** (13) A2

(21) PCT/US00/14402

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 60/135,765 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FACILITY-WIDE COMMUNICATION SYSTEM AND METHOD
• SYSTEME DE COMMUNICATION A L'ECHELLE D'UN SITE

(71) **TRANSTEK, INC.** [US/US]; Suite 103, 35 Wilson Street, Pittsburgh, PA 15223-1719 (US).

(72) **MEIKSIN, Zvi, H.**; 1900 Mulhatton Street, Pittsburgh, PA 15217 (US). **PETRUS, T., Brad**; 814 Deely Street, Pittsburgh, PA 15217 (US). **KILGORE, Robert, J.**; 1762 McMillan Road, Pittsburgh, PA 15241 (US).

(74) **PARK, Eunhee** et al. / etc.; Baker & McKenzie, 805 Third Avenue, New York, NY 10022 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 1/14, H05K 9/00, H01R 17/12**

(11) **WO 00/72607** (13) A1

(21) PCT/US00/13818

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,623 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DENSELY ARRANGED ELECTRICALLY SHIELDED COMMUNICATION PANELS
• PANNEAUX DE COMMUNICATION A BLINDAGE ELECTRIQUE DISPOSES DE MANIERE DENSE

(71) **MARCONI COMMUNICATIONS, INC.** [US/US]; 5900 Landerbrook Drive, Cleveland, OH 44124 (US).

(72) **BUABBUD, George, H.**; 1606 Pheasant Lane, SouthLake, TX 76052 (US).

(74) **COCHRAN, David, B.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 7/00**

(11) **WO 00/72608** (13) A2

(21) PCT/US00/13918

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,073 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • PRIORITIZATION AND FLOW CONTROL OF A SPREAD SPECTRUM MULTIUSER CHANNEL
• ETABLISSEMENT DES PRIORITES ET REGULATION DE FLUX DANS UN CANAL MULTI-UTILISATEURS A SPECTRE ETALE

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; Suite 527, 300 Delaware Avenue, Wilmington, DE 19801 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TERRY, Stephen, E.** [US/US]; 15 Summit Avenue, North Point, NY 11768 (US).

(74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 7/20, H04B 7/26**

(11) **WO 00/72609** (13) A1

(21) PCT/SE00/01020

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/135,125 **20 May/mai 1999** US **(20.05.1999)**

(30) 09/572,846 **18 May/mai 2000** US **(18.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR BROADCASTING SYSTEM INFORMATION IN A CELLULAR COMMUNICATIONS NETWORK
• PROCEDE ET APPAREIL DE DIFFUSION D'INFORMATIONS SYSTEMES DANS UN RESEAU DE COMMUNICATION CELLULAIRE

(71) **TELEFONAKTIEBOLAGET L M ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **RIMHAGEN, Thomas**; Glaspärlevägen 12, S-583 37 Linköping (SE). **WIBERG, Niclas**; Sofielundsvägen 8, S-585 97 Linköping (SE).

(74) **NORIN, Klas**; Ericsson Radio Systems AB, Common Patent Department, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04Q 7/20, 7/22, 7/24, 7/32**

(11) **WO 00/72610** (13) A1

(21) PCT/US00/12979

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/315,908 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS IN A WIRELESS COMMUNICATION SYSTEM FOR ADAPTIVELY SELECTING A RESOLUTION FOR DETERMINING AND REPORTING LOCATION INFORMATION
• PROCEDE ET DISPOSITIF POUR SYSTEME DE COMMUNICATION SANS FIL, SERVANT A CHOISIR DE MANIERE ADAPTATIVE UNE RESOLUTION AUX FINS DE DETERMINATION ET DE SIGNALISATION D'INFORMATIONS D'EMPLACEMENT

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SOUISSI, Slim**; 3400 Western Center Blvd. #1036, Fort Worth, TX 76137 (US). **HILL, Thomas, Casey**; 35 Troon Court, Trophy Club, TX 76262 (US).

(74) **BREEDEN, R. Louis**; Motorola, Inc., Legal Department, Mail Stop E230, 5401 North Beach Street, Fort Worth, TX 76114 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 7/20**

(11) **WO 00/72611** (13) A1

(21) PCT/US00/06027

(22) **8 Mar/mar 2000 (08.03.2000)**

(25) en (26) en

(30) 09/315,322 **20 May/mai 1999 (20.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ORIGINATING A CALL IN A COMMUNICATION SYSTEM
• LANCEMENT D'UN APPEL DANS UN SYSTEME DE COMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **APPIAH, Thomas, K.**; 124 Wareham Lane, Schaumburg, IL 60193 (US).

(74) **HAAS, Kenneth, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04Q 7/22**

(11) **WO 00/72612** (13) A1

(21) PCT/US00/14127

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,476 **24 May/mai 1999 (24.05.1999)** US

(30) 09/344,407 **24 Jun/juin 1999 (24.06.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM AND METHOD FOR PROVIDING REQUESTED INFORMATION TO A MOBILE SUBSCRIBER USING SMS OR A MICROBROWSER
• SYSTEME ET PROCEDE PERMETTANT DE FOURNIR UNE INFORMATION REQUISE A UN ABONNE MOBILE UTILISANT UN SMS OU UN MICRONAVIGATEUR

(71) **SOFTWARE.COM, INC.** [US/US]; 525 Anacapa Street, Santa Barbara, CA 93101-1603 (US).

(72) **LOHTIA, Sunit**; 2920 173rd Ct., N.E., Redmond, WA 98052 (US). **JAMES, Wilfred, Martin**; 2635 232nd Place, S.E., Issaquah, WA 98029 (US). **HWANG, Boon, Chong**; 3090 118th Avenue, S.E. #R305, Bellevue, WA 98005 (US).

(74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 7/22**

(11) **WO 00/72613** (13) A1

(21) PCT/US00/14499

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/318,095 **25 May/mai 1999 (25.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ACQUISITION OF THE ELECTRONIC SERIAL NUMBER OF A MOBILE STATION
• ACQUISITION DU NOMBRE SERIEL ELECTRONIQUE D'UNE STATION MOBILE

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 22709 (US).

(72) **HOLM, Anders, T.**; 1323 Grande Harmony Place, Cary, NC 27513 (US). **LARSON, David, P.**; 506 Pebble Creek Drive, Cary, NC 27511 (US). **HOGLUND, Mats, V.**; 223 Gregory Drive, Cary, NC 27513 (US).

(74) **OWEN, John, R.** et al. / etc.; Coats and Bennett, P.L.L.C., 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[6] **H04Q 7/24**

(11) **WO 00/72614** (13) A1

(21) PCT/US99/18560

(22) **16 Aug/août 1999 (16.08.1999)**

(25) en (26) en

(30) 09/316, 434 **21 May/mai 1999 (21.05.1999)** US

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • WIRELESS COMMUNICATION SYSTEMS AND METHODS USING PACKET DIVISION MULTIPLE ACCESS
• SYSTEMES ET PROCEDES DE RADIOCOMMUNICATIONS A ACCES MULTIPLE PAR REPARTITION DE PAQUETS

(71, 72) **LIU, Chunyan** [CA/US]; 12 Mountain Avenue, Montville, NJ 07045 (US).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04Q 7/32, H04B 1/16**

(11) **WO 00/72615** (13) A1

(21) PCT/US00/13691

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/314,998 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR SCHEDULING WAKE-UP TIME IN A CDMA MOBILE STATION
• PROCEDE ET APPAREIL POUR PLANIFIER LE TEMPS D'ACTIVATION DANS UNE STATION MOBILE CDMA

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **SHI, Yu**; 10878 Caminito Alto, San Diego, CA 92131 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04Q 7/34**

(11) **WO 00/72616** (13) A1

(21) PCT/FI00/00443

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 991127 **18 May/mai 1999** FI **(18.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A ROBUST AND EFFICIENT METHOD FOR SMOOTHING MEASUREMENT RESULTS
• PROCEDE ROBUSTE ET EFFICACE POUR LE LISSAGE DES RESULTATS DE MESURES

(71) **NOKIA NETWORKS OY** [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEHTINEN, Joni** [FI/FI]; Lapinniemenranta B 145, FIN-33180 Tampere (FI). **VAARA, Tomi** [FI/FI]; Kilonrinne 7 A 3, FIN-02610 Espoo (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04Q 7/36**

(11) **WO 00/72617** (13) A1

(21) PCT/EP00/04243

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 9911738.4 **21 May/mai 1999** GB **(21.05.1999)**

(30) 0004126.9 **23 Feb/fév 2000** GB **(23.02.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CELLULAR COMMUNICATION SYSTEM WITH VARIABLE CHANNEL LOADING
• SYSTEME DE COMMUNICATIONS CELLULAIRES A CHARGE DE VOIE VARIABLE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MOULSLEY, Timothy, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **TANGENA, Antonius, G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04Q 7/36, 7/38**

(11) **WO 00/72618** (13) A1

(21) PCT/SE00/00984

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901846-7 **21 May/mai 1999** SE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD FOR CELL LOAD SHARING IN A CELLULAR MOBILE RADIO COMMUNICATIONS SYSTEM
• PROCEDE DE PARTAGE DE CHARGE DE CELLULE DANS UN SYSTEME DE RADIOCOMMUNCIATION CELLULAIRE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **STRÖBERG, Lars**; Gamla Skeppsbrogatan 1, S-137 33 Karlskrona (SE). **ÅKESSON, Christer**; Holmgatan 16 F, S-371 38 Karlskrona (SE). **KARLSSON, Robert**; Konstapelsgatan 13 A, S-371 30 Karlskrona (SE).

(74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 Malmö (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04Q 7/38**

(11) **WO 00/72619** (13) A1

(21) PCT/DE00/01606

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 23 638.0 **22 May/mai 1999** DE **(22.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR MANAGING THE LOCATION OF A MOBILE TERMINAL IN A CELLULAR MOBILE RADIO NETWORK, CELLULAR MOBILE RADIO NETWORK AND MOBILE TERMINAL
• PROCEDE DE GESTION DE LOCALISATION DE TERMINAL MOBILE DANS UN RESEAU RADIOTELEPHONIQUE MOBILE CELLULAIRE, RESEAU RADIOTELEPHONIQUE MOBILE CELLULAIRE ET TERMINAL MOBILE

(71) **UNIVERSITÄT HANNOVER** [DE/DE]; Welfengarten 1, D-30167 Hannover (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BIESTERFELD, Jens** [DE/DE]; Erichstrasse 10, D-30449 Hannover (DE). **JOBMANN, Klaus** [DE/DE]; Lilienstrasse 23, D-30167 Hannover (DE).

(74) **THÖMEN, Uwe** et al. / etc.; Zeppelinstrasse 5, D-30175 Hannover (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H04Q 7/38**

(11) **WO 00/72620** (13) A1

(21) PCT/US00/12611

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/318,496 **25 May/mai 1999** US **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • HANDOFF IN A MOBILE SYSTEM THROUGH AN EXTERNAL NETWORK
• TRANSFERT DANS UN SYSTEME MOBILE SUR UN RESEAU EXTERIEUR

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).

(72) **LARSON, Dave**; 506 Pebble Creek Drive, Cary, NC 27511 (US).

(74) **MONCO, Dean, A.**; Wood, Phillips, VanSanten, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, IL 60661-2511 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI

GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 7/38**

(11) **WO 00/72621** (13) A1

(21) PCT/US00/14232

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,298 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD FOR ALLOCATING A CHANNEL ACCORDING TO A CHANNEL CONDITION INDICATOR
• PROCEDE PERMETTANT D'ATTRIBUER UN CANAL A UN INDICATEUR D'ETAT DE CANAL

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **CHING TSE, David, Ngar**; 97 Stonewall Road, Berkeley, CA 94705 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 7/38**

(11) **WO 00/72622** (13) A1

(21) PCT/US00/14233

(22) **23 May/mai 2000 (23.05.2000)**

(25) en (26) en

(30) 09/317,666 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR SOFT HANDOFF IN A CDMA COMMUNICATION SYSTEM
• PROCEDE ET APPAREIL PERMETTANT LE TRANSFERT SOUPLE DANS UN SYSTEME DE COMMUNICATION AMCR

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **TIEDEMANN, Edward, G., Jr.**; 4350 Bromfield Avenue, San Diego, CA 92122 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 11/00**

(11) **WO 00/72623** (13) A2

(21) PCT/US00/13774

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/135,345 **21 May/mai 1999** US **(21.05.1999)**

(30) 60/137,984 **7 Jun/juin 1999** US **(07.06.1999)**

(30) 60/137,994 **7 Jun/juin 1999** US **(07.06.1999)**

(30) 60/138,149 **8 Jun/juin 1999** US **(08.06.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LOOP ACCESS SYSTEM WITH GRAPHICAL USER INTERFACE
• SYSTEME D'ACCES EN BOUCLE MUNI D'UNE INTERFACE UTILISATEUR GRAPHIQUE

(71) **INC INTEGRATED NETWORK CORPORATION** [US/US]; Bridgewater Corporate Park, 757 Route 202/206, Bridgewater, NJ 08807 (US).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BLANK, Eliahu** [IL/US]; Bartle Court, No. 12C, Highland Park, NJ 08904 (US). **ESKOLA, Paul, J.** [US/US]; 76 Kim Lane, Long Valley, NJ 07853 (US). **HALLERMEIER, W., David** [US/US]; 2116 North Line Street, Lansdale, PA 19446 (US). **HURLER, Joseph** [US/US]; 61 Hobart Avenue, Summit, NJ 07901 (US). **JACOBSON, Henry** [US/US]; 16 Winterberry Circle, Piscataway, NJ 08854 (US). **JOHNSEN, Gregory, F.** [US/US]; 6 Delwood Road, Chester, NJ 07930 (US). **MCGRATH, Bruce, W.** [US/US]; 8 West Orleander Drive, Mt. Laurel, NJ 08054 (US). **SCHAMING, Philip** [US/US]; 41 Maple Village Court, Bernardsville, NJ 07924 (US). **SULLIVAN, Raymond, Bradley** [US/US]; 23 Camelia Court, Lawrenceville, NJ 08648 (US).

(74) **REYNOLDS, Leo, R.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 11/04, H04L 12/56**

(11) **WO 00/72624** (13) A1

(21) PCT/EP99/03516

(22) **21 May/mai 1999 (21.05.1999)**

(25) en (26) en

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ADAPTIVE RATE MATCHING FOR DATA OR SPEECH
• ADAPTATION DE TAUX ADAPTATIVE DE DONNEES OU DE VOIX

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOISTINEN, Tommi** [FI/FI]; Kyyhkysmäki 22 B 19, FIN-02600 Espoo (FI).

(74) **PELLMANN, Hans-Bernd** et al. / etc.; Tiedtke-Bühling-Kinne et al., Bavariaring 4, 80336 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 11/04**

(11) **WO 00/72625** (13) A1

(21) PCT/GB00/01931

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911924.0 **21 May/mai 1999** GB **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • A METHOD AND SYSTEM FOR WIRELESS CONNECTION TO A WIDE AREA NETWORK
• PROCEDE ET SYSTEME DE CONNEXION SANS FIL A UN RESEAU ETENDU

(71) **ADAPTIVE BROADBAND LTD.** [GB/GB]; Block C1, 1st floor, Westbrook Centre, Milton Road, Cambridge CB4 1YQ (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PORTER, John, David** [GB/GB]; 109 Cambridge Road, Great Shelford, Cambridge CB2 5JJ (GB). **VESTER, Walter, Charles** [US/US]; Apartment 144, 2601 Pennsylvania Avenue, Philadelphia, PA 19130 (US).

(74) **CRAWFORD, Andrew, Birkby**; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04Q 11/04**

(11) **WO 00/72626** (13) A1

(21) PCT/US00/14004

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,518 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR BANDWIDTH ALLOCATION
• PROCEDE ET APPAREIL PERMETTANT D'ATTRIBUER UNE BANDE PASSANTE

(71) **ENSEMBLE COMMUNICATIONS, INC.** [US/US]; 6256 Greenwhich Drive, Suite 400, San Diego, CA 92122 (US).

(72) **STANWOOD, Kenneth, L.**; 2403 Montgomery Ave, Cardiff by the Sea, CA 92007 (US). **MOLLENAUER, James, F.**; 37 Silver Birch Rd., Newton, MA 02468 (US). **KLEIN, Isreal, Jay**; 5260 Florence Terrance, Apt.#214, San Diego, CA 92122 (US). **GILBERT, Sheldon, L.**; 12710 Monterey Cypress Rd., San Diego, CA 92122 (US).

(74) **CAMPBELL, Richard, E.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

---

(51)[7] **H04R**

(11) **WO 00/72627** (13) A2

(21) PCT/GB00/01798

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 9911505.7 **19 May/mai 1999** GB **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSDUCER DRIVER
• COMMANDE DE TRANSDUCTEUR

(71) **NEW TRANSDUCERS LIMITED** [GB/GB]; 37 Ixworth Place, London SW3 3QH (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AZIMA, Henry** [CA/GB]; 3 Southacre Close, Chaucer Road, Cambridge CB2 2TT (GB). **GAMBLE, David** [GB/GB]; 6 Devonshire Close, Sawtry, Huntingdon, Cambridgeshire PE17 5SG (GB).

(74) **MAGUIRE, Boss**; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04R 1/00, H04M 1/03**

(11) **WO 00/72628** (13) A1

(21) PCT/JP99/07347

(22) **27 Dec/déc 1999 (27.12.1999)**

(25) ja (26) ja

(30) 11/144739 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • TRANSMITTER/RECEIVER COMPRISING BONE-CONDUCTION SPEAKER
• EMETTEUR-RECEPTEUR COMPORTANT UN HAUT-PARLEUR A CONDUCTION OSSEUSE

(71) **TEMCO JAPAN CO., LTD.** [JP/JP]; 12-26, Hounan 2-chome, Suginami-ku, Tokyo 168-0062 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAKEDA, Takeshi** [JP/JP]; Hiroo 2-chome, 16-3-101, Shibuya-ku, Tokyo 150-0012 (JP).

(74) **SAITOH, Haruo**; 11-6, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) AU CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H04R 5/033**

(11) **WO 00/72629** (13) A1

(21) PCT/AU00/00480

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) PQ 0484 **21 May/mai 1999** AU **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN UNDERWATER AUDIO SYSTEM
• SYSTEME AUDIO SOUS-MARIN

(71, 72) **O'CONNOR, Damian, Victor** [AU/AU]; 75 Moolyeen Road, Brentwood, W.A. 6153 (AU).

(74) **LORD, Kelvin, Ernest**; Lord & Company, 4 Douro Place, West Perth, W.A. 6005 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04R 5/04**

(11) **WO 00/72630** (13) A1

(21) PCT/CN00/00035

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) zh (26) zh

(30) 99 2 37745.5 **21 May/mai 1999** CN **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • MULTIPURPOSE LOUDSPEAKER APPARATUS WITH ADJUSTABLE MODE AND EFFECT
• HAUT-PARLEUR POLYVALENT ET REGLABLE

(71, 72) **ZHU, Wangwen** [CN/CN]; Part A, Guomao Xin du Building 18, No. 140 Xinhua xiao Road, Wuhan 430002, Hubei (CN).

(74) **CHINA SCIENCES PATENT AGENT LIMITED**; 16th Floor, Zhongke Building, 80 Haidian Road, Haidian District, Beijing 100080 (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04R 19/00**

(11) **WO 00/72631** (13) A2

(21) PCT/US00/13634

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/315,896 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ACOUSTIC TRANSDUCER AND METHOD OF MAKING THE SAME
• TRANSDUCTEUR ACOUSTIQUE ET SON PROCEDE DE FABRICATION

(71) **SENSANT CORPORATION** [US/US]; 650 Saratoga Avenue, San Jose, CA 95129 (US).

(72) **LADABAUM, Igal**; 121 Baytree Road, San Carlos, CA 94070 (US).

(74) **JAKOPIN, David, A.** et al. / etc.; Pillsbury, Madison & Sutro, LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H04R 25/00**

(11) **WO 00/72632** (13) A2

(21) PCT/US00/13438

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/317,485 **24 May/mai 1999** US **(24.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • COMBINED RECEIVER SUSPENSION AND CERUMEN GUARD DEVICE FOR AN IN-THE-CANAL HEARING AID

• DISPOSITIF COMBINE DE SUSPENSION DE RECEPTEUR ET DE PROTECTION CONTRE LE CERUMEN POUR PROTHESE AUDITIVE DANS LE CANAL

(71) **SONIC INNOVATIONS, INC.** [US/US]; 2795 East Cottonwood Parkway, Salt Lake City, UT 84121 (US).

(72) **BRIMHALL, Owen, D.**; 11217 South Crescentridge Circle, South Jordan, UT 84095 (US).

(74) **LYON & LYON LLP**; Neugeboren, Craig, A., Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H05B 3/00, 1/00**

(11) **WO 00/72633** (13) A1

(21) PCT/US00/13780

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,803 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • METHOD AND APPARATUS FOR PREDICTING HEATER FAILURE

• PROCEDE ET APPAREIL DE PREVISION DE DEFAILLANCE DE FILAMENT RESISTANT

(71) **WATLOW ELECTRIC MANUFACTURING COMPANY** [US/US]; 12001 Lackland, St. Louis, MO 63146 (US).

(72) **LANHAM, Christopher, C.**; 202 Towerwood Drive, St. Charles, MO 63366 (US). **JULIANO, Rolando, O.**; #2 Surrey Hills, Hannibal, MO 63401 (US).

(74) **ROSENBERG, Matthew, A.**; Herzog, Crebs & McGhee, LLP, One City Centre - 24th Floor, 515 North Sixth Street, St. Louis, MO 63101-2409 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H05B 3/86, H01Q 1/12**

(11) **WO 00/72634** (13) A1

(21) PCT/EP00/04199

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 99201566.9 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AN AUTOMOTIVE GLAZING PANEL-WITH SOLAR CONTROL COATING COMPRISING A DATA TRANSMISSION WINDOW

• PANNEAU VITRE D'AUTOMOBILE A REVETEMENT ANTI-SOLAIRE COMPRENANT UNE FENETRE DE TRANSMISSION DE DONNEES

(71) **GLAVERBEL** [BE/BE]; Chaussée de la Hulpe, 166, B-1170 Brussels (Watermael-Boitsfort) (BE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DEGAND, Etienne** [BE/BE]; Glaverbel - Centre R. & D., Rue de l'Aurore, 2, B-6040 Jumet (BE). **MAZA, Christophe** [FR/FR]; Glaverbel - Centre R. & D., Rue de l'Aurore, 2, B-6040 Jumet (BE).

(74) **FARMER, Guy** et al. / etc.; Glaverbel, Intellectual Property Dept., Centre R & D, Rue de l'Aurore, 2, B-6040 Jumet (BE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H05B 3/86, 3/84**

(11) **WO 00/72635** (13) A1

(21) PCT/EP00/04200

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 99201567.7 **20 May/mai 1999** EP **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • AUTOMOTIVE GLAZING PANEL HAVING AN ELECTRICALLY HEATABLE SOLAR CONTROL COATING LAYER

• PANNEAU VITRE D'AUTOMOBILE POURVU D'UNE COUCHE DE REVETEMENT DE PROTECTION SOLAIRE ELECTRIQUEMENT CHAUFFABLE

(71) **GLAVERBEL** [BE/BE]; Chaussée de La Hulpe, 166, B-1170 Brussels (Watermael-Boitsfort) (BE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DEGAND, Etienne** [BE/BE]; Glaverbel-Centre R. & D., Rue de l'Aurore, 2, B-6040 Jumet (BE). **MAZA, Christophe** [FR/FR]; Glaverbel-Centre R. & D., Rue de l'Aurore, 2, B-6040 Jumet (BE).

(74) **FARMER, Guy** et al. / etc.; Glaverbel, Dept. Intellectual Property-Center R. & D., Center R. & D., Rue de l'Aurore, 2, B-6040 Jumet (BE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H05B 6/00**

(11) **WO 00/72636** (13) A1

(21) PCT/EP00/03665

(22) **22 Apr/avr 2000 (22.04.2000)**

(25) de (26) de

(30) 199 23 400.0 **21 May/mai 1999** DE **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • DEVICE AND METHOD FOR THERMALLY TREATING SUBSTRATES

• DISPOSITIF ET PROCEDE DE TRAITEMENT THERMIQUE DE SUBSTRATS

(71) **STEAG RTP SYSTEMS GMBH** [DE/DE]; Daimlerstrasse 10, D-89160 Dornstadt (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WALK, Heinrich** [DE/DE]; Stegäckerstrasse 7, D-89604 Allmendingen (DE). **MADER, Roland** [DE/DE]; Im Stiftallmey 44, D-87439 Kempten (DE). **BLERSCH, Werner** [DE/DE]; Bühlerstrasse 8, D-88477 Bussmannshausen (DE). **HAUF, Markus** [DE/DE]; Silcher Strasse 11, D-89335 Ichenhausen (DE).

(81) JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[6] **H05B 33/12, 33/02**

(11) **WO 00/72637** (13) A1

(21) PCT/JP99/02731

(22) **25 May/mai 1999 (25.05.1999)**

(25) ja (26) ja

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ORGANIC EL COLOR DISPLAY
• AFFICHAGE COULEUR ELECTROLUMINESCENT ORGANIQUE

(71) **TDK CORPORATION** [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(72) **ARAI, Michio**; TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). **YAMAMOTO, Hiroshi**; TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(74) **ISHII, Yoichi**; Tenjin Iyasaka Kosan Building, 3rd floor, 23-1, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).

.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H05B 33/26, 33/06**

(11) **WO 00/72638** (13) A1

(21) PCT/EP00/04652

(22) **22 May/mai 2000 (22.05.2000)**

(25) en (26) en

(30) 9911789.7 **20 May/mai 1999** GB **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTROLUMINESCENT DISPLAY
• ECRAN ELECTROLUMINESCENT

(71) **CAMBRIDGE CONSULTANTS LIMITED** [GB/GB]; Science Park, Milton Road, Cambridge CB4 4DW (GB).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARNARDO, Christopher, John, Andrew** [GB/GB]; 42 Grange Road, Bishops Stortford, Hertfordshire CM23 5NQ (GB). **FRYER, Christopher, James, Newton** [GB/GB]; 149 High Street, Cottenham, Cambridgeshire CB4 8SD (GB).

(74) **DIXON, Philip, Matthew**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) GB US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H05B 37/00**

(11) **WO 00/72639** (13) A1

(21) PCT/US00/13558

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/315,614 **20 May/mai 1999** US **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SYSTEM FOR PROMOTING PASSIVE END OF LIFE LIGHT SOURCE FAILURE
• SYSTEME PERMETTANT DE FAVORISER UN GRILLAGE PASSIF D'UNE SOURCE LUMINEUSE EN FIN DE VIE

(71) **HOLOPHANE CORPORATION** [—/US]; 214 Oakwood Avenue, Newark, OH 43055 (US).

(72) **GREEN, John, D.**; 190 Victoria Drive, Granville, OH 43023 (US).

(74) **SCHWARTZ, Paul, M.** et al. / etc.; Schwartz & Schwartz P.L.C., Suite 200, 29623 Northwestern Highway, Southfield, MI 40834 (US).

(81) CA CN JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H05B 41/295, 41/298**

(11) **WO 00/72640** (13) A1

(21) PCT/EP00/03573

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) de (26) de

(30) 199 23 945.2 **25 May/mai 1999** DE **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRONIC BALLAST FOR AT LEAST ONE LOW-PRESSURE DISCHARGE LAMP
• BALLAST ELECTRONIQUE DESTINE A AU MOINS UNE LAMPE A DECHARGE BASSE TENSION

(71) **TRIDONIC BAUELEMENTE GMBH** [AT/AT]; Färbergasse 15, A-6851 Dornbirn (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KLIEN, Dietmar** [AT/AT]; Hirma 19, A-6841 Mäder (AT).

(74) **SCHMIDT-EVERS, Jürgen**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (DE).

(81) AU BR NO NZ SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H05B 41/295**

(11) **WO 00/72641** (13) A1

(21) PCT/EP00/04194

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 99201579.2 **19 May/mai 1999** EP **(19.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CIRCUIT ARRANGEMENT
• AGENCEMENT DE CIRCUIT

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **SIMPELAAR, Bennie, I., P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BOSMA, Rudolphus, H., A.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

---

(51)[7] **H05B 41/298**

(11) **WO 00/72642** (13) A1

(21) PCT/EP00/03572

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) de (26) de

(30) 199 23 946.0 **25 May/mai 1999** DE **(25.05.1999)**

(30) 199 34 687.9 **23 Jul/juil 1999** DE **(23.07.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • ELECTRONIC BALLAST FOR AT LEAST ONE LOW-PRESSURE DISCHARGE LAMP
• BALLAST ELECTRONIQUE DESTINE A AU MOINS UNE LAMPE A DECHARGE BASSE TENSION

(71) **TRIDONIC BAUELEMENTE GMBH** [AT/AT]; Färbergasse 15, A-6851 Dornbirn (AT).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOCH, Stefan** [AT/AT]; Mittelforach 8, A-6850 Dornbirn (AT). **MARENT, Günter** [AT/AT]; Marktstrasse 65, A-6850 Dornbirn (AT).

(74) **SCHMIDT-EVERS, Jürgen**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (DE).

(81) AU BR JP MX NO NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H05K 1/03**

(11) **WO 00/72643** (13) A1

(21) PCT/US00/14243

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 60/136,034 **26 May/mai 1999** US **(26.05.1999)**

(30) 09/573,216 **19 May/mai 2000** US **(19.05.2000)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • FABRICATION OF UNIDIRECTIONAL LAMINATE PREPREGS USING TAPE CASTING METHODS AND EQUIPMENT
• FABRICATION DE PREIMPREGNES LAMINES UNIDIRECTIONNELLEMENT PAR PROCEDES DE COULAGE EN BANDE ET LEURS EQUIPEMENTS

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44411 (US).

(72) **NOVICH, Bruce, E.**; 1035 Highmont Road, Pittsburgh, PA 15232 (US).

(74) **SIMINERIO, Andrew, C.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(81) CA CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[7] **H05K 1/11, 3/40, 3/46, H01L 23/12, 21/60**

(11) **WO 00/72644** (13) A1

(21) PCT/JP00/02879

(22) **1 May/mai 2000 (01.05.2000)**

(25) ja (26) ja

(30) 11/144275 **25 May/mai 1999** JP **(25.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • SHEET FOR PRINTED WIRING BOARD, METHOD OF FORMING VIA, RESIN SHEET HAVING FILLED VIA, PRINTED WIRING BOARD AND METHOD OF MANUFACTURING THE SAME

• FEUILLE POUR CARTE DE CIRCUITS IMPRIMES, PROCEDE DE FORMATION DE TROU D'INTERCONNEXION, FEUILLE DE RESINE A TROU D'INTERCONNEXION CHARGE, CARTE DE CIRCUITS IMPRIMES ET PROCEDE DE FABRICATION ASSOCIE

(71) **MITSUI MINING & SMELTING CO., LTD.** [JP/JP]; 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (JP). **SUZUKI CO., LTD.** [JP/JP]; 2150-1, Oaza Ogawara, Suzaka-shi, Nagano 382-8588 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAKAMURA, Toshiyuki** [JP/JP]; Suzuki Co., Ltd., 2150-1, Oaza Ogawara, Suzaka-shi, Nagano 382-8588 (JP). **TANAKA, Hideto** [JP/JP]; Suzuki Co., Ltd., 2150-1, Oaza Ogawara, Suzaka-shi, Nagano 382-8588 (JP). **ICHIRYU, Akira** [JP/JP]; Mitsui Mining & Smelting Co., Ltd., Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP). **TAKAHASHI, Motonobu** [JP/JP]; Mitsui Mining & Smelting Co., Ltd., Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP). **ISHII, Masato** [JP/JP]; 4-19-15, Higashi Toyoda, Hino-shi, Tokyo 191-0052 (JP). **ARAI, Daisuke** [JP/JP]; Mitsui Mining & Smelting Co., Ltd., Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP).

(74) **SUZUKI, Shunichiro**; Suzuki & Associates, Gotanda Yamazaki Building 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H05K 3/00, 3/46, 1/02, B23K 26/00**

(11) **WO 00/72645** (13) A1

(21) PCT/JP00/03288

(22) **23 May/mai 2000 (23.05.2000)**

(25) ja (26) ja

(30) 11/143689 **24 May/mai 1999** JP **(24.05.1999)**

(30) 11/371292 **27 Dec/déc 1999** JP **(27.12.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • LASER MACHINING OF PLASTIC FILM OF CIRCUIT BOARD, AND METHOD OF MANUFACTURING CIRCUIT BOARD

• USINAGE AU LASER DE FILMS PLASTIQUES D'UNE CARTE A CIRCUITS, ET PROCEDE DE FABRICATION D'UNE TELLE CARTE A CIRCUIT

(71) **NIPPON STEEL CHEMICAL CO., LTD.** [JP/JP]; 21-11, Nishi-gotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TANAKA, Takashi** [JP/JP]; Electronic Materials Research & Development Center, Nippon Steel Chemical Co., Ltd., Tsukiji 1, Kisarazu-shi, Chiba 292-0835 (JP). **KOHNO, Mitsuru** [JP/JP]; Electronic Materials Research & Development Center, Nippon Steel Chemical Co., Ltd., Tsukiji 1, Kisarazu-shi, Chiba 292-0835 (JP). **II, Masakazu** [JP/JP]; Electronic Materials Research & Development Center, Nippon Steel Chemical Co., Ltd., Tsukiji 1, Kisarazu-shi, Chiba 292-0835 (JP). **YOSHIZAWA, Keiji** [JP/JP]; Electronic Materials Research & Development Center, Nippon Steel Chemical Co., Ltd., Tsukiji 1, Kisarazu-shi, Chiba 292-0835 (JP).

(74) **NARUSE, Katsuo**; Central Shinbashi Building, 5th floor, 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP) et al. / etc.

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

---

(51)[7] **H05K 7/00**

(11) **WO 00/72646** (13) A2

(21) PCT/US00/13803

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/316,742 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • CABLE MANAGEMENT RACK FOR TELECOMMUNICATION CROSS-CONNECT SYSTEMS

• BATI D'ORGANISATION DE FILS DESTINE A DES SYSTEMES D'INTERCONNEXION EN TELECOMMUNICATION

(71) **ADC TELECOMMUNICATIONS, INC.** [US/US]; 12501 Whitewater Drive, Minnetonka, MN 55343 (US).

(72) **MENDOZA, Jose-Filonel, Tawag**; 6148 Noble Avenue North, Brooklyn Center, MN 55429 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H05K 9/00, 1/00**

(11) **WO 00/72647** (13) A1

(21) PCT/SE00/00957

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9901845-9 **20 May/mai 1999** SE **(20.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • INSULATION BARRIER ON A PRINTED CIRCUIT BOARD

• BARRIÈRE ISOLANTE D'UNE CARTE À CIRCUIT IMPRIMÉ

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BELWON, Waldemar** [SE/SE]; Släggkastargatan 4, S-722 41 Västerås (SE). **ERIKSSON, Anders** [SE/SE]; Geijersgatan 16, S-723 35 Västerås (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

---

(51)[7] **H05K 9/00**

(11) **WO 00/72648** (13) A1

(21) PCT/US00/12644

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/316,459 **21 May/mai 1999** US **(21.05.1999)**

(43) 30 Nov/nov 2000 (30.11.2000)

(54) • RADIATING ENCLOSURE

• ENCEINTE RAYONNANTE

(71) **OMNIPOINT CORPORATION** [US/US]; VoiceStream Wireless Corporation, 3650 131st Avenue, S.E. Bellevue, WA 98006 (US).

(72) **BARABASH, Darrell, W.**; 3216 Shady Glen Drive, Grapevine, TX 76051 (US).

(74) **HEMMINGER, Steven, D.**; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).