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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

Vol. 130, No. 30 July 23, 2002

Vol. 130, N° 30 le 23 juillet 2002

Canada

CIPO  OPIC

THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until further notice, after which copies will be available for a fee.

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Avis important aux abonnés

Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

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Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'à nouvel ordre, après quoi des frais s'appliqueront.

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Site Web : <http://opic.gc.ca> sous la rubrique Communiquer avec nous, Demandes de renseignements reliés à la propriété intellectuelle

Courriel : cipo.contact@ic.gc.ca

Téléphone : (819) 997-1936 (de 8h à 16h45 HNE)

Télécopieur : (819) 953-7620 (fonctionne 24 heures sur 24)

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application

- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date

- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des données bibliographiques". Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit:

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée

- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris

- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant

- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

Avis

2. Country Code

A complete list of country codes has been published in the issue of October 24, 2000 and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

5. How to Purchase Paper Copies of Canadian Patents and Canadian Laid-Open Applications

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by visiting our web site at www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$.50 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 24 octobre 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

5. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en visitant notre site web à l'adresse suivante www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 0.50\$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Notices

6. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of .50\$ per page from the Patent Office.

7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

8. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the Patent Act. Applications for a compulsory licence are made to the Commissioner of Patents.

9. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the Patent Office Record indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

6. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

7. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

8. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la Loi sur les brevets. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

9. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la Gazette du Bureau des brevets, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

Avis

10. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing.

2,112,570

11. Laid-Open Applications

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the Patent Act). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the Patent Rules. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

12. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

2,112,570

11. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la Loi sur les brevets). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des Règles sur les brevets. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

12. Langue du document publié

Toute personne intéressée d'obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

Notices

13. Patent Cooperation Treaty (PCT)

13. Traité de coopération en matière de brevets (PCT)

SCHEDULE OF FEES APPLICABLE AS OF JANUARY 3, 2002

BARÈME DE TAXES À PARTIR DU 03 JANVIER 2002

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee:	639.00
Amount for each additional sheet over 30	15.00
3. Designation Fee: (Rule 15.2(a))	138.00
The maximum that can be charged for the Designation Fee is \$690.00; therefore, if more than 5 countries are designated the fee remains \$690.00	

4. **International Search Fee** 1,360.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5. **Late Payment Fee** 50% of the fees that are due, or, Minimum: Transmittal Fee
Maximum: Basic Fee

Preliminary Examination

6. **Handling Fee:** (Rule 57.2(a)) 159 Euro Dollars

7. **Preliminary Examination Fee:** (Rule 58) 1,530 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office. Please note that the European Patent Office will NOT consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

* International fees will be reduced by \$197.00 for all applications filed using PCT-Easy.

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base:	639,00
Montant pour chaque feuille au delà de 30	15,00
3. Taxe de désignation (par pays) (Règle 15.2(a))	138,00
Le maximum payable pour la taxe de désignation est de 690,00 \$; donc, si plus que 5 pays sont désignés, la taxe demeure 690,00 \$.	

4. **Taxe de recherche internationale** 1 360,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. **Taxe pour paiement tardif** 50% du montant impayé, ou, Minimum: taxe de transmission
Maximum: taxe de base

Examen préliminaire

6. **Taxe de traitement:** (Règle 57.2(a)) 159 dollars euro

7. **Taxe d'examen préliminaire:** (Règle 58) 1 530 dollars euro

Les taxes d'examen préliminaire Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées à l'Office récepteur du Canada. Veuillez noter que l'Office européen NE considérera PAS les honoraires comme étant reçu jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par fax de la traite bancaire au 011-4889-2399-4465.

*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Avis

14. PCT Notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by E-Mail at publications.mail@wipo.int or visit their website at <http://www.wipo.int>.

15. Canadian Laid-Open Applications

The Patent Office Record of July 23, 2002 contains laid-open applications from June 30, 2002 - July 6, 2002.

14. Avis PCT

Exigences des signatures du PCT

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à publications.mail@wipo.int ou visiter leur site web à <http://www.wipo.int>.

15. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 30 juin 2002 - 6 juillet 2002.

Canadian Patents Issued

July 23, 2002

Brevets canadiens délivrés

23 juillet 2002

[11] **1,341,378**
[13] C

[52] 343-31 332-41
[51] **Int.Cl. 7G01S 13/32 7H03C 3/09**
[25] EN
[54] **APPARATUS AND METHOD FOR FREQUENCY MODULATION**
[54] **DISPOSITIF ET PROCÉDE DE MODULATION DE LA FREQUENCE**
[72] Burrier, Richard W., US
[72] Hanson, James T., US
[73] Raytheon Company, US
[21] **458,929**
[22] 1984-07-16

[11] **1,341,379**
[13] C

[52] 530-15.14
[51] **Int.Cl. 7C07K 14/81 7C07K 1/14 7A61K 38/57**
[25] EN
[54] **PURIFIED ANTITHROMBIN-III AND METHODS OF PRODUCING THE SAME**
[54] **ANTITHROMBINE III PURIFIEE ET LEUR METHODE DE PREPARATION**
[72] Honda, Yoshinobu, JP
[72] Itagaki, Yoshio, JP
[72] Morisada, Yasuaki, JP
[72] Nishii, Ryouzi, JP
[72] Matsumoto, Isahiko, JP
[73] Wilfide Corporation, JP
[21] **597,405**
[22] 1989-04-21
[30] JP (63-105783) 1988-04-28
[30] JP (63-155740) 1988-06-22

[11] **2,013,393**
[13] C

[51] **Int.Cl. 5B65D 51/20**
[25] EN
[54] **BIDIRECTIONAL SCORING**
[54] **COUVERCLE A DECOUPE D'OUVERTURE PRE-INCISEE, DECHIRABLE A LA MAIN**
[72] Conard, William A., US
[73] THE WEST COMPANY INCORPORATED, US
[22] 1990-03-29
[30] US (07/497,550) 1990-03-22

[11] **2,023,588**
[13] C

[51] **Int.Cl. 5B65D 17/32 5B65D 17/34**
[25] EN
[54] **CAN TOP**
[54] **COUVERCLE POUR BOITE METALLIQUE**
[72] AMABILI, Arnaldo, CA
[73] AMABILI, Arnaldo, CA
[22] 1990-08-20

[11] **2,027,038**
[13] C

[51] **Int.Cl. 5C08F 2/34 5C08F 210/02 5C08F 210/08**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF ETHYLENE-BUTENE-1 COPOLYMERS HAVING AN ULTRALOW DENSITY**
[54] **METHODE DE PREPARATION DE COPOLYMERES D'ETHYLENE ET DE BUT-1-ENE A DENSITE ULTRA-FAIBLE**
[72] Mirra, Mauro, IT
[72] Langianni, Elio, IT
[72] Masi, Francesco, IT
[72] Invernizzi, Renzo, IT
[72] Masini, Sergio, IT
[73] Enimont Anic S.r.l., IT
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[30] IT (21 934 A/89) 1989-10-06

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[25] EN
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[54] **REACTIF POUR MESURER LES LEUCOCYTES ET L'HEMOGLOBINE SANGUINS**
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[73] SYSMEX CORPORATION, JP
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[30] JP (116658/1990) 1990-05-02

[11] **2,035,504**
[13] C

[51] **Int.Cl. 5B32B 35/00 5B29C 73/02 5B29C 73/10 5F16L 55/17 5F16L 55/175 5F16L 55/18**
[25] EN
[54] **PROCESS FOR REPAIRING PLASTIC COATINGS ON METAL TUBING**
[54] **PROCEDE DE REPARATION DES REVETEMENTS PLASTIQUES APPLIQUES SUR DE LA TUYAUTERIE METALLIQUE**
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[72] Rigosi, Gian Luigi, IT
[73] MONTELL NORTH AMERICA INC., US
[22] 1991-02-01
[30] IT (19271 A/90) 1990-02-06

[11] **2,037,546**
[13] C

[51] **Int.Cl. 5A61F 5/01**
[25] EN
[54] **SUPPORTER**
[54] **ELEMENT DE SOUTIEN**
[72] Shiono, Katuaki, JP
[73] ALCARE Co., Ltd., JP
[22] 1991-03-05
[30] JP (2-54265) 1990-03-05

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[72] Wright, Charles D., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[22] 1991-03-12
[30] US (502,333) 1990-03-30

[11] **2,040,865**
[13] C
[51] **Int.Cl. 5A61K 31/00**
[25] EN
[54] **METHOD FOR PREVENTING, STABILIZING OR CAUSING REGRESSION OF ATHEROSCLEROSIS EMPLOYING A COMBINATION OF A CHOLESTEROL LOWERING DRUG AND AN ACE INHIBITOR**
[54] **METHODE VISANT A PREVENIR, STABILISER OU REDUIRE L'ATHEROSCLEROSE ET REPOSANT SUR L'UTILISATION CONJOINTE D'UN MEDICAMENT A EFFET HYPOCHOLESTEROLEMIANT ET D'UN INHIBITEUR DE L'ENZYME DE CONVERSION**
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[72] Tschollar, Werner, US
[72] Yonce, Cary S., US
[72] Kawano, James C., US
[73] E.R. SQUIBB AND SONS, INC., US
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[30] US (524,266) 1990-05-15

[11] **2,041,594**
[13] C
[51] **Int.Cl. 5C07D 513/04 5C07D 513/14 5A61K 31/55**
[25] EN
[54] **PYRIDO-2,3-F-1,4|THIAZEPINES AND PYRIDO-3,2-B-1,5|BENZOTHIAZEPINES**
[54] **PYRIDO-2,3-F-1,4|THIAZEPINES ET PYRIDO-3,2-B-1,5|BENZOTHIAZEPINES**
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[72] Schwender, Charles F., US
[72] Dodd, John H., US
[73] ORTHO PHARMACEUTICAL CORPORATION, US
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[30] US (518,351) 1990-05-03

[11] **2,041,613**
[13] C
[51] **Int.Cl. 5G05D 7/00**
[25] EN
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[54] **CONE REGULATEUR**
[72] Wessman, Bo, SE
[73] TETRA LAVAL HOLDINGS & FINANCE, S.A., CH
[22] 1991-05-01
[30] SE (9001727-8) 1990-05-14

[11] **2,042,503**
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[51] **Int.Cl. 5C07H 15/252 6C07K 16/30 6C07K 14/435 5C07C 323/48 5A61K 47/48 5C07D 213/71**
[25] EN
[54] **NOVEL BIFUNCTIONAL LINKING COMPOUNDS, CONJUGATES AND METHODS FOR THEIR PRODUCTION**
[54] **COMPOSES DE LIAISON BIFONCTIONNELS, CONJUGATS ET LEURS METHODES DE PRODUCTION**
[72] Kaneko, Takushi, US
[72] Willner, David, US
[72] Monkovic, Ivo, US
[72] Greenfield, Robert S., US
[72] Braslawsky, Gary R., US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 1991-05-14
[30] US (522,996) 1990-05-14

[11] **2,042,563**
[13] C
[51] **Int.Cl. 5H04B 7/005**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING A SIGNAL WITH AN OFFSET WHICH FOLLOWS A RECEIVED SIGNAL**
[54] **METHODE ET APPAREIL POUR EMETTRE UN SIGNAL APRES LA RECEPTION D'UN SIGNAL AYANT UN DECALAGE**
[72] Suzuki, Mitsuhiro, JP
[72] Kunihiro, Takushi, JP
[73] SONY CORPORATION, JP
[22] 1991-05-14
[30] JP (P127585/90) 1990-05-17

[11] **2,042,985**
[13] C
[51] **Int.Cl. 5G02B 6/24 5H04B 10/20**
[25] EN
[54] **MULTI-PART OPTICAL FIBRE CONNECTORS**
[54] **CONNECTEURS DE FIBRE OPTIQUE MULTIPIECES**
[72] Longhurst, Philip C., GB
[73] Bicc Public Limited Company, GB
[22] 1991-05-21
[30] GB (9011424.0) 1990-05-22

[11] **2,043,009**
[13] C
[51] **Int.Cl. 5E21B 43/28**
[25] EN
[54] **METHOD OF IMPROVING FORMATION PERMEABILITY USING CHLORINE DIOXIDE**
[54] **METHODE DESTINEE A AMELIORER LA PERMEABILITE D'UNE FORMATION A L'AIDE DE BIOXYDE DE CHLORE**
[72] McDougall, Lee A., US
[72] Williams, Dennis A., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[22] 1991-05-22
[30] US (538,572) 1990-06-15

[11] **2,045,441**
[13] C
[51] **Int.Cl. 5E21B 43/10 5E21B 33/14**
[25] EN
[54] **ANTI-ROTATION DEVICE FOR CEMENTING PLUGS WITH DEFORMABLE PERIPHERAL "FINS" OR "LIPS"**
[54] **DISPOSITIF ANTIGIRATOIRE A AILETTES OU LIVRES PERIPHERIQUES POUR BOUCHON DE CIMENTATION**
[72] Buisine, Paul, FR
[72] Lavaure, Gilbert, FR
[73] DOWELL SCHLUMBERGER CANADA INC., CA
[22] 1991-06-25
[30] FR (9008305) 1990-06-26

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[11] **2,048,278**
[13] C

[51] **Int.Cl. 5G01M 11/02 5H04B 10/08**
[25] EN
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[54] **REFLECTOMETRIE A COHERENCE OPTIQUE INDEPENDANTE DE LA POLARISATION**
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[72] Heffner, Brian L., US
[73] AGILENT TECHNOLOGIES, INC., US
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[30] US (610,188) 1990-11-07

[11] **2,049,807**
[13] C

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[25] EN
[54] **SMOKING ARTICLE**
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[72] Houghton, Kenneth S., US
[72] Lanzillotti, Harry V., US
[72] Sanders, Edward B., US
[72] Lilly, A. Clifton, Jr., US
[72] Hayward, Charles R., US
[72] Hearn, John R., US
[72] Losee, D. Bruce, Jr., US
[72] Fleischhauer, Grier S., US
[72] Houck, Willie G., US
[73] Philip Morris Products Inc., US
[22] 1991-08-23
[30] US (07/571,730) 1990-08-24

[11] **2,049,913**
[13] C

[51] **Int.Cl. 5A61B 17/56**
[25] EN
[54] **EXPANDABLE SPINAL IMPLANT AND SURGICAL METHOD**
[54] **IMPLANT MEDULLAIRE EXPANSIF ET METHODE CHIRURGICALE**
[72] Kuslich, Stephen D., US
[73] SULZER SPINE-TECH INC., US
[22] 1991-08-26

[11] **2,050,729**
[13] C

[51] **Int.Cl. 5B22D 41/34**
[25] EN
[54] **CLAMP FOR BANDLESS REFRACTORY AND METHOD**
[54] **BRIDE DE FIXATION POUR REFRACTAIRE ET METHODE DE FIXATION**
[72] King, Patrick D., US
[73] Flo-Con Systems, Inc., US
[22] 1991-09-05
[30] US (591,067) 1990-10-01

[11] **2,051,092**
[13] C

[51] **Int.Cl. 5C12N 1/04 5F25D 31/00 5A01N 1/00 5C12N 5/02**
[25] EN
[54] **METHOD AND APPARATUS FOR CRYOPREPARATION, DRY STABILIZATION AND REHYDRATION OF BIOLOGICAL SUSPENSIONS**
[54] **METHODE ET APPAREILLAGE POUR LA CRYOPRESERVATION, LA STABILISATION A SEC ET LA REHYDRATATION DE SUSPENSIONS BIOLOGIQUES**
[72] Livesey, Stephen A., ZZ
[72] Del Campo, Anthony A., ZZ
[72] Nag, Abhijit, ZZ
[72] Nichols, Ken B., ZZ
[72] Piuanno, Carmen, ZZ
[72] Ross, David P., ZZ
[73] LIFECELL CORPORATION, US
[22] 1991-09-10
[30] US (581,584) 1990-09-12
[30] US (709,504) 1991-06-03

[11] **2,051,345**
[13] C

[51] **Int.Cl. 5C08L 77/00 5C08L 51/04 5C08L 51/06**
[25] EN
[54] **POLYAMIDE/POLYPROPYLENE BLENDS**
[54] **MELANGES DE POLYAMIDE/POLYPROPYLENE**
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[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[22] 1991-09-13
[30] DE (P 40 29 226.6) 1990-09-14

[11] **2,053,100**
[13] C

[51] **Int.Cl. 5A23F 5/36**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF SOLUBLE INSTANT COFFEE IN POWDER FORM**
[54] **PROCEDE POUR LA PRODUCTION DE CAFE INSTANTANE SOLUBLE SOUS FORME DE POWDRE**
[72] Schlecht, Klaus, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 1991-10-09
[30] EP (90120388.5) 1990-10-24

[11] **2,055,049**
[13] C

[51] **Int.Cl. 5C08F 4/64 5C08F 10/00 5C08F 32/00 5C08F 36/00**
[25] FR
[54] **SOLIDE CATALYTIQUE UTILISABLE POUR LA POLYMERISATION STEREOSPECIFIQUE DES ALPHA-OLEFINES, PROCEDE POUR LE PREPARER ET PROCEDE POUR POLYMERISER DES ALPHA-OLEFINES EN SA PRESENCE**
[54] **CATALYTIC SOLID USEFUL FOR THE STEREOSPECIFIC POLYMERIZATION OF ALPHA-OLEFINS, PROCESS FOR THEIR PREPARATION AND PROCESS FOR ALPHA-OLEFIN POLYMERIZATION IN PRESENCE OF SAID SOLID**
[72] Costa, Jean-Louis, BE
[72] Pamart, Sabine, BE
[73] SOLVAY POLYOLEFINS EUROPE - BELGIUM (SOCIÉTÉ ANONYME), BE
[22] 1991-11-06
[30] BE (09001054) 1990-11-08

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[13] C

[51] Int.Cl. 5A61K 31/70 5A23L 1/30
[25] EN
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[54] SACCHARIDE COMME SOURCE D'ENERGIE POUR UN ORGANISME VIVANT ET SES USAGES
[72] Shibuya, Takashi, JP
[72] Chaen, Hiroto, JP
[72] Sakai, Shuzo, JP
[72] Miyake, Toshio, JP
[73] Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, JP
[22] 1991-11-12
[30] JP (268683/1991) 1991-09-20
[30] JP (268684/1991) 1991-09-20

[11] 2,055,549
[13] C

[51] Int.Cl. 5E21B 43/24
[25] EN
[54] RECOVERING HYDROCARBONS FROM TAR SAND OR HEAVY OIL RESERVOIRS
[54] EXTRACTION D'HYDROCARBURES DE RESERVOIRS DE PETROLE LOURD OU DE SABLES BITUMINEUX
[72] Ong, Tee Sing, CA
[72] Hamm, Ronald Alvin, CA
[73] SHELL CANADA LIMITED, CA
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[11] 2,055,941
[13] C

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[72] McMordie, Bruce G., US
[72] Eddinger, Kevin B., US
[73] Sermatech International, Inc., US
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[11] 2,056,074
[13] C

[51] Int.Cl. 5E21B 43/22 5E21B 43/267
[25] EN
[54] GELLABLE AQUEOUS COMPOSITIONS CONTAINING POLYMERS WITH SPECIAL CHELATING FUNCTIONAL GROUPS USEFUL FOR RECOVERING OIL FROM A OIL FIELD
[54] COMPOSITIONS AQUEUSES GELIFIABLES, RENFERMANT DES POLYMERES AVEC DES GROUPES FONCTIONNELS CHELATEURS, UTILES POUR EXTRAIRE LES HYDROCARBURES D'UN GISEMENT
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[72] Bonaccorsi, Fabrizio, IT
[73] Eniricerche S.p.A., IT
[73] AGIP S.p.A., IT
[22] 1991-11-22
[30] IT (22173 A/90) 1990-11-23

[11] 2,058,597
[13] C

[51] Int.Cl. 6A61K 38/18
[25] EN
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[54] COMPOSITIONS CICATRISANTES A BASE DE FACTEUR DE CROISSANCE DE FIBROBLASTE ET D'ACIDE ASCORBIQUE
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[72] Gordon, Joel S., US
[73] JOHNSON & JOHNSON CONSUMER PRODUCTS, INC., US
[22] 1991-12-30
[30] US (636,843) 1991-01-02

[11] 2,059,060
[13] C

[51] Int.Cl. 5C12N 11/00 5C12N 5/08 5A61K 39/44
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[54] COMPLEMENTATION DES RECEPTEURS DE SURFACE DE CELLULES
[72] Coan, Michael H., US
[72] Galloway, Cynthia J., US
[72] Lee, Vivian W., US
[73] BAYER CORPORATION, US
[22] 1992-01-09
[30] US (641,211) 1991-01-15

[11] 2,060,560
[13] C

[51] Int.Cl. 6A61K 38/01 6A61K 38/06
[25] EN
[54] METHOD FOR INSURING ADEQUATE INTRACELLULAR GLUTATHIONE IN TISSUE
[54] METHODE POUR ASSURER UN APPORT SUFFISANT EN GLUTATHIONE INTRACELLULAIRE DANS LES TISSUS
[72] Rowe, W. Bruce, US
[72] Mark, David A., US
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 1992-02-03
[30] US (650,222) 1991-02-03

[11] 2,062,704
[13] C

[51] Int.Cl. 5C22C 38/40 5C22C 38/42 5C22C 38/44 5C22C 38/50
[25] EN
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[54] MATERIAU D'ALLIAGE FAIBLEMENT FERROMAGNETIQUE
[72] Okiyama, Takuji, JP
[72] Hirota, Ryuji, JP
[72] Hara, Takuji, JP
[72] Kawai, Yutaka, JP
[72] Takemoto, Toshihiko, JP
[73] Nisshin Steel Company, Ltd., JP
[22] 1992-03-11
[30] JP (3-72213) 1991-03-13

[11] 2,065,146
[13] C

[51] Int.Cl. 5C12N 15/62
[25] EN
[54] FUSION PROTEINS, THEIR PREPARATION AND USE
[54] PROTEINES DE FUSION, LEUR PREPARATION ET UTILISATION
[72] Stengelin, Siegfried, US
[72] Ulmer, Wolfgang, US
[72] Habermann, Paul, US
[72] Uhlmann, Eugen, US
[72] Seed, Brian, US
[73] HOECHST AKTIENGESELLSCHAFT, DE
[73] THE GENERAL HOSPITAL CORPORATION, US
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[86] 1990-08-28 (PCT/US1990/004840)
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[30] US (399,874) 1989-08-29

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[13] C

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[25] EN
[54] **CONJUGATE VACCINE FOR GROUP B STREPTOCOCCUS**
[54] **VACCIN CONJUGUE POUR LES STREPTOCOQUES DU GROUPE B**
[72] Michel, James L., US
[72] Kasper, Dennis L., US
[72] Ausubel, Frederick M., US
[73] THE GENERAL HOSPITAL CORPORATION, US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, US
[85] 1992-03-06
[86] 1990-09-14 (PCT/US1990/005251)
[87] (WO1991/004049)
[30] US (408,036) 1989-09-15

[11] **2,066,885**
[13] C

[51] **Int.Cl. 5A61K 7/075**
[25] EN
[54] **HAIR SHAMPOO COMPOSITION TO IMPART IMPROVED HAIR CONDITIONING PROPERTIES**
[54] **COMPOSITION POUR SHAMPOOING AYANT UN PLUS GRAND POUVOIR REVITALISANT**
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[72] Bergmann, Wolfgang, US
[73] Helene Curtis, Inc., US
[22] 1992-04-23
[30] US (07/692,709) 1991-04-29

[11] **2,067,069**
[13] C

[51] **Int.Cl. 5C09B 57/00 5C09D 201/00 5C09D 11/02**
[25] EN
[54] **NOVEL DIKETOPYRROLOPYRROLES**
[54] **NOUVEAUX PYRROLOPYRROLES DICETONIQUES**
[72] Wooden, Gary, CH
[72] de Weck, Guy, CH
[72] Wallquist, Olof, CH
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 1992-04-24
[30] CH (1250/91-9) 1991-04-26

[11] **2,067,234**
[13] C

[51] **Int.Cl. 5C12N 9/00 5C12N 1/20**
[25] EN
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[54] **MICROORGANISMES ALCALIPHILIQUEs GRAM-NEGATIFS**
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[72] Grant, William D., GB
[72] Collins, Nadine C., GB
[73] GENENCOR INTERNATIONAL, INC., US
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[86] 1991-08-06 (PCT/NL1991/000146)
[87] (WO1992/002613)
[30] US (562,863) 1990-08-06

[11] **2,069,190**
[13] C

[51] **Int.Cl. 5A61J 3/00**
[25] EN
[54] **MEDICATION CONTAINER AND DELIVERY SYSTEM**
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[72] Bunin, Leonid, US
[73] MERCK & CO., INC., US
[22] 1992-05-21
[30] US (705,430) 1991-05-24

[11] **2,069,230**
[13] C

[51] **Int.Cl. 5H04B 7/26**
[25] EN
[54] **VEHICLE LOCATING AND COMMUNICATING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE LOCALISATION DE VEHICULES ET DE COMMUNICATION**
[72] Wortham, Larry Clifford, US
[73] @TRACK COMMUNICATIONS, INC., US
[22] 1992-05-22

[11] **2,069,255**
[13] C

[51] **Int.Cl. 6C07K 5/075 6C07K 1/14**
[25] EN
[54] **GRANULES OF .ALPHA.-L-ASPARTYL-L-PHENYLALANINE METHYL ESTER**
[54] **GRANULES D'ESTER METHYLIQUE DE L' .ALPHA.-L-ASPARTYL-L-PHENYLALANINE**
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[72] Kishimoto, Shinichi, JP
[73] AJINOMOTO CO., INC., JP
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[30] JP (222525/1991) 1991-05-24

[11] **2,070,873**
[13] C

[51] **Int.Cl. 5G08B 21/00 5B64D 43/02**
[25] FR
[54] **PROCEDE DE SIGNALISATION D'INSUFFISANCE DE MANOEUVRABILITE D'UN AERONEF ET DISPOSITIF METTANT EN OEUVRE UN TEL PROCEDE**
[54] **AIRCRAFT MANOEUVRABILITY SHORTFALL INDICATING PROCESS AND DEVICE FOR APPLYING SUCH PROCESS**
[72] Fabre, Pierre, FR
[73] Société Anonyme dite : Aérospatiale Société Nationale Industrielle, FR
[22] 1992-06-09
[30] FR (91 07335) 1991-06-14

[11] **2,072,642**
[13] C

[51] **Int.Cl. 5C12N 15/62 6C07K 19/00 5C12N 5/10 5C12N 15/12 5C12N 15/13 5C12N 15/14 5A61K 39/395 6A61K 47/48**
[25] EN
[54] **FUSION PROTEINS CONSISTING OF A LIGAND BINDING PROTEIN AND A STABLE PLASMA PROTEIN**
[54] **PROTEINES DE FUSION FORMEE D'UNE PROTEINE LIANT UN LIGAND ET D'UNE PROTEINE PLASMATIQUE STABLE**
[72] Capon, Daniel J., US
[72] Lasky, Laurence A., US
[73] GENENTECH, INC., US
[85] 1992-04-30
[86] 1990-11-21 (PCT/US1990/006849)
[87] (WO1991/008298)
[30] US (07/440,625) 1989-11-22

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[11] 2,073,504
[13] C

[51] Int.Cl. 5G01N 33/558
[25] EN
[54] DEVICE AND METHOD FOR CONDUCTING IMMUNOASSAYS
[54] APPAREIL ET METHODE POUR EXECUTER DES IMMUNODOSAGES
[72] Cole, Francis X., US
[72] Sigillo, Eric C., US
[72] MacDonnell, Paul C., US
[72] Cicia, Nancy J., US
[73] Hygeia Sciences, Inc., US
[85] 1992-07-08
[86] 1991-02-07 (PCT/US1991/000797)
[87] (WO1991/012528)
[30] US (475,486) 1990-02-07

[11] 2,074,720
[13] C

[51] Int.Cl. 5C12N 5/00 5G01N 33/574 5C12Q 1/68
[25] EN
[54] IMMUNE REACTIVITY TO EXPRESSED ACTIVATED ONCOGENES FOR DIAGNOSIS AND TREATMENT OF MALIGNANCY
[54] IMMUNOREACTIVITE ENVERS L'EXPRESSION D'ONCOGENES ACTIVES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TUMEURS MALIGNES
[72] Cheever, Martin A., US
[72] Peace, David J., US
[73] WASHINGTON RESEARCH FOUNDATION, US
[85] 1992-07-27
[86] 1991-01-24 (PCT/US1991/000497)
[87] (WO1991/011719)
[30] US (470,645) 1990-01-26

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[13] C

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[11] **2,117,011**
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[13] C

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[13] C

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[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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BASED CHEMICAL SOFTENING
COMPOSITION**
[54] **PRODUITS EN PAPIER
RENFERMANT UNE COMPOSITION
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CHEMICAL SOFTENING
COMPOSITION**
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PROCESS OF DISPENSING TISSUES
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CORDLESS TELEPHONE SYSTEM
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[54] **PROCEDE PERMETTANT A UN UTILISATEUR DE DISPOSER D'UN ESPACE DE NOMS D'OBJETS GLOBAUX DANS UN SYSTEME D'EXPLOITATION A UTILISATEURS MULTIPLES**
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[54] **CONTENANT AVEC GODET POUR CONDIMENT POUR PATE REFRIGEREE OU AUTRES PRODUITS ALIMENTAIRES SEMBLABLES**
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[54] **SYSTEME D'EXTRUSION AVEC DISPOSITIF DE FORMAGE**
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[54] **METHODE ET APPAREIL DE SOUDAGE A L'ARC COURT**
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[72] KIM, Jeong Hyun, KR
[72] KIM, Sun-Chang, KR
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[54] PROCEDE ET APPAREIL DE CONNEXION D'UN APPEL ENTRANT A UN SYSTEME INFORMATIQUE DEJA OCCUPE DANS UNE SESSION DE COMMUNICATION
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[51] Int.Cl. 6C04B 14/10 6F41J 1/01
[25] EN
[54] METHOD FOR MANUFACTURING TARGET OBJECTS FOR SPORT PRACTICE SHOOTING AND SPORT SHOOTING COMPETITIONS AND TARGET OBJECTS MANUFACTURED ACCORDING TO THIS METHOD
[54] METHODE DE FABRICATION DE CIBLES POUR LE TIR D'ENTRAINEMENT SPORTIF ET LES COMPETITIONS DE TIR SPORTIF ET CIBLES FABRIQUEES SELON CETTE METHODE
[72] SCHILLING, EHRHARD, DE
[72] WODY, KLAUS, DE
[72] GAESE, DAGMAR, DE
[73] RAIFFEISEN-WAREN-ZENTRALE RHEIN-MAIN E.G., DE
[73] SCHILLING, EHRHARD, DE
[73] GAESE, DAGMAR, DE
[22] 1999-10-08
[30] DE (198 46 782.6-25) 1998-10-10

[11] 2,286,470
[13] C

[51] Int.Cl. 6H04Q 7/22 6H04L 12/56
[25] EN
[54] CELLULAR SYSTEM ARCHITECTURES SUPPORTING DATA SERVICES
[54] ARCHITECTURES DE SYSTEME CELLULAIRE PRENANT EN CHARGE LES SERVICES DE TRANSMISSION DE DONNEES
[72] DOSHI, BHARAT TARACHAND, US
[72] SAWKAR, ANIL S., US
[72] NANDA, SANJIV, US
[72] EJZAK, RICHARD PAUL, US
[72] TREVENTI, PHILIP ANDREW, US
[72] DRAVIDA, SUBRAHMANYAM, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1997-03-12
[62] 2,199,763
[30] US (630,147) 1996-04-10

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[11] **2,288,162**
[13] C

[51] **Int.Cl. 6B66F 11/04 6B66F 1/08**
[25] EN
[54] **SELF ERECTING SCAFFOLDING**
[54] **ECHAFAUDAGE A ERECTION**
AUTOMATIQUE
[72] TESSIER, LUC, CA
[72] ST-GERMAIN, ANDRE, CA
[73] LES PRODUITS FRACO LIMITEE,
CA
[85] 1999-10-29
[86] 1997-05-05 (PCT/CA1997/000307)
[87] (WO1998/050301)

[11] **2,289,105**
[13] C

[51] **Int.Cl. 7C01B 33/12 7C08K 3/36**
[25] EN
[54] **IMPROVED SILICA PRODUCT**
FOR USE IN ELASTOMERS
[54] **PRODUIT A BASE DE SILICE**
AMELIORE S'UTILISANT DANS DES
ELASTOMERES
[72] FULTZ, WILLIAM C., US
[72] MARTIN, MICHEL J., US
[72] BEAVERS, MARK A., US
[73] J.M. HUBER CORPORATION, US
[85] 1999-11-01
[86] 1998-05-01 (PCT/US1998/009062)
[87] (WO1998/050306)
[30] US (08/850,813) 1997-05-02

[11] **2,292,270**
[13] C

[51] **Int.Cl. 7A01B 63/10**
[25] EN
[54] **LIFTING DEVICE FOR THE**
LOWER STEERING ARMS OF AN
ATTACHING DEVICE OF A TRACTOR
[54] **DISPOSITIF DE LEVAGE POUR**
BRAS DE DIRECTION INFERIEURS
D'UN DISPOSITIF DE FIXATION D'UN
TRACTEUR
[72] COENEN, HERBERT, DE
[73] GKN WALTERSCHEID GMBH, DE
[22] 1999-12-16
[30] DE (199 00 570.2) 1999-01-09
[30] DE (199 39 967.0) 1999-08-23

[11] **2,303,035**
[13] C

[51] **Int.Cl. 7F04B 1/22 7F16H 39/14**
[25] EN
[54] **SWASH PLATE TYPE HYDRAULIC**
UNIT
[54] **DISPOSITIF HYDRAULIQUE A**
PLATEAUX INCLINES
[72] HAYASHI, TSUTOMU, JP
[72] OKUZAKI, HIDEO, JP
[72] TAKAHASHI, MASAKO, JP
[72] NAKAJIMA, YOSHIHIRO, JP
[73] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[85] 2000-03-10
[86] 1998-08-21 (PCT/JP1998/003702)
[87] (WO1999/013222)
[30] JP (9-246857) 1997-09-11

[11] **2,303,598**
[13] C

[51] **Int.Cl. 7G01N 33/577 7C12P 21/08**
7C12N 5/18 7G01N 33/573 7G01N 33/574
[25] EN
[54] **TANDEM IMMUNO-ASSAY FOR**
CANCER
[54] **DOSAGE IMMUNOLOGIQUE EN**
TANDEM POUR DIAGNOSTIQUER LE
CANCER
[72] PULIDO-CEJUDO, GABRIEL, CA
[73] HER MAJESTY THE QUEEN IN
RIGHT OF CANADA AS REPRESENTED
BY THE MINISTER OF HEALTH, CA
[73] CANBREAL THERODIAGNOSTICS
CANADIAN HOLDING CORPORATION,
CA
[22] 2000-03-30
[30] CA (2,267,481) 1999-03-30

[11] **2,318,058**
[13] C

[51] **Int.Cl. 6E01F 15/00**
[25] EN
[54] **CRASH BARRIER ESPECIALLY**
FOR ROADS AND BRIDGES
[54] **GLISSIERES DE SECURITE,**
NOTAMMENT POUR ROUTES ET
PONTS
[72] JOHANSSON, JERZY KRYSZOF, SE
[73] BCC BALTIC CONSTRUCTION
COMPANY AB, SE
[85] 2000-07-12
[86] 1999-01-13 (PCT/SE1999/000027)
[87] (WO1999/036630)
[30] SE (9800053-2) 1998-01-13

[11] **2,320,839**
[13] C

[51] **Int.Cl. 6H01S 3/109**
[25] EN
[54] **HIGH EFFICIENCY**
INTRACAVITY DOUBLED LASER AND
METHOD
[54] **LASER DOUBLE A INTRACAVITE,**
A HAUT RENDEMENT, ET PROCEDE
ASSOCIE
[72] XIE, PING, US
[72] MACKINNON, NEIL, US
[73] JDS UNIPHASE CORPORATION, US
[85] 2000-08-18
[86] 1998-09-10 (PCT/US1998/018957)
[87] (WO1999/018639)
[30] US (08/947,203) 1997-10-08

[11] **2,329,145**
[13] C

[51] **Int.Cl. 7A23P 1/08 7B05B 1/02**
[25] EN
[54] **DRUM COATING: APPARATUS**
AND METHODS
[54] **REVETEMENT DE TAMBOUR:**
APPAREIL ET PROCEDES
[72] BEHNKE, RONALD J., US
[72] ROUFS, JOHN G., US
[72] DAWES, DEREK D., US
[72] HURD, RONALD D., US
[72] VEENHUIS, GARY C., US
[72] GODSEY, GREGORY L., US
[73] GENERAL MILLS, INC., US
[22] 1995-05-26
[62] 2,194,291
[30] US (08/259,709) 1994-06-14

[11] **2,350,172**
[13] C

[51] **Int.Cl. 7H04N 5/225**
[25] EN
[54] **VIDEO CAMERA**
[54] **CAMERA VIDEO**
[72] TOMINAGA, HIDETO, JP
[72] NAKAYA, MITSUYOSHI, JP
[72] MINAMI, KATSUJI, JP
[72] SAKAI, MITSUJI, JP
[72] MURAMOTO, SEIJI, JP
[73] SHARP KABUSHIKI KAISHA, JP
[22] 1999-11-04
[62] 2,288,451
[30] JP (10-317296) 1998-11-09
[30] JP (11-058259) 1999-03-05
[30] JP (11-177594) 1999-06-24

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[11] **2,362,031**
[13] C

[51] **Int.Cl. 7F16B 39/32**

[25] EN

[54] **LOCKING NUT AND BOLT
SYSTEM**

[54] **SYSTEME ECROU ET BOULON**

[72] STANLEY, CARL RICHARD, US

[72] DISTASIO, ROBERT J., US

[72] BOWLING, STEPHEN G., US

[73] PERMANENT TECHNOLOGIES,
INC., US

[22] 1996-12-19

[62] 2,251,053

[30] US (60/015,230) 1996-04-10

[30] US (60/015,980) 1996-04-15

[30] US (08/747,323) 1996-11-12

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[21] 2,329,365 [13] A1 [51] Int.Cl. 7H04N 5/64 [25] EN [54] THE ENTERTAINMENT GUARD [54] PROTECTEUR POUR APPAREIL DE DIVERTISSEMENT [72] MURRAY, TRENA, CA [72] SPIEGLER, JOSEPH, CA [71] MURRAY, TRENA, CA [71] SPIEGLER, JOSEPH, CA [22] 2001-01-02 [43] 2002-07-02	[21] 2,330,002 [13] A1 [51] Int.Cl. 7F16L 55/045 [25] EN [54] WATER HAMMERING PREVENTION DEVICE [54] DISPOSITIF DE PREVENTION DES COUPS DE BELIER [72] MATSUURA, NOBUYUKI, JP [72] KATOU, MAKOTO, JP [71] KANE KOUGYOU CO., LTD., JP [22] 2001-01-02 [43] 2002-07-02	[21] 2,330,073 [13] A1 [51] Int.Cl. 7A47C 3/00 7A47C 7/00 [25] EN [54] CLAMPING DEVICE FOR CONTROLLING ROTATION OF A CHAIR ABOUT A SUPPORT SHAFT OF A BASE FRAME [54] DISPOSITIF DE SERRAGE POUR COMMANDER LA ROTATION D'UN FAUTEUIL AUTOUR DE L'ARBRE DE SOUTIEN D'UN BÂTI DE BASE [72] MERCIER, CHARLES, CA [72] LAVERDIERE, GUY, CA [72] HOFFMAN, MARC, CA [71] SILHOUET-TONE LTEE, CA [22] 2001-01-04 [43] 2002-07-04
[21] 2,329,919 [13] A1 [51] Int.Cl. 7A63B 63/00 7A63B 69/40 [25] EN [54] BALL RETURN NET DEVICE [54] DISPOSITIF POUR FILET PERMETTANT DE RECUPERER LES BALLES [72] NICKERSON, ANDREW S., CA [71] NICKERSON, ANDREW S., CA [22] 2001-01-02 [43] 2002-07-02	[21] 2,330,059 [13] A1 [51] Int.Cl. 7A01G 9/02 7A01K 63/00 7A01G 27/02 [25] EN [54] FLOWER POT [54] POT A FLEURS [72] LAI, YUAN-SONG, TW [71] LAI, YUAN-SONG, TW [22] 2001-01-04 [43] 2002-07-04	

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[21] 2,330,084
[13] A1

[51] **Int.Cl. 7F28F 3/02**
[25] EN
[54] **HEAT EXCHANGER WITH TRANSPIRED, HIGHLY POROUS FINS**
[54] **ECHANGEUR DE CHALEUR AVEC AILETTES TRES POREUSES FONCTIONNANT PAR TRANSPIRATION**
[72] KUTSCHER, CHARLES F., US
[72] GAWLIK, KEITH, US
[71] MIDWEST RESEARCH INSTITUTE, US
[22] 2001-01-03
[43] 2002-07-03

[21] 2,330,090
[13] A1

[51] **Int.Cl. 7C08K 5/3432 7C08K 5/18**
[25] EN
[54] **THERMOCHROMIC ACRYLIC SYNTHETIC FIBER, ITS PROCESSED ARTICLE, AND PROCESS FOR PRODUCING THERMOCHROMIC ACRYLIC SYNTHETIC FIBER**
[54] **FIBRE SYNTHETIQUE ACRYLIQUE THERMOCHROMIQUE, ARTICLE TRANSFORME AVEC CETTE FIBRE, ET PROCEDE DE PRODUCTION DE FIBRES SYNTHETIQUES ACRYLIQUES THERMOCHROMIQUES**
[72] ONO, YOSHIKI, JP
[72] ISHIMURA, NAOYA, JP
[72] SHIBAHASHI, YUTAKA, JP
[71] THE PILOT INK CO., LTD., JP
[22] 2001-01-03
[43] 2002-07-03

[21] 2,330,091
[13] A1

[51] **Int.Cl. 7A23K 1/18 7A23K 1/16**
[25] EN
[54] **METHOD AND COMPOSITION FOR ENHANCING MILK COMPONENT CONCENTRATIONS**
[54] **METHODE ET COMPOSITION POUR AMELIORER LES CONCENTRATIONS DE COMPOSANTS DU LAIT**
[72] LUHMAN, CINDIE M., US
[71] LAND O'LAKES, INC., US
[22] 2001-01-04
[43] 2002-07-04

[21] 2,330,094
[13] A1

[51] **Int.Cl. 7E21B 43/24**
[25] EN
[54] **STEAM-ASSISTED GRAVITY DRAINAGE PROCESS**
[54] **PROCEDE DE DRAINAGE PAR GRAVITE AU MOYEN DE LA VAPEUR**
[72] ITO, YOSHIKI, CA
[71] JAPAN CANADA OIL SANDS LIMITED, CA
[22] 2001-01-03
[43] 2002-07-03

[21] 2,330,150
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04L 12/24 7G06F 17/60**
[25] EN
[54] **ON LINE PRODUCT DISTRIBUTION AND PURCHASING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION ET D'ACHAT DE PRODUITS EN LIGNE**
[72] MORGAN, KENNETH EDWARD, US
[72] LANDON, ILENE FEINS, US
[72] SCHNELZER, DOUGLAS MICHAEL, US
[72] LERANDEAU, MICHELLE CONSTANCE, US
[71] MCKESSON HBOC, US
[22] 2001-01-03
[43] 2002-07-03

[21] 2,330,195
[13] A1

[51] **Int.Cl. 7H03M 7/06 7H04B 10/00**
[25] EN
[54] **MULTI WAVELENGTH CODING FOR DIGITAL SIGNAL PROCESSING**
[54] **CODAGE EN LONGUEURS D'ONDE MULTIPLES POUR LE TRAITEMENT DE SIGNAUX NUMERIQUES**
[72] ADAIR, RICHARD, CA
[72] OGMEN, MELIH, CA
[71] ADAIR, RICHARD, CA
[71] OGMEN, MELIH, CA
[22] 2001-01-03
[43] 2002-07-03

[21] 2,330,196
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **UNSUPERVISED INTERNET SEARCH AND A SOVEREIGN OPERATING SYSTEM**
[54] **RECHERCHE INTERNET NON SUPERVISEE ET SYSTEME D'EXPLOITATION SOUVERAIN**
[72] OGMEN, MELIH, CA
[71] OGMEN, MELIH, CA
[22] 2001-01-03
[43] 2002-07-03

[21] 2,330,199
[13] A1

[51] **Int.Cl. 7G10K 11/16**
[25] EN
[54] **SOUND ABSORBING PANEL**
[54] **PANNEAU INSONORISANT**
[72] WANG, CHAO HSIANG, TW
[71] WANG, CHAO HSIANG, TW
[22] 2001-01-04
[43] 2002-07-04

[21] 2,330,201
[13] A1

[51] **Int.Cl. 7G01D 5/12 7G01D 3/02**
[25] EN
[54] **METHOD OF OPERATING OR CONSTRUCTING A GEARTOOTH SENSOR**
[54] **METHODE D'EXPLOITATION ET DE FABRICATION D'UN DETECTEUR DE DENTS D'ENGRENAGE**
[72] HANCOCK, PETER G., US
[72] RICKS, LAMAR F., US
[72] LAMB, WAYNE A., US
[71] HONEYWELL INC., US
[22] 2001-01-03
[43] 2002-07-03

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[21] **2,330,203**
[13] A1

[51] **Int.Cl. 7G11B 20/02 7G11B 7/005**
[25] EN
[54] **SLICER ARRANGEMENT**
[54] **EMINCEUR DE SIGNAL**
[72] LANGEREIS, GERARDUS
RUDOLPH, NL
[72] COENE, WILLEM MARIE JULIA
MARCEL, NL
[72] BAGGEN, CONSTANT PAUL MARIE
JOZEF, NL
[72] BAKX, JOHANNUS LEOPOLDUS, NL
[71] KONINKLIJKE PHILIPS
ELECTRONICS N.V., NL
[22] 2001-01-03
[43] 2002-07-03

[21] **2,330,215**
[13] A1

[51] **Int.Cl. 7A43C 13/00**
[25] EN
[54] **SHOE PROTECTION DEVICE FOR
MOTORCYCLISTS**
[54] **DISPOSITIF DE PROTECTION DES
CHAUSSURES DES MOTOCYCLISTES**
[72] HEAGGANS, PRESTON L., US
[71] HEAGGANS, PRESTON L., US
[22] 2001-01-04
[43] 2002-07-04

[21] **2,330,220**
[13] A1

[51] **Int.Cl. 7B65D 71/50**
[25] EN
[54] **SIX PACK CARRIER**
[54] **SUPPORT POUR PACK DE SIX**
[72] BORG, JAMES C., US
[71] OREGON PRECISION INDUSTRIES,
INC., US
[22] 2001-01-05
[43] 2002-07-05

[21] **2,330,264**
[13] A1

[51] **Int.Cl. 7B25B 23/16**
[25] EN
[54] **ANGLE ADJUSTABLE JOINT
BETWEEN A WRENCH HEAD AND A
SHANK**
[54] **RACCORD ANGULAIRE
REGLABLE ENTRE UNE TETE DE CLE
ET UN CORPS**
[72] LEE, JACK, TW
[71] LEE, JACK, TW
[22] 2001-01-05
[43] 2002-07-05

[21] **2,330,272**
[13] A1

[51] **Int.Cl. 7A63C 17/06**
[25] EN
[54] **SUSPENSION SYSTEM FOR
INLINE SKATES**
[54] **SUSPENSION POUR PATINS A
ROUES ALIGNEES**
[72] MOSES, JAMES D., US
[71] SPORTSFX, US
[22] 2001-01-05
[43] 2002-07-05

[21] **2,330,294**
[13] A1

[51] **Int.Cl. 7F24H 9/20**
[25] EN
[54] **GAS FURNACE CONTROL
ARRANGEMENT**
[54] **COMMANDE DE APPAREIL DE
CHAUFFAGE AU GAZ**
[72] CHEN, WEN CHOU, TW
[71] CHEN, WEN CHOU, TW
[22] 2001-01-05
[43] 2002-07-05

[21] **2,330,315**
[13] A1

[51] **Int.Cl. 7G01C 9/00**
[25] EN
[54] **LASER ALIGNMENT DEVICE**
[54] **DISPOSITIF D'ALIGNEMENT
LASER**
[72] JEANNERET, JACK D., US
[71] JEANNERET, JACK D., US
[22] 2001-01-05
[43] 2002-07-05

[21] **2,330,352**
[13] A1

[51] **Int.Cl. 7C04B 35/56 7C04B 35/58**
[25] EN
[54] **REFRACTORY HARD METALS IN
POWDER FORM FOR USE IN THE
MANUFACTURE OF ELECTRODES**
[54] **METAUX DURS REFRACTAIRES
EN POUDRE ENTRANT DANS LA
FABRICATION D'ELECTRODES**
[72] BLOUIN, MARCO, CA
[72] BOILY, SABIN, CA
[71] GROUPE MINUTIA INC., CA
[22] 2001-01-05
[43] 2002-07-05

[21] **2,330,354**
[13] A1

[51] **Int.Cl. 7B32B 27/18 7B44F 1/08
7G09F 13/20**
[25] FR
[54] **THERMOLAMINE COMPORTANT
AU MOINS UN SYSTEME
THERMOSENSIBLE**
[54] **THERMOLAMINATE
COMPRISING AT LEAST ONE
THERMOSENSITIVE SYSTEM**
[72] GUILLOT, PHILIPPE, FR
[72] LACOURTE, ROMUALD, FR
[71] GUILLOT, PHILIPPE, FR
[71] LACOURTE, ROMUALD, FR
[22] 2001-01-03
[43] 2002-07-03

[21] **2,330,357**
[13] A1

[51] **Int.Cl. 7B65D 90/06 7B32B 1/02**
[25] EN
[54] **DOUBLE WALL STORAGE TANK**
[54] **RESERVOIR DE STOCKAGE A
DOUBLE PAROI**
[72] ROY, PAUL, CA
[71] NORTHERN STEEL INDUSTRIES
LTD., CA
[22] 2001-01-05
[43] 2002-07-05

[21] **2,330,532**
[13] A1

[51] **Int.Cl. 7G06K 19/06 7G07F 19/00
7G06K 9/00 7H04L 9/30 7H04L 9/32**
[25] EN
[54] **SECURE AND PERSONALIZED CD
ROM ATM / CASH / SWIPE / CREDIT
CARD AND RETAIL SALES AND
MARKETING AID**
[54] **CD-ROM/CARTE DE DEBIT/
CREDIT/ATM SECURISE ET
PERSONNALISE ET AIDE A LA VENTE
AU DETAIL ET A LA
COMMERCIALISATION**
[72] FABIAN, SYLVIA, CA
[71] FABIAN, SYLVIA, CA
[22] 2001-01-04
[43] 2002-07-04

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[21] **2,330,535**
[13] A1
[51] **Int.Cl. 7G11B 7/0037 7G07F 19/00**
7H04L 9/30 7H04L 9/32
[25] EN
[54] **INTERACTIVE CD ROM BURNER THAT IS ABLE TO BE PERSONALIZED BY THE USER FOR THE PURPOSES OF OBTAINING INTERNET ELECTRONIC CASH OR SERVICES SECURELY AND PRIVATELY, WHICH INCORPORATES SMART CARD / SWIPE CARD / CREDIT CARD AND CD CASH INDIVIDUALLY OR ALL IN ONE**
[54] **GRAVEUR DE CD-ROM PERMETTANT LA PERSONNALISATION PAR L'UTILISATEUR AUX FINS DE L'OBTENTION D'ARGENT OU DE SERVICES ELECTRONIQUES DE FACON PROTEGEE ET EN PRIVE, QUI INTEGRE UNE CARTE INTELLIGENTE, UNE CARTE DE DEBIT, UNE CARTE DE CREDIT ET UN CD REMPLACANT L'ARGENT EN ESPECES INDIVIDUELLEMENT OU ENSEMBLE**
[72] FABIAN, SYLVIA, CA
[71] FABIAN, SYLVIA, CA
[22] 2001-01-04
[43] 2002-07-04

[21] **2,330,782**
[13] A1
[51] **Int.Cl. 7A24D 3/04**
[25] EN
[54] **AN EFFECTIVE FILTERING DEVICE FOR REMOVING HAZARDOUS CHEMICALS IN TOBACCO SMOKE**
[54] **DISPOSITIF DE FILTRAGE EFFICACE POUR RETIRER DE LA FUMEE DU TABAC LES PRODUITS CHIMIQUES DANGEREUX**
[72] PANDEY, RUPESH N., CA
[72] PANDEY, RAJ N., CA
[72] PANDEY, JAI N., CA
[72] AHMED, SHAMSUDDIN, CA
[71] PANDEY, RAJ N., CA
[22] 2001-01-05
[43] 2002-07-05

[21] **2,330,815**
[13] A1
[51] **Int.Cl. 7G08B 3/00 7G08B 7/00**
[25] EN
[54] **THE LOCATOR**
[54] **APPAREIL DE LOCALISATION « THE LOCATOR »**
[72] HILL, HEATHER D., CA
[71] HILL, HEATHER D., CA
[22] 2001-01-03
[43] 2002-07-03

[21] **2,331,098**
[13] A1
[51] **Int.Cl. 7E04C 5/18**
[25] EN
[54] **EZE FRAMER**
[54] **BATI EZE FRAMER**
[72] TIMONY, DAVID, CA
[71] TIMONY, DAVID, CA
[22] 2001-01-04
[43] 2002-07-04

[21] **2,331,544**
[13] A1
[51] **Int.Cl. 7E05F 15/16**
[25] EN
[54] **AUTOMATIC GARAGE DOOR CLOSING DEVICE**
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[54] **APPAREIL LASER D'ENTRAINEMENT AU GOLF**
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[71] ZHANG, ZHENXIANG, CA
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[54] **HORLOGE METRIQUE**
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[54] **CABLE/SATELLITE/INTERNET-READY TELEVISION SET**
[54] **TELEVISEUR A CONVERTISSEUR INTEGRE MULTIPLE (CABLE/SATELLITE/INTERNET)**
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[71] SIMON, RUDY J., US
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[51] **Int.Cl. 7B24B 55/00**
[25] EN
[54] **FLAP WHEEL**
[54] **ROUE A LAMELLES**
[72] HOFFHEIMER, CRAIG R., US
[71] JASON INCORPORATED, US
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[30] US (09/753,032) 2001-01-02

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[25] EN
[54] **LUMBER GRADING SYSTEM**
[54] **SYSTEME DE CLASSIFICATION DU BOIS D'OEUVRE**
[72] GAUVIN, MARIO, CA
[72] FRIGON, CHRISTIAN, CA
[71] FRIGON ELECTRIQUE INC., CA
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[13] A1

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[54] **METHODE ET APPAREIL POUR NETTOYER LES GRILLES DE BARBECUE**
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[72] DUNLOP, ROY J., US
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[72] PETERSON, FREDERICK A., III, US
[71] XYBERNAUT CORPORATION, US
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[51] **Int.Cl. 7H04N 5/46 7H04L 29/12**
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[54] **DESINTEGRATEUR DE BALLE**
[72] HRUSKA, KEVIN, CA
[71] BRIDGEVIEW MFG. INC., CA
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[54] **APPAREIL ET TECHNIQUE D'APPLICATION D'UN LIQUIDE PULVERISE SUR UNE TOILE EN MOUVEMENT**
[72] WATT, KENNETH R., US
[71] WATT, KENNETH R., US
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[54] **COMMUTATEUR OPTIQUE BISTABLE COMMANDE PAR IMPULSION DE PRESSION PRODUITE THERMIQUEMENT**
[72] MCCLELLAND, PAUL H., US
[72] PAN, ALFRED, US
[71] HEWLETT-PACKARD COMPANY, US
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[13] A1

[51] **Int.Cl. 7F42D 3/00**
[25] EN
[54] **BLASTING APPARATUS FOR FORMING HORIZONTAL UNDERGROUND CAVITIES AND BLASTING METHOD USING THE SAME**
[54] **APPAREIL DE DYNAMITAGE POUR FORMER DES CAVITES SOUTERRAINES HORIZONTALES ET METHODE DE DYNAMITAGE A L'AIDE DE CET APPAREIL**
[72] SHIM, DONG SOO, KR
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[54] **COUVERCLE ENVELOPPANT POUR PULVERISATEUR A GACHETTE**
[72] DRISKELL, WILLIAM L., US
[72] DIMAGGIO, PHILIP, US
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[54] **VIS DE PEDICULE**
[72] KELLY, WILLIAM J., US
[72] MARTIN, GREG, US
[72] CROZET, YVES, US
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[54] **SYSTEME DE COMMANDE DE**
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[72] CHEN, WEN CHOU, TW
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[72] WOOD, DAVID H., US
[72] HARTLEY, ROBERT A., CA
[71] SEARS PETROLEUM & TRANSPORT
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[71] E.I. DU PONT DE NEMOURS AND
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[25] EN
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[54] **DISPOSITIF ET METHODE**
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[72] BERFIELD, ROBERT C., US
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[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHODS AND SYSTEMS OF**
CLASSIFYING MULTIPLE
PROPERTIES SIMULTANEOUSLY
USING A DECISION TREE
[54] **TECHNIQUES ET SYSTEMES DE**
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[72] STOCKFISCH, THOMAS P., US
[71] ACCELRYN INC., US
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[54] **CONTOURED RIGID VANE FOR**
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[54] **VANNET RIGIDE PROFILE POUR**
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[72] GOODMAN, BARRY, US
[71] HUNTER DOUGLAS INC., US
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[43] 2002-07-04
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[25] FR
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[54] **INFORMATION MANAGEMENT**
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[72] SARFATI, JEAN-CLAUDE, FR
[72] DELAUNAY, ERIC, FR
[72] EL OMARI, ABDELLAH, FR
[71] CANAL + TECHNOLOGIES, FR
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[54] **BLOOD COLLECTION SET**
[54] **ENSEMBLE POUR**
PRELEVEMENT SANGUIN
[72] LIVANOS, STEFANIE, US
[72] CRAWFORD, JAMIESON WILLIAM
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[54] **BLOOD COLLECTION SET**
[54] **ENSEMBLE POUR PRELEVEMENT SANGUIN**
[72] CRAWFORD, JAMIESON WILLIAM MACLEAN, US
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[71] BECTON, DICKINSON AND COMPANY, US
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[54] **NEEDLE ASSEMBLY**
[54] **DISPOSITIF A AIGUILLE**
[72] CRAWFORD, JAMIESON WILLIAM MACLEAN, US
[72] LIVANOS, STEFANIE, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **NEEDLE ASSEMBLY**
[54] **DISPOSITIF A AIGUILLE**
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[72] CRAWFORD, JAMIESON WILLIAM MACLEAN, US
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[54] **COMBINAISON DE SERVICES DE RADIODIFFUSION SIMULTANEE ET DE SERVICES SPECIALISES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] WHITEHEAD, JAMES F., US
[72] SOLLENBERGER, NELSON RAY, US
[72] KOSTIC, ZORAN, US
[71] AT&T CORP., US
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[51] **Int.Cl. 7B24C 5/04 7B05B 1/02 7B08B 3/02 7B08B 3/04 7B24C 1/04 7B05B 3/06**
[25] FR
[54] **BUSE DESTINEE A LA DIFFUSION CONCENTREE D'UN FLUIDE CHARGE DE PARTICULES SOLIDES, NOTAMMENT EN VUE DU DECAPAGE FIN, PRECIS ET CONTROLE DE SURFACES**
[54] **NOZZLE DESIGNED TO PRODUCE A CONCENTRATED SPRAY OF A FLUID CHARGED WITH SOLID PARTICLES, NOTABLY FOR THE PURPOSE OF FINE, PRECISE AND CONTROLLED STRIPPING OF A SURFACE**
[72] JAUBERTIE, YVON GEORGE JEAN-PIERRE, FR
[71] WORKINTER, GB
[22] 2001-12-27
[43] 2002-07-04
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[13] A1

[51] **Int.Cl. 7A45D 19/02 7A61K 7/13**
[25] FR
[54] **DISPOSITIF POUR LE CONDITIONNEMENT ET L'APPLICATION D'UN PRODUIT CAPILLAIRE**
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[72] BOURJAL, LAURE, FR
[71] L'OREAL, FR
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[43] 2002-07-04
[30] FR (01 00 084) 2001-01-04

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[51] **Int.Cl. 7B65D 81/32 7B65D 25/04**
[25] FR
[54] **ENSEMBLE POUR LE MELANGE EXTEMPORANE DE DEUX PRODUITS**
[54] **ASSEMBLY FOR MIXING TWO PRODUCTS WHEN REQUIRED**
[72] DE LAFORCADE, VINCENT, FR
[71] L'OREAL, FR
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[30] FR (01 00 086) 2001-01-04

[21] **2,365,679**
[13] A1

[51] **Int.Cl. 7B60N 3/04 7A47G 27/04**
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[54] **FLOOR COVERING FOR A POWERED VEHICLE**
[54] **REVETEMENT DE PLANCHER POUR VEHICULE MOTORISE**
[72] GENSLER, MANFRED, DE
[71] DURA TUFTING GMBH, DE
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[51] **Int.Cl. 7F25D 29/00 7F25D 23/02**
[25] EN
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[54] **METHODES ET APPAREILS DE DETECTION D'OUVERTURES DE PORTES DE REFRIGERATEURS**
[72] QUEEN, JERRY J., II, US
[72] HOLMES, JOHN S., US
[72] HERZOG, ROLLIE, US
[72] MATHEWS, MARK, ZZ
[72] BULTMAN, ROBERT M., US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (09/754,592) 2001-01-05

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[13] A1
[51] **Int.Cl. 7F25D 29/00**
[25] EN
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[54] **ALGORITHME DE COMMANDE SOUPLE DE SYSTEME ETANCHE ET DE VENTILATEUR**
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[72] QUEEN, JERRY J., II, US
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[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. 7F25D 21/04 7F25D 29/00**
[25] EN
[54] **DETERMINISTIC REFRIGERATOR DEFROST METHOD AND APPARATUS**
[54] **METHODE ET DISPOSITIF DETERMINISTES DE DEGIVRAGE DE REFRIGERATEUR**
[72] QUEEN, JERRY J., II, US
[72] HOLMES, JOHN S., US
[72] DAUM, WOLFGANG, US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (09/755,296) 2001-01-05

[21] **2,365,763**
[13] A1
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[25] EN
[54] **DISHWASHER FINE FILTER PRESSURE RELIEF**
[54] **TUBE LIMITEUR DE PRESSION DE FILTRE FIN DE LAVE-VAISSELLE**
[72] HEGEMAN, ARJAN JOHANNES, US
[72] MEYER, GREGORY ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. 7F25D 23/00 7F25D 29/00**
[25] EN
[54] **SEALED DAMPER ASSEMBLY**
[54] **ENSEMBLE DE REGISTRE SCELLE**
[72] TUPIS, JEFFERY, ZZ
[71] GENERAL ELECTRIC COMPANY, US
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[43] 2002-07-05
[30] US (09/754,541) 2001-01-05

[21] **2,365,943**
[13] A1
[51] **Int.Cl. 7E03C 1/084 7B05B 1/34**
[25] EN
[54] **AERATOR WITH VARIABLE AIR INPUT**
[54] **AERATEUR AVEC ENTREE D'AIR VARIABLE**
[72] NASSER, EDWARD A., US
[72] HOLZHEIMER, JOHN C., US
[72] GRIFFIN, JOHN ADAM, US
[71] MOEN INCORPORATED, US
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[43] 2002-07-02
[30] US (09/751,263) 2001-01-02

[21] **2,366,170**
[13] A1
[51] **Int.Cl. 7F23D 14/02**
[25] EN
[54] **SWIRLER BURNER**
[54] **BRULEUR A ECOULEMENT EN VORTEX**
[72] PRIMDAHL, IVAR IVARSEN, DK
[71] HALDOR TOPSOE A/S, DK
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[30] DK (PA 2001 00010) 2001-01-04

[21] **2,366,236**
[13] A1
[51] **Int.Cl. 7B01D 5/00**
[25] EN
[54] **APPARATUS FOR ACCELERATING CONDENSATION WITH THE AID OF STRUCTURED SURFACES**
[54] **APPAREIL POUR ACCELERER LA CONDENSATION A L'AIDE DE SURFACES STRUCTUREES**
[72] ROOS, MARTIN, DE
[72] OLES, MARKUS, DE
[72] NUN, EDWIN, DE
[72] SCHLEICH, BERNHARD, DE
[71] CREAVIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH, DE
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[13] A1
[51] **Int.Cl. 7E04H 4/14**
[25] EN
[54] **SKIMMER PROTECTOR WITH INTEGRAL BLOW TUBE**
[54] **PROTECTEUR DE DEPOLLUEUR AVEC TUYAU INTEGRAL D'EVACUATION FORCEE**
[72] ARP, GEORGE F., US
[72] ARP, ANDREW, US
[71] ARP, ANDREW, US
[22] 2001-12-28
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[21] **2,366,243**
[13] A1
[51] **Int.Cl. 7F24H 9/20 7F24H 1/20**
[25] EN
[54] **PROPORTIONAL BAND TEMPERATURE CONTROL FOR ONE OR MORE HEATING ELEMENTS**
[54] **DISPOSITIF DE REGULATION PROPORTIONNELLE DE TEMPERATURE A BANDE POUR UN OU PLUSIEURS ELEMENTS CHAUFFANTS**
[72] BRADENBAUGH, KENNETH A., US
[71] BRADENBAUGH, KENNETH A., US
[22] 2001-12-28
[43] 2002-07-02
[30] US (09/752,477 (CIP)) 2001-01-02

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[21] **2,366,254**
[13] A1

[51] **Int.Cl. 7F25D 23/12 7F25C 1/00 7F25D 29/00**
[25] EN
[54] **ICE MAKER FOR REFRIGERATOR AND CONTROL METHOD THEREOF**
[54] **MACHINE A GLACONS POUR REFRIGERATEUR ET METHODE DE COMMANDE CONNEXE**
[72] KIM, IL SIN, KR
[72] AN, SI YUN, KR
[71] LG ELECTRONICS INC., KR
[22] 2001-12-28
[43] 2002-06-30
[30] KR (87392/2000) 2000-12-30
[30] KR (87393/2000) 2000-12-30
[30] KR (87394/2000) 2000-12-30
[30] KR (87395/2000) 2000-12-30

[21] **2,366,255**
[13] A1

[51] **Int.Cl. 7C09B 23/12 7C09B 23/00**
[25] EN
[54] **SYMMETRIC, MONOFUNCTIONALISED POLYMETHINE DYES LABELLING REAGENTS**
[54] **MARQUEURS A BASE DE POLYMETHINES SYMETRIQUES ET A UN SEUL GROUPEMENT FONCTIONNEL**
[72] DELLA CIANA, LEOPOLDO, IT
[72] CAPUTO, GIUSEPPE, IT
[71] INNONSENSE S.R.L., IT
[22] 2001-12-27
[43] 2002-07-03
[30] EP (01100260.7) 2001-01-03

[21] **2,366,279**
[13] A1

[51] **Int.Cl. 7F24H 1/20 7F24H 9/20**
[25] EN
[54] **WATER HEATER HAVING DUAL SIDE-BY-SIDE HEATING ELEMENTS**
[54] **CHAUFFE-EAU COMPRENANT DES ELEMENTS CHAUFFANTS DOUBLES COTE-A-COTE**
[72] BRADENBAUGH, KENNETH A., US
[71] BRADENBAUGH, KENNETH A., US
[22] 2001-12-28
[43] 2002-07-02
[30] US (09/753,154) 2001-01-02

[21] **2,366,330**
[13] A1

[51] **Int.Cl. 7A61C 15/04**
[25] EN
[54] **DENTAL FLOSS DISPENSER AND APPLICATOR**
[54] **DISTRIBUTEUR ET APPLICATEUR DE SOIE DENTAIRE**
[72] DOYSCHER, MICHAEL A., CA
[71] DOYSCHER, MICHAEL A., CA
[22] 2001-12-31
[43] 2002-07-02
[30] US (60/259,417) 2001-01-02

[21] **2,366,345**
[13] A1

[51] **Int.Cl. 7C03C 25/42 7C03B 37/02**
[25] EN
[54] **MANUFACTURE OF DEPRESSED INDEX OPTICAL FIBERS**
[54] **FABRICATION DE FIBRES OPTIQUES A INDICE REDUIT**
[72] WHITE, CHRISTOPHER ALAN, US
[72] DE HAZAN, YORAM, US
[72] STOCKERT, THOMAS EDWARD, US
[72] MACCHESNEY, JOHN BURNETTE, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2001-12-27
[43] 2002-07-05
[30] US (09/755,914) 2001-01-05

[21] **2,366,389**
[13] A1

[51] **Int.Cl. 7F21V 21/14**
[25] EN
[54] **ADJUSTABLE LAMP SUPPORT**
[54] **SUPPORT DE LAMPE REGLABLE**
[72] JAMISON, WILLIAM H., US
[71] HUBBELL INCORPORATED, US
[22] 2001-12-31
[43] 2002-07-05
[30] US (09/754,249) 2001-01-05

[21] **2,366,393**
[13] A1

[51] **Int.Cl. 7F24H 9/20 7F24H 1/20**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING A DRY FIRE CONDITION IN A WATER HEATER**
[54] **METHODE ET APPAREIL POUR DETERMINER SI UN ELEMENT CHAUFFANT DE CHAUFFE-EAU EST SUBMERGE DANS L'EAU**
[72] BRADENBAUGH, KENNETH A., US
[71] BRADENBAUGH, KENNETH A., US
[22] 2001-12-31
[43] 2002-07-02
[30] US (09/753,146) 2001-01-02

[21] **2,366,422**
[13] A1

[51] **Int.Cl. 7A47C 7/54 7A47C 16/00**
[25] EN
[54] **BRACKET FOR MOUNTING EITHER A FIXED OR A PIVOTING ARMREST**
[54] **SUPPORT DE MONTAGE POUR ACCOUDOIR FIXE OU PIVOTANT**
[72] EMELANDER, ROGER A., US
[72] MAGNUSON, RICHARD, US
[71] AMERICAN SEATING COMPANY, US
[22] 2002-01-02
[43] 2002-07-03
[30] US (60/259,225) 2001-01-03

[21] **2,366,424**
[13] A1

[51] **Int.Cl. 7C10G 49/04 7B01J 32/00 7C10G 47/12 7B01J 20/20 7B01J 23/70**
[25] EN
[54] **A PROCESS FOR HYDROCONVERTING A HEAVY HYDROCARBON CHARGESTOCK**
[54] **UN PROCEDE D'HYDROCONVERSION D'UNE CHARGE D'HYDROCARBURES LOURDS**
[72] JIN, MEI, CN
[72] HAN, ZHAOMING, CN
[72] SHI, YOU LIANG, CN
[72] PENG, PAI, CN
[72] JIANG, LIJING, CN
[72] HAN, BAOPING, CN
[71] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[71] CHINA PETROLEUM AND CHEMICAL CORPORATION, CN
[22] 2002-01-02
[43] 2002-07-05
[30] CN (01106017.4) 2001-01-05

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[21] **2,366,432**
[13] A1
[51] **Int.Cl. 7B29C 47/12 7C09B 67/00**
[25] EN
[54] **EXTRUSION DIE FOR INCREASING AND DISTRIBUTING THE UNIFORM VELOCITY PROFILE OF FOAMED PLASTIC MELT ACROSS THE DIE OPEN AREA**
[54] **FILIERE DE BOUDINEUSE POUR AUGMENTER ET DISTRIBUER LE PROFIL DE CELERITE UNIFORME DE LA FONTE DE PLASTIQUE ALVEOLAIRE A TRAVERS L'EMBOUCHURE DE LA FILIERE**
[72] GROSSI, VICTOR M., CA
[71] CPI PLASTICS GROUP LIMITED, CA
[22] 2002-01-02
[43] 2002-07-03
[30] US (09/753,840) 2001-01-03

[21] **2,366,473**
[13] A1
[51] **Int.Cl. 7A47C 7/54 7A47C 16/00**
[25] EN
[54] **DOWNWARDLY PIVOTING ARMREST**
[54] **ACCOUDOIR PIVOTANT VERS LE BAS**
[72] EMELANDER, ROGER A., US
[72] MAGNUSON, RICHARD, US
[71] AMERICAN SEATING COMPANY, US
[22] 2002-01-02
[43] 2002-07-03
[30] US (60/259,224) 2001-01-03

[21] **2,366,495**
[13] A1
[51] **Int.Cl. 7H04L 7/033 7H04Q 7/32**
[25] EN
[54] **SYSTEM CLOCK SYNCHRONISATION USING PHASE-LOCKED LOOP**
[54] **SYNCHRONISATION D'HORLOGE SYSTEME FAISANT APPEL A UNE BOUCLE A VERROUILLAGE DE PHASE**
[72] GOODINGS, CHRIS, GB
[72] YOUNG, MATTHEW, GB
[71] VTECH COMMUNICATIONS, LTD., HK
[22] 2002-01-03
[43] 2002-07-03
[30] GB (0100094.2) 2001-01-03

[21] **2,366,527**
[13] A1
[51] **Int.Cl. 7G02B 26/08 7B81B 5/00 7H04Q 3/52**
[25] EN
[54] **ELECTROSTATICALLY ACTUATED MICRO-ELECTRO-MECHANICAL SYSTEMS (MEMS) DEVICE**
[54] **DISPOSITIF A SYSTEMES MICROELECTROMECHANIQUES A ACTIONNEUR ELECTROSTATIQUE**
[72] AKSYUK, VLADIMIR ANATOLYEVICH, US
[72] BOLLE, CRISTIAN A., US
[72] PARDO, FLAVIO, US
[71] LUCENT TECHNOLOGIES INC., US
[71] AGERE SYSTEMS GUARDIAN CORP., US
[22] 2001-12-27
[43] 2002-07-05
[30] US (09/755,727) 2001-01-05

[21] **2,366,618**
[13] A1
[51] **Int.Cl. 7H01L 25/00 7H05K 1/14 7H01L 23/52**
[25] EN
[54] **SELF-ALIGNED ELECTRICAL INTERCONNECT FOR TWO ASSEMBLED PERPENDICULAR SEMICONDUCTOR CHIPS**
[54] **INTERCONNEXION ELECTRIQUE A AUTO-ALIGNEMENT POUR ASSEMBLAGE DE DEUX PUCES A SEMICONDUCTEURS PERPENDICULAIRES**
[72] YUN, WEIJIE, US
[72] LIM, MARTIN, US
[71] OPTICNET, INC., US
[22] 2002-01-04
[43] 2002-07-04
[30] US (09/754,940) 2001-01-04

[21] **2,366,634**
[13] A1
[51] **Int.Cl. 7F02N 11/08**
[25] EN
[54] **SMART CAR STARTER**
[54] **TELECOMMANDE DE DEMARRAGE INTELLIGENTE**
[72] LOSURDO, DOMENICK, US
[72] QUESNEL, GARY E., US
[71] SMART CAR STARTS, INC., US
[22] 2002-01-03
[43] 2002-07-03
[30] US (09/754,416) 2001-01-03

[21] **2,366,638**
[13] A1
[51] **Int.Cl. 7G01N 27/416 7G01N 15/06**
[25] EN
[54] **CO SENSOR AND METHOD OF MEASURING CO CONCENTRATION**
[54] **CAPTEUR DE CO ET METHODE DE MESURE DE CONCENTRATION DE CO**
[72] ISHIDA, NOBORU, JP
[72] OSHIMA, TAKAFUMI, JP
[72] NADANAMI, NORIHIKO, JP
[72] KONDO, TOMONORI, JP
[72] INOUE, RYUJI, JP
[71] NGK SPARK PLUG CO., LTD., JP
[22] 2002-01-04
[43] 2002-07-05
[30] JP (2001-734) 2001-01-05

[21] **2,366,655**
[13] A1
[51] **Int.Cl. 7B60Q 1/32 7B60R 3/00 7F21V 33/00 7B62D 25/22 7B60Q 1/26**
[25] EN
[54] **RUNNING BOARD LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE DE MARCHEPIED**
[72] STADTHERR, DIANNA LYNN, US
[72] POTTER, BRANT JAMES, US
[71] NORTH AMERICAN LIGHTING, INC., US
[22] 2002-01-03
[43] 2002-07-03
[30] US (09/753,421) 2001-01-03

[21] **2,366,658**
[13] A1
[51] **Int.Cl. 7E04D 13/15 7E04B 2/00 7E04D 13/152**
[25] EN
[54] **OVERHANGING MEMBER**
[54] **ELEMENT EN PORTE-A-FAUX**
[72] HONDA, TAKASHI, JP
[71] NICHIIHA CORPORATION, JP
[22] 2002-01-04
[43] 2002-07-05
[30] JP (2001-000382) 2001-01-05
[30] JP (2001-000415) 2001-01-05

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[21] **2,366,680**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD OF PROVIDING MANAGERS AN OPPORTUNITY TO OWN THEIR OWN BUSINESS**
[54] **METHODE QUI FOURNIT AUX GERANTS LA POSSIBILITE DE POSSEDER LEUR PROPRE COMMERCE**
[72] MAZZIOTTI, ROBERT, US
[72] KING, STEVEN D., US
[72] CASTIGLIA, ERIC A., US
[72] SCRIVANO, DAVID, US
[72] YATES, R., BRETT, US
[71] LITTLE CEASAR ENTERPRISES, INC., US
[22] 2002-01-07
[43] 2002-07-05
[30] US (60/259,703) 2001-01-05

[21] **2,366,709**
[13] A1

[51] **Int.Cl. 7G09B 9/02 7G09B 9/32**
[25] EN
[54] **A SIMULATOR**
[54] **SIMULATEUR**
[72] WYNN, OWEN JOHN WILLIAMS, US
[71] SEOS DISPLAYS LIMITED, GB
[22] 2002-01-03
[43] 2002-07-03
[30] GB (0100097.5) 2001-01-03

[21] **2,366,715**
[13] A1

[51] **Int.Cl. 7B23F 5/08 7B23P 15/14**
[25] EN
[54] **TOOL AND METHOD FOR PRECISION GRINDING OF A CONICAL FACE GEAR THAT MEASHES WITH A CONICAL INVOLUTE PINION**
[54] **OUTIL ET METHODE DE RECTIFICATION DE ROUE DE CHAMP CONIQUE QUI S'ENGRENE AVEC UN PIGNON CONIQUE A DEVELOPPANTE**
[72] TAN, JIE, US
[71] THE BOEING COMPANY, US
[22] 2002-01-03
[43] 2002-07-03
[30] US (09/753,771) 2001-01-03

[21] **2,366,776**
[13] A1

[51] **Int.Cl. 7F21L 19/00 7F23D 21/00 7F21V 37/00**
[25] EN
[54] **HEATER WITH LIGHT**
[54] **APPAREIL DE CHAUFFAGE AVEC LUMIERE**
[72] ASHTON, JERALD, US
[72] MAY, RANDALL L., US
[72] SCHULTE, CLYDE, US
[71] THE COLEMAN COMPANY, INC., US
[22] 2002-01-04
[43] 2002-07-05
[30] US (09/755,334) 2001-01-05

[21] **2,366,790**
[13] A1

[51] **Int.Cl. 7F16H 57/02**
[25] EN
[54] **MOUNTING SYSTEM FOR SPEED REDUCERS**
[54] **SYSTEME DE MONTAGE DE REDUCTEURS DE VITESSE**
[72] CARRIGAN, CHRISTOPHER A., US
[72] GRIGGS, STEVEN H., US
[72] CARRIGAN, ERWIN R., US
[72] LEWIS, MICHAEL L., US
[71] EMERSON ELECTRIC CO., US
[22] 2002-01-07
[43] 2002-07-05
[30] US (09/755,535) 2001-01-05

[21] **2,366,804**
[13] A1

[51] **Int.Cl. 7A01B 63/02 7A01D 34/00 7G05G 1/14**
[25] EN
[54] **FOOT LIFT CUTTER DECK MOWER UNITS**
[54] **TONDEUSES A CHASSIS DE COUPE A AJUSTEMENT A PEDALE**
[72] DENNIS, CHARLES E., US
[71] BUSH HOG, L.L.C., US
[22] 2002-01-04
[43] 2002-07-05
[30] US (09/755,741) 2001-01-05

[21] **2,366,837**
[13] A1

[51] **Int.Cl. 7B65D 85/808 7B65D 1/26**
[25] EN
[54] **SINGLE PORTION PACK FOR PRODUCING A BREWED BEVERAGE**
[54] **SACHET A PORTION UNIQUE POUR LA PREPARATION D'UNE BOISSON INFUSEE**
[72] SACHTLEBEN, ANDREAS, DE
[72] ROHDE, FLORIAN, DE
[72] PERKOVIC, JOSIP, DE
[71] MELITTA HAUSHALTSPRODUKTE GMBH & CO. KG, DE
[22] 2002-01-03
[43] 2002-07-05
[30] DE (201 00 166.7) 2001-01-05

[21] **2,366,864**
[13] A1

[51] **Int.Cl. 7A61M 1/00 7A61B 5/15**
[25] EN
[54] **BLOOD COLLECTION ASSEMBLY**
[54] **DISPOSITIF DE PRELEVEMENT SANGUIN**
[72] CRAWFORD, JAMIESON WILLIAM MACLEAN, US
[72] LIVANOS, STEFANIE, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2002-01-03
[43] 2002-07-05
[30] US (60/259,876) 2001-01-05

[21] **2,366,882**
[13] A1

[51] **Int.Cl. 7B65C 9/46**
[25] EN
[54] **MEAT PRODUCT LABELING AND ORGANIZING METHOD**
[54] **METHODE D'ETIQUETAGE ET DE PRESENTATION DE PRODUITS DE VIANDE**
[72] MEISCHEN, HERB, US
[71] EXCEL CORPORATION, US
[22] 2001-12-31
[43] 2002-07-03
[30] US (09/753,471) 2001-01-03

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[21] **2,366,889**
[13] A1
[51] **Int.Cl. 7F24F 13/04**
[25] EN
[54] **AIR MIXING DEVICE HAVING SERIES OF PARALLEL AIRFLOW PASSAGES**
[54] **MELANGEUR A AIR MUNI DE SERIES DE PASSAGES D'AERATION PARALLELES**
[72] YAZICI, MUAMMER, CA
[72] HAN, MING HUI, CA
[71] AIR HANDLING ENGINEERING LTD., US
[22] 2002-01-07
[43] 2002-07-05
[30] US (09/754,915) 2001-01-05

[21] **2,366,893**
[13] A1
[51] **Int.Cl. 7A61B 5/107**
[25] EN
[54] **METHOD FOR SIMULTANEOUS ANATOMICAL AND FUNCTIONAL MAPPING OF A JOINT**
[54] **METHODE DE CARTOGRAPHIE ANATOMIQUE ET FONCTIONNELLE SIMULTANEE D'UNE ARTICULATION**
[72] MARTELLI, SANDRA, IT
[71] ISTITUTI ORTOPEDICI RIZZOLI, IT
[22] 2001-12-31
[43] 2002-06-30
[30] EP (00128769.7) 2000-12-30

[21] **2,366,894**
[13] A1
[51] **Int.Cl. 7H05B 37/02**
[25] EN
[54] **CIRCUIT ARRANGEMENT FOR OPERATING ELECTRIC LAMPS**
[54] **MONTAGE DE CIRCUIT DE COMMANDE DE LAMPES ELECTRIQUES**
[72] RUDOLPH, BERND, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE
[22] 2002-01-02
[43] 2002-07-03
[30] DE (101 00 037.5) 2001-01-03

[21] **2,366,901**
[13] A1
[51] **Int.Cl. 7H03M 5/16 7H04B 10/12 7H03M 5/20**
[25] EN
[54] **METHOD AND APPARATUS FOR OPTICAL DATA TRANSMISSION**
[54] **METHODE ET APPAREILLAGE DE TRANSMISSION DE DONNEES OPTIQUES**
[72] OGMEN, MELIH, CA
[72] ADAIR, RICHARD, CA
[71] 1432794 ONTARIO LTD., CA
[22] 2002-01-03
[43] 2002-07-03
[30] CA (2330195) 2001-01-03

[21] **2,366,906**
[13] A1
[51] **Int.Cl. 7G06F 9/30 7G06F 17/20 7G06F 17/30**
[25] EN
[54] **METHOD AND APPARATUS FOR UNSUPERVISED TRANSACTIONS**
[54] **METHODE ET APPAREIL POUR TRANSACTIONS NON SUPERVISEES**
[72] OGMEN, MELIH, CA
[71] 1432794 ONTARIO LTD., CA
[22] 2002-01-03
[43] 2002-07-03
[30] CA (2330196) 2001-01-03

[21] **2,366,930**
[13] A1
[51] **Int.Cl. 7F02N 11/08 7B60R 16/02**
[25] EN
[54] **NEUTRAL SAFETY SWITCH**
[54] **COMMUTATEUR DE SECURITE - POINT MORT**
[72] SZAKACS, GABOR L., US
[72] FARIZ, JOSEPH P., US
[71] SZAKACS, GABOR L., US
[71] FARIZ, JOSEPH P., US
[22] 2002-01-04
[43] 2002-07-05
[30] US (60/259,996) 2001-01-05

[21] **2,366,939**
[13] A1
[51] **Int.Cl. 7H04B 1/713**
[25] EN
[54] **ADAPTIVE FREQUENCY HOPPING STRATEGY**
[54] **STRATEGIE DE SAUT DE FREQUENCES ADAPTATIVE**
[72] HUW, BRYN JONES, GB
[71] VTECH COMMUNICATIONS, LTD., HK
[22] 2002-01-02
[43] 2002-07-03
[30] GB (0100093.4) 2001-01-03

[21] **2,366,940**
[13] A1
[51] **Int.Cl. 7G06F 3/12 7B41J 3/00 7G06K 15/00**
[25] EN
[54] **LATE BINDING OF TAB IMAGE CONTENTS TO ORDERED TAB STOCK**
[54] **LIAISON TARDIVE DE CONTENU D'IMAGE D'ONGLET A UN ENSEMBLE D'ONGLETS ORDONNE**
[72] KREMER, KARL HEINZ, US
[72] HANSEN, DAVID R., US
[71] HEIDELBERGER DRUCKMASCHINEN AG, DE
[22] 2002-01-04
[43] 2002-07-04
[30] US (09/754,562) 2001-01-04

[21] **2,366,993**
[13] A1
[51] **Int.Cl. 7A61M 1/00 7A61B 5/15**
[25] EN
[54] **BLOOD COLLECTION SET WITH RETRACTABLE NEEDLE**
[54] **ENSEMBLE POUR PRELEVEMENT SANGUIN A AIGUILLE RETRACTABLE**
[72] LIVANOS, STEFANIE, US
[72] CRAWFORD, JAMIESON WILLIAM MACLEAN, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2002-01-03
[43] 2002-07-05
[30] US (60/260,032) 2001-01-05

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[21] **2,367,001**
[13] A1

[51] **Int.Cl. 7A23L 1/32 7A23L 1/00**
[25] EN
[54] **THE METHOD FOR PRODUCTION OF EGG CONTAINING ANTI-E.COLI IGY AND ANTI-HELICOBACTER PYLORI IGY AND ANTI-SALMONELLA ENTERITIDIS IGY AND ANTI-SALMONELLA TYPHIMURIUM IGY SIMULTANEOUSLY, AND EGG, YOLK, YOGURT AND ICE CREAM CONTAINING SPECIFIC IGY FOR ANTI-E.COLI, ANTI-HELICOBACTER PYLORI, ANTI-SALMONELLA ENTERITIDIS AND ANTI-SALMONELLA TYPHIMURIUM**
[54] **METHODE DE PRODUCTION D'UN OEUF CONTENANT A LA FOIS DES ANTI-E.COLI IGY ET DES ANTI-HELICOBACTER PYLORI IGY ET DES ANTI-SALMONELLA ENTERITIDIS IGY ET DES ANTI-SALMONELLA TYPHIMURIUM IGY, ET OEUF, JAUNE D'OEUF, YOGOURT ET CREME GLACEE CONTENANT DES IGY SPECIFIQUES AUX ANTI-E.COLI, ANTI-HELICOBACTER PYLORI, ANTI-SALMONELLA ENTERITIDIS ET ANTI-SALMONELLA TYPHI**
[72] LEE, NAM-HYUNG, KR
[72] JUNG, KWANG-YONG, KR
[72] BAEK, BAN-SUK, KR
[72] SUNWOO, SUN-YOUNG, KR
[72] RYU, JUNG-WOO, KR
[71] EGG BIOTECH INCORPORATION, KR
[22] 2002-01-03
[43] 2002-07-05
[30] KR (10-2001-0000502) 2001-01-05
[30] KR (10-2001-0009367) 2001-02-23

[21] **2,367,716**
[13] A1

[51] **Int.Cl. 7E06B 3/66**
[25] EN
[54] **GLAZING PANEL AND ASSEMBLY THEREOF**
[54] **PANNEAU DE VERRE ET ASSEMBLAGE**
[72] PAFFEN, PETER, CA
[71] PAFFEN, PETER, CA
[22] 2002-01-11
[43] 2002-06-30

[21] **2,368,685**
[13] A1

[51] **Int.Cl. 7F01N 3/06 7F01N 1/00 7F01N 3/02**
[25] EN
[54] **MUFFLER AND SPARK ARRESTER**
[54] **SILENCIEUX ET PARE-ETINCELLES**
[72] BOUFFARD, ERIC, CA
[71] BOMBARDIER INC., CA
[22] 2002-01-07
[43] 2002-07-05
[30] US (60/259,702) 2001-01-05

[21] **2,378,654**
[13] A1

[51] **Int.Cl. 7F02D 11/10 7B60K 26/02**
[25] EN
[54] **THROTTLE MODULATION DEVICE FOR COMBUSTION ENGINE**
[54] **DISPOSITIF DE MODULATION DE COMMANDE DES GAZ POUR MOTEUR A COMBUSTION**
[72] CLEMENCE, MARK, CA
[72] ELLIOTT, DONALD, CA
[71] ELLIENCE CONTROL SYSTEMS INC., CA
[22] 2002-04-22
[43] 2002-06-30
[30] CA (2,371,716) 2002-02-12

[21] **2,378,764**
[13] A1

[51] **Int.Cl. 7A01L 3/00**
[25] EN
[54] **HORSESHOE AND METHOD OF AFFIXING SAME**
[54] **FER A CHEVAL ET METHODE DE FIXATION**
[72] NICHOLAS, GEORGE, CA
[71] NICHOLAS, GEORGE, CA
[22] 2002-04-22
[43] 2002-07-01

**Canadian Laid-Open Applications
June 30, 2002 - July 6, 2002**

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[21] **2,365,322**
[13] A1

[51] Int.Cl. 7A61L 2/03 7C02F 1/46 7C02F 1/48
[25] FR
[54] **PROCEDE D'ELIMINATION DES PROTOZOAIRES, NOTAMMENT DES AMIBES LIBRES D'UN FLUX AQUEUX COLONISE, PROCEDE DE TRAITEMENT D'UN FLUX AQUEUX PAR ELECTROPULSATION ET SON APPLICATION POUR ELIMINER DES PROTOZOAIRES**
[54] **METHOD FOR ELIMINATING PROTOZOAS, ESPECIALLY FREE-LIVING AMOEBAE FROM A COLONIZED AQUEOUS FLUX, METHOD FOR TREATING AN AQUEOUS FLUX BY ELECTROPULSATION AND USE THEREOF IN THE ELIMINATION OF PROTOZOAS**
[72] TEISSIE, JUSTIN, FR
[72] VERNHES, MARIE-CHRISTINE, FR
[72] CABANES, PIERRE-ANDRE RENE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2001-10-15
[86] 2000-04-14 (PCT/FR2000/000981)
[87] 2000-10-26 (WO2000/062821)
[30] FR (99/04749) 1999-04-15

[21] **2,368,776**
[13] A1

[51] Int.Cl. 7H04Q 7/00 7H04B 1/16 7H04J 3/16 7H04Q 7/28
[25] EN
[54] **COLLISION TOLERANT RADIO MODEM**
[54] **MODEM CELLULAIRE TOLERANT LES COLLISIONS**
[72] FITZGERALD, SHANE MICHAEL, US
[71] ELECTROCOM COMMUNICATION SYSTEMS INC., US
[85] 2001-09-25
[86] 2000-03-28 (PCT/US2000/008147)
[87] 2000-10-05 (WO2000/059242)
[30] US (09/280,415) 1999-03-29

[21] **2,370,556**
[13] A1

[51] Int.Cl. 7A61K 9/50 7A61K 9/00
[25] EN
[54] **TIMED DUAL RELEASE DOSAGE FORMS COMPRISING A SHORT ACTING HYPNOTIC OR A SALT THEREOF**
[54] **FORMES DE DOSAGE A DOUBLE LIBERATION DANS LE TEMPS COMPRENANT UN HYPNOTIQUE, OU UN DE SES SELS, A ACTION BREVE**
[72] ALAUX, GERARD, FR
[72] LEWIS, GARETH, FR
[72] ANDRE, FREDERIC, FR
[72] DUCASSOU, JEAN, FR
[71] SANOFI-SYNTHELABO, FR
[85] 2001-11-30
[86] 2000-06-27 (PCT/EP2000/006792)
[87] 2001-01-04 (WO2001/000181)
[30] EP (99401605.3) 1999-06-28

[21] **2,372,541**
[13] A1

[51] Int.Cl. 7C12N 9/12 7C07K 16/18 7C07K 16/40 7A61K 38/45
[25] EN
[54] **SPHINGOSINE KINASE ENZYME**
[54] **ENZYME SPHINGOSINE KINASE**
[72] VADAS, MATHEW ALEXANDER, AU
[72] PITSON, STUART MAXWELL, AU
[72] GAMBLE, JENNIFER RUTH, AU
[72] D'ANDREA, RICHARD JAMES, AU
[72] WATTENBERG, BRIAN WOLFF, AU
[72] XIA, PU, AU
[71] JOHNSON & JOHNSON RESEARCH PTY. LIMITED, AU
[85] 2001-11-06
[86] 2000-05-12 (PCT/AU2000/000457)
[87] 2000-11-23 (WO2000/070028)
[30] AU (PQ 0339) 1999-05-13
[30] AU (PQ 1504) 1999-07-08

[21] **2,373,367**
[13] A1

[51] Int.Cl. 7G06F 17/00
[25] EN
[54] **SYSTEMS AND METHODS FOR EVALUATING INFORMATION ASSOCIATED WITH A TRANSACTION TO DETERMINE A SUBSIDY OFFER**
[54] **SYSTEMES ET PROCEDES POUR EVALUER DES INFORMATIONS ASSOCIEES A UNE TRANSACTION POUR DETERMINER UNE OFFRE DE SUBVENTION**
[72] WALKER, JAY S., US
[72] JORASCH, JAMES A., US
[72] TEDESCO, DANIEL E., US
[72] PACKES, JOHN M., JR., US
[72] TULLEY, STEPHEN C., US
[72] BEMER, KEITH, US
[71] WALKER DIGITAL, LLC, US
[85] 2002-01-10
[86] 2000-07-06 (PCT/US2000/018474)
[87] 2001-02-01 (WO2001/008025)
[30] US (60/143,396) 1999-07-12
[30] US (09/579,215) 2000-05-26

[21] **2,373,538**
[13] A1

[51] Int.Cl. 7A61F 11/04 7H04R 25/00
[25] EN
[54] **MULTIRATE COCHLEAR STIMULATION STRATEGY AND APPARATUS**
[54] **STRATEGIE ET APPAREIL DE STIMULATION COCHLEAIRE A PLUSIEURS VITESSES**
[72] WOLF, JOE, AU
[72] CARTER, PAUL MICHAEL, US
[72] PARKER, SIMON GEOFFREY, AU
[72] FEARN, ROBERT, AU
[72] FRAMPTON, NIKI, AU
[71] COCHLEAR LIMITED, AU
[85] 2002-01-11
[86] 2000-07-13 (PCT/AU2000/000838)
[87] 2001-01-18 (WO2001/003622)
[30] AU (PQ 1610) 1999-07-13

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[21] **2,373,544**
[13] A1

[51] **Int.Cl. 7C07C 69/74 7C07C 67/02 7C07C 61/12**
[25] EN
[54] **MICROBIAL PROCESS FOR PREPARING PRAVASTATIN**
[54] **PROCEDE MICROBIEN DE PREPARATION DE PRAVASTATINE**
[72] ILKOY, EVA, HU
[72] JEKKEL, ANTONIA, HU
[72] AMBRUS, GABOR, HU
[72] HORVATH, ILDIKO, HU
[72] KONYA, ATTILA, HU
[72] BOROS, SANDOR, HU
[72] SALAT, JANOS, HU
[72] MOZES, JULIANNA, HU
[72] NAGY, ZSUZSANNA, HU
[72] SZABO, ISTVAN MIHALY, HU
[72] SOMOGYI, GYORGY, HU
[72] BARTA, ISTVAN, HU
[72] HORVATH, GYULA, HU
[71] IVAX CORPORATION, US
[85] 2002-01-11
[86] 2000-07-11 (PCT/US2000/019384)
[87] 2001-01-18 (WO2001/003647)
[30] HU (P 9902352) 1999-07-12

[21] **2,374,411**
[13] A1

[51] **Int.Cl. 7C07H 19/16 7C07H 19/06 7A61P 31/12 7A61P 31/18 7A61K 31/70**
[25] FR
[54] **NOUVEAUX ESTERS DERIVES DE NUCLEOSIDES, LEURS PROCEDES DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES EN RENFERMANT**
[54] **NOVEL ESTERS DERIVED FROM NUCLEOSIDES, PREPARATION METHODS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[72] CLERC, THIERRY, FR
[72] KRAUS, JEAN-LOUIS, FR
[72] VLIEGHE, PATRICK, FR
[72] SALLES, JEAN-PIERRE, FR
[71] LABORATOIRES LAPHAL S.A., FR
[85] 2002-01-11
[86] 2000-07-11 (PCT/FR2000/002002)
[87] 2001-01-18 (WO2001/004134)
[30] FR (99/09004) 1999-07-12

[21] **2,374,437**
[13] A1

[51] **Int.Cl. 7G01R 27/26**
[25] EN
[54] **METHOD AND APPARATUS FOR DELAY-LINE TIME-DOMAIN REFLECTOMETRY**
[54] **PROCEDE ET DISPOSITIF DE REFLECTOMETRIE DU DOMAINE TEMPOREL PAR LIGNE A RETARD**
[72] NERO, REGIS J., JR., US
[71] TOLLGRADE COMMUNICATIONS, INC., US
[85] 2002-01-11
[86] 2000-10-27 (PCT/US2000/041691)
[87] 2001-05-03 (WO2001/031890)
[30] US (60/162,092) 1999-10-28

[21] **2,374,957**
[13] A1

[51] **Int.Cl. 7B01J 23/42 7B01J 20/20 7B01J 23/44**
[25] EN
[54] **ADSORBENT HAVING CAPABILITY OF DECOMPOSING ORGANIC HALOGEN COMPOUND AND METHOD FOR PRODUCING THE SAME**
[54] **ADSORBANT POUVANT DECOMPOSER UN COMPOSE HALOGENE ORGANIQUE, ET SON PROCEDE DE PRODUCTION**
[72] OSHITA, KAZUYUKI, JP
[72] TOKURA, KATSUHIRO, JP
[72] HIRAOKA, MASAKATSU, JP
[71] NGK INSULATORS, LTD., JP
[71] HIRAOKA, MASAKATSU, JP
[85] 2002-01-14
[86] 2001-05-11 (PCT/JP2001/003961)
[87] 2001-11-22 (WO2001/087478)
[30] JP (2000-141391) 2000-05-15

[21] **2,374,981**
[13] A1

[51] **Int.Cl. 7B65D 43/26**
[25] EN
[54] **HIGH SPEED MACHINE FOR INSERTING SHEETS INTO ENVELOPES**
[54] **MACHINE D'INSERTION A GRANDE VITESSE DE FEUILLES DANS DES ENVELOPPES**
[72] WERNER, TODD C., US
[72] MILO, ALFRED, US
[71] WERNER, TODD C., US
[71] MILO, ALFRED, US
[85] 2002-01-14
[86] 2000-05-17 (PCT/US2000/013625)
[87] 2001-11-22 (WO2001/087728)

[21] **2,375,034**
[13] A1

[51] **Int.Cl. 7G01N 33/543 7G01N 33/574 7C12Q 1/68**
[25] EN
[54] **LAYERED DEVICE WITH CAPTURE REGIONS FOR CELLULAR ANALYSIS**
[54] **METHODE ET DISPOSITIF D'ANALYSE DE SPECIMENS BIOLOGIQUES**
[72] EMMERT-BUCK, MICHAEL R., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES, THE NATIONAL INSTITUTES OF HEALTH, US
[85] 2002-01-11
[86] 2000-07-26 (PCT/US2000/020354)
[87] 2001-02-01 (WO2001/007915)
[30] US (60/145,613) 1999-07-26

[21] **2,375,055**
[13] A1

[51] **Int.Cl. 7C05C 1/00 7C05B 1/00 7C05D 9/00 7C05B 1/06**
[25] EN
[54] **SULFUR-CONTAINING FERTILIZER COMPOSITION AND METHOD FOR PREPARING SAME**
[54] **COMPOSITION D'ENGRAIS CONTENANT DU SOUFRE ET PREPARATION DE CETTE COMPOSITION**
[72] SHIRLEY, ARTHUR R., JR., US
[72] PEACOCK, LAWRENCE A., US
[71] CARGILL, INCORPORATED, US
[85] 2002-01-14
[86] 2001-05-02 (PCT/US2001/014104)
[87] 2001-11-22 (WO2001/087803)
[30] US (60/204,970) 2000-05-17

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[21] **2,375,065**
[13] A1

[51] **Int.Cl. 7C07C 251/60 7A01N 37/18 7A01N 37/50 7C07C 251/58**

[25] EN

[54] **ARYL AND HETEROARYLCYCLOPROPYL OXIME ETHERS AND THEIR USE AS FUNGICIDES**

[54] **ETHERS D'OXIME ARYLE ET HETEROARYLCYCLOPROPYLE ET LEUR UTILISATION COMME FONGICIDES**

[72] ROSS, RONALD JR., US

[72] NGUYEN, DUYN VUONG, US

[72] SMITH, FRISBY DAVID, US

[72] SZAPACS, EDWARD MICHAEL, US

[72] SHABER, STEVEN HOWARD, US

[71] ROHM AND HAAS COMPANY, US

[85] 2002-01-14

[86] 2001-05-11 (PCT/US2001/015451)

[87] 2001-11-22 (WO2001/087826)

[30] US (09/572,487) 2000-05-15

[21] **2,375,069**
[13] A1

[51] **Int.Cl. 7H01L 33/00 7C09K 11/80 7C09K 11/81**

[25] EN

[54] **A WHITE LIGHT EMITTING PHOSPHOR BLEND FOR LED DEVICES**

[54] **MELANGE DE PHOSPHORE A EMISSION DE LUMIERE BLANCHE POUR DISPOSITIFS A DIODE ELECTROLUMINESCENTE (DEL)**

[72] COMANZO, HOLLY ANN, US

[72] SRIVASTAVA, ALOK MANI, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2002-01-10

[86] 2001-05-14 (PCT/US2001/015494)

[87] 2001-11-22 (WO2001/089000)

[30] US (09/571,379) 2000-05-15

[21] **2,375,307**
[13] A1

[51] **Int.Cl. 7G03G 13/22 7G03G 9/10**

[25] EN

[54] **MAGNETIC CARRIER PARTICLES**

[54] **PARTICULES SUPPORT MAGNETIQUES**

[72] LAMBERT, PATRICK M., US

[71] HEIDELBERG DIGITAL L.L.C., US

[85] 2002-01-11

[86] 2001-05-11 (PCT/US2001/015421)

[87] 2001-11-22 (WO2001/088622)

[30] US (09/572,988) 2000-05-17

[21] **2,375,556**
[13] A1

[51] **Int.Cl. 7A61K 7/00 7A61K 7/42**

[25] EN

[54] **UV RADIATION REFLECTING OR ABSORBING AGENTS, PROTECTING AGAINST HARMFUL UV RADIATION AND REINFORCING THE NATURAL SKIN BARRIER**

[54] **AGENTS A EFFET REFLECHISSANT OU ABSORBANT DU RAYONNEMENT UV, PROTEGEANT CONTRE LE RAYONNEMENT UV NOCIF ET RENFORCANT LA BARRIERE CUTANEE NATURELLE**

[72] WISSING, SYLVIA, DE

[72] MULLER, RAINER HELMUT, DE

[72] MADER, KARSTEN, DE

[71] PHARMASOL GMBH, DE

[85] 2002-01-14

[86] 2000-07-10 (PCT/EP2000/006534)

[87] 2001-01-18 (WO2001/003652)

[30] DE (199 32 156.6) 1999-07-13

[30] DE (100 16 155.3) 2000-03-31

[21] **2,375,603**
[13] A1

[51] **Int.Cl. 7G06F 3/033**

[25] EN

[54] **METHOD AND APPARATUS FOR CONFIGURING A DEVICE CONTROL SYSTEM**

[54] **PROCEDE ET APPAREIL DE CONFIGURATION D'UN SYSTEME DE COMMANDE D'UN DISPOSITIF**

[72] MCGRANE, WILLIAM B., US

[72] WARD, ROBERT D., US

[72] LEWNO, MARK S., US

[71] AMX CORPORATION, US

[85] 2002-01-10

[86] 2000-06-05 (PCT/US2000/040097)

[87] 2000-12-14 (WO2000/075767)

[30] US (09/329,019) 1999-06-09

[21] **2,375,637**
[13] A1

[51] **Int.Cl. 7H01L 27/148 7H04N 3/15**

[25] EN

[54] **CMOS/CCD LINE TRANSFER IMAGER WITH LOW DARK CURRENT**
[54] **IMAGEUR A TRANSFERT DE LIGNE SCOM/DCC AVEC COURANT D'OBSCURITE FAIBLE**

[72] MCCAFFREY, NATHANIEL JOSEPH, US

[72] PANTUSO, FRANCIS PAUL, US

[72] LEVINE, PETER ALAN, US

[72] TOWER, JOHN ROBERTSON, US

[71] SARNOFF CORPORATION, US

[85] 2002-01-11

[86] 2000-07-14 (PCT/US2000/019464)

[87] 2001-01-18 (WO2001/004968)

[30] US (60/143,719) 1999-07-14

[30] US (09/614,765) 2000-07-12

[21] **2,375,760**
[13] A1

[51] **Int.Cl. 7A61B 5/00**

[25] EN

[54] **METHOD OF MEASURING CONCENTRATION OF LUMINESCENT MATERIALS IN TURBID MEDIA**
[54] **PROCEDE DE MESURE DE LA CONCENTRATION DE MATIERES LUMINESCENTES DANS DES MILIEUX TROUBLES**

[72] PATTERSON, MICHAEL S., CA

[72] WEERSINK, ROBERT A., CA

[71] PHOTONICS RESEARCH ONTARIO, CA

[71] PATTERSON, MICHAEL S., CA

[85] 2002-01-11

[86] 2000-07-13 (PCT/CA2000/000823)

[87] 2001-01-18 (WO2001/003571)

[30] US (09/352,606) 1999-07-13

[21] **2,375,761**
[13] A1

[51] **Int.Cl. 7A46D 1/00**

[25] EN

[54] **METHOD OF PRODUCING MULTI-LAYERED BRISTLE MATERIAL, MULTI-LAYERED BRISTLE AND ITS USE**

[54] **PROCEDE DE REALISATION DE MATERIAU DE SOIE MULTICOUCHE, SOIE MULTICOUCHE ET SON UTILISATION**

[72] WEIHRAUCH, GEORG, DE

[71] PEDEX & CO. GMBH, DE

[85] 2002-01-10

[86] 2000-07-05 (PCT/EP2000/006289)

[87] 2001-01-18 (WO2001/003543)

[30] DE (199 32 368.2) 1999-07-13

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<p style="text-align: center;">[21] 2,375,763 [13] A1</p> <p>[51] Int.Cl. 7A46B 3/06 7B29C 45/14 [25] EN [54] METHOD AND DEVICE FOR PRODUCING BRUSHES AND BRUSHES PRODUCED USING THE SAME [54] PROCEDE ET DISPOSITIF DE PRODUCTION DE BROSSES ET BROSSES AINSI OBTENUES [72] WEIHRAUCH, GEORG, DE [71] CORONET-WERKE GMBH, DE [85] 2002-01-10 [86] 2000-07-06 (PCT/EP2000/006416) [87] 2001-01-18 (WO2001/003540) [30] DE (199 32 377.1) 1999-07-13</p>	<p style="text-align: center;">[21] 2,375,772 [13] A1</p> <p>[51] Int.Cl. 7A61F 9/01 [25] EN [54] APPARATUS FOR DETERMINING AND ABLATING THE CORNEAL TISSUE VOLUME FOR CORRECTING VISUAL AMETROPIA [54] APPAREIL POUR CALCULER ET RETIRER LE VOLUME DE TISSU CORNEEN NECESSAIRE POUR CORRIGER L'AMETROPIE VISUELLE [72] D'IPPOLITO, GIUSEPPE, IT [71] LIGI TECNOLOGIE MEDICALI S.R.L., IT [85] 2002-01-11 [86] 1999-10-26 (PCT/IT1999/000341) [87] 2001-01-18 (WO2001/003621) [30] IT (MI99A001526) 1999-07-12</p>	<p style="text-align: center;">[21] 2,375,784 [13] A1</p> <p>[51] Int.Cl. 7A23B 7/16 [25] EN [54] METHOD OF COATING FOOD PRODUCTS AND A COATING COMPOSITION [54] PROCEDE D'ENROBAGE DE PRODUITS ALIMENTAIRES ET COMPOSITION D'ENROBAGE [72] AGER, SCOTT P., US [72] IVERSON, CARL E., US [71] CH20 INCORPORATED, US [85] 2002-01-10 [86] 2000-07-13 (PCT/US2000/019111) [87] 2001-01-18 (WO2001/003511) [30] US (60/143,606) 1999-07-13 [30] US (60/169,773) 1999-12-09 [30] US (60/202,666) 2000-05-08</p>
<p style="text-align: center;">[21] 2,375,766 [13] A1</p> <p>[51] Int.Cl. 7A22C 21/00 [25] EN [54] METHOD FOR REMOVING SKIN FROM THE BODY AND/OR PARTS OF THE BODY OF ANIMALS, AND DEVICE THEREFOR [54] PROCEDE POUR L'ENLEVEMENT DE LA PEAU DE CORPS ET/OU DE PARTIES DE CORPS D'ANIMAUX, ET DISPOSITIF POUR SA MISE EN OEUVRE [72] GROTH, PETER, DE [71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE [85] 2002-01-11 [86] 2000-07-08 (PCT/EP2000/006569) [87] 2001-01-18 (WO2001/003509) [30] DE (199 32 085.3) 1999-07-12 [30] DE (199 36 974.7) 1999-08-05</p>	<p style="text-align: center;">[21] 2,375,775 [13] A1</p> <p>[51] Int.Cl. 7A61C 1/00 7A61C 5/02 [25] EN [54] ROTARY HANDPIECE FOR ENDODONTIC INSTRUMENTATION [54] EMBOUT A MAIN ROTATIF POUR INSTRUMENTS ENDODONTIQUES [72] JOHNSON, WILLIAM B., US [71] DENTSPLY INTERNATIONAL INC., US [85] 2002-01-11 [86] 2000-07-12 (PCT/US2000/018886) [87] 2001-01-18 (WO2001/003601) [30] US (60/143,584) 1999-07-13</p>	<p style="text-align: center;">[21] 2,375,943 [13] A1</p> <p>[51] Int.Cl. 7A01K 67/027 [25] EN [54] CORTICOTROPIN RELEASING FACTOR RECEPTOR 2 DEFICIENT MICE AND USES THEREOF [54] SOURIS A DEFICIENCE DE RECEPTEUR 2 DU FACTEUR DE LIBERATION DE LA CORTICOTROPINE, ET UTILISATIONS CORRESPONDANTES [72] LEE, KUO-FEN, US [72] VALE, WYLIE, US [72] BALE, TRACY L., US [72] SMITH, GEORGE W., US [71] RESEARCH DEVELOPMENT FOUNDATION, US [85] 2002-01-14 [86] 2000-07-14 (PCT/US2000/019371) [87] 2001-01-25 (WO2001/005222) [30] US (60/144,261) 1999-07-15</p>
<p style="text-align: center;">[21] 2,375,770 [13] A1</p> <p>[51] Int.Cl. 7A22C 25/14 [25] EN [54] METHOD AND APPARATUS FOR ALIGNING A DEAD FISH [54] PROCEDE POUR ALIGNER LE POISSON MORT [72] KETELS, DIETER, DE [72] KAHRE, HOLGER, DE [71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE [85] 2002-01-11 [86] 2000-07-14 (PCT/EP2000/006787) [87] 2001-01-18 (WO2001/003510) [30] DE (199 32 824.2) 1999-07-14</p>	<p style="text-align: center;">[21] 2,375,777 [13] A1</p> <p>[51] Int.Cl. 7A61B 17/04 7B31B 1/00 7A61B 17/10 [25] EN [54] EXPANDING PARALLEL JAW DEVICE FOR USE WITH AN ELECTROMECHANICAL DRIVER DEVICE [54] DISPOSITIF A MACHOIRES PARALLELES EXPANSIBLES DESTINE A UN DISPOSITIF DE COMMANDE ELECTROMECHANIQUE [72] WHITMAN, MICHAEL P., US [71] POWERMED, INC., US [85] 2002-01-11 [86] 2000-07-11 (PCT/US2000/018911) [87] 2001-01-18 (WO2001/003587) [30] US (09/351,534) 1999-07-12</p>	

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[21] **2,375,987**
[13] A1

[51] **Int.Cl. 7A23P 1/08 7A23C 19/09 7A21D 2/16 7A23L 1/164 7A23L 1/22 7A23L 1/39**
[25] EN
[54] **LIQUID FOOD SUSPENSION**
[54] **SUSPENSION ALIMENTAIRE LIQUIDE**
[72] PUGH, JEREMY, GB
[72] FERGYSO, DAVID RUSSELL, GB
[72] HELLABY, STEPHEN RICHARD, GB
[71] KERRY INGREDIENTS (UK) LIMITED, GB
[85] 2002-01-11
[86] 2000-07-14 (PCT/GB2000/002644)
[87] 2001-01-25 (WO2001/005256)
[30] GB (9916698.5) 1999-07-16

[21] **2,376,013**
[13] A1

[51] **Int.Cl. 7A45C 5/00**
[25] EN
[54] **A BAG WITH TWO CONVEX LIDS**
[54] **SAC A DEUX COUVERCLES CONVEXES**
[72] BROMS, ELISABET, SE
[72] BERGKVIST, HAKAN, SE
[71] BABY BJORN AB, SE
[85] 2002-01-09
[86] 2000-07-07 (PCT/SE2000/001456)
[87] 2001-01-25 (WO2001/005264)
[30] SE (9902720-3) 1999-07-16

[21] **2,376,020**
[13] A1

[51] **Int.Cl. 7A23L 3/3472 7A23B 4/10 7A23B 4/22 7A23L 3/3499 7A23L 3/3517**
[25] EN
[54] **AN ANTIBACTERIAL COMPOSITION FOR CONTROL OF GRAM POSITIVE BACTERIA IN FOOD**
[54] **COMPOSITION ANTIBACTERIENNE CONTRE LES BACTERIES GRAM POSITIVES DANS LES APPLICATIONS ALIMENTAIRES**
[72] MING, XINTIAN, US
[72] KING, WILLIAM, US
[71] RHODIA INC., US
[85] 2002-01-14
[86] 2000-07-14 (PCT/US2000/019388)
[87] 2001-01-25 (WO2001/005254)
[30] US (60/143,913) 1999-07-14
[30] US (UNKNOWN) 2000-07-14

[21] **2,376,036**
[13] A1

[51] **Int.Cl. 7G02B 6/12**
[25] EN
[54] **DYNAMICALLY CONFIGURABLE SPECTRAL FILTER**
[54] **FILTRE SPECTRAL CONFIGURABLE DYNAMIQUEMENT**
[72] WIGLEY, PETER G., US
[72] LIU, YONGQIAN, US
[72] BROPHY, CHRISTOPHER P., US
[71] CORNING INCORPORATED, US
[85] 2002-01-11
[86] 2000-05-16 (PCT/US2000/013388)
[87] 2001-01-18 (WO2001/004674)
[30] US (09/351,590) 1999-07-12

[21] **2,376,174**
[13] A1

[51] **Int.Cl. 7A61G 5/06**
[25] EN
[54] **MID-WHEEL DRIVE WHEELCHAIR WITH RIGID FRONT WHEEL ANTI-TIP STABILIZER**
[54] **FAUTEUIL ROULANT MOTORISE A ROUE DE STABILISATION POURVU D'UN STABILISATEUR DE ROUE AVANT ANTIBASCULEMENT RIGIDE**
[72] MENTESSI, ROLAND A., US
[72] HUNT, JASON D., US
[72] JINDRA, JOHN A., US
[72] MIADOCK, JAMES R., US
[71] INVACARE CORPORATION, US
[85] 2001-12-17
[86] 2000-06-28 (PCT/US2000/017707)
[87] 2001-01-11 (WO2001/001914)
[30] US (09/347,208) 1999-07-02

[21] **2,376,254**
[13] A1

[51] **Int.Cl. 7B60C 27/02**
[25] EN
[54] **CHAIN FOR TIRE**
[54] **CHAINE POUR PNEUMATIQUE**
[72] KIM, JONG GIL, KR
[71] KIM, JONG GIL, KR
[85] 2002-01-11
[86] 2000-08-19 (PCT/KR2000/000927)
[87] 2001-03-01 (WO2001/014155)
[30] KR (1999/34643) 1999-08-20
[30] KR (2000/10236) 2000-02-29

[21] **2,376,416**
[13] A1

[51] **Int.Cl. 7B29C 65/06**
[25] EN
[54] **SPIN WELDING CONTAINER CLOSURES**
[54] **FERMETURE DE RECIPIENTS PAR SOUDAGE PAR FRICTION**
[72] PENCAK, JOHN, US
[71] SILGAN CONTAINERS CORPORATION, US
[85] 2002-01-11
[86] 2001-05-23 (PCT/US2001/016679)
[87] 2001-12-20 (WO2001/096093)
[30] US (09/593,064) 2000-06-13

[21] **2,377,433**
[13] A1

[51] **Int.Cl. 7C07K 7/06 7C12N 9/18**
[25] FR
[54] **COMPOSE PEPTIDIQUE DERIVE D'UNE ORF DECALEE DU GENE ICE**
[54] **COMPOUND DERIVED FROM AN OFFSET ORF OF THE ICE GENE**
[72] SCOTT, VERONIQUE, FR
[72] RONSIN, CHRISTOPHE, FR
[72] TRIEBEL, FREDERIC, FR
[71] INSTITUT GUSTAVE ROUSSY, FR
[85] 2001-12-27
[86] 2000-06-27 (PCT/FR2000/001791)
[87] 2001-01-04 (WO2001/000784)
[30] FR (99/08224) 1999-06-28

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[13] A1

[51] **Int.Cl. 7A61L 24/08 7A61F 5/443**
[25] EN
[54] **AN OSTOMY APPLIANCE**
[54] **ACCESSOIRE DE STOMIE**
[72] NIELSEN, INGER MANN, DK
[72] CIOK, DANUTA, DK
[72] NIELSEN, PER OLE, DK
[71] COLOPLAST A/S, DK
[85] 2002-01-10
[86] 2000-07-13 (PCT/DK2000/000395)
[87] 2001-01-25 (WO2001/005340)
[30] DK (PA 1999 01033) 1999-07-15

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7E21B 33/00 7F16L 17/00 7E21B 33/10
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[25] EN
[54] **EXPANDABLE JOINT
CONNECTOR**
[54] **CONNECTEUR DE RACCORD
EXTENSIBLE**
[72] COSTA, D. SCOTT, US
[72] EVANS, M. EDWARD, US
[71] ENVENTURE GLOBAL
TECHNOLOGY, LLC, US
[85] 2002-01-11
[86] 2000-07-11 (PCT/US2000/040341)
[87] 2001-01-18 (WO2001/004520)
[30] US (09/352,815) 1999-07-13

[21] **2,377,819**
[13] A1
[51] **Int.Cl. 7B01D 46/42**
[25] EN
[54] **MODULAR CLEAN ROOM FILTER
SYSTEM**
[54] **SYSTEME DE FILTRATION
MODULAIRE POUR SALLE BLANCHE**
[72] MCGILL, JOSEPH A., US
[71] MCGILL, JOSEPH A., US
[85] 2002-01-31
[86] 2001-01-03 (PCT/US2001/000083)
[87] 2002-07-03 (WO/)

[21] **2,377,876**
[13] A1
[51] **Int.Cl. 7B22D 11/06 7B23K 26/00**
[25] EN
[54] **COOLING DRUM FOR THIN SLAB
CONTINUOUS CASTING,
PROCESSING METHOD AND
APPARATUS THEREOF, AND THIN
SLAB AND CONTINUOUS CASTING
METHOD THEREOF**
[54] **TAMBOUR DE
REFROIDISSEMENT POUR LE
MOULAGE PAR COULAGE CONTINU
DE PIECES FINES, PROCEDE ET
APPAREIL DE FABRICATION, FINE
PIECE MOULEE ET PROCEDE DE
MOULAGE PAR COULAGE CONTINU**
[72] SUICHI, ISAO, JP
[72] KURISU, YASUSHI, JP
[72] YAMADA, MAMORU, JP
[72] MIYAZAKI, MASAFUMI, JP
[72] TAKEUCHI, EIICHI, JP
[72] OKA, HIDEKI, JP
[72] SEKI, KAZUMI, JP
[72] MARUKI, YASUO, JP
[72] IZU, TADAHIRO, JP
[72] ISHIMARU, EIICHIRO, JP
[72] YAMAMURA, HIDEAKI, JP
[72] HAMADA, NAOYA, JP
[72] NAKAYAMA, MITSURU, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2002-01-11
[86] 2001-05-11 (PCT/JP2001/003965)
[87] 2001-11-15 (WO2001/085369)
[30] JP (2000-140315) 2000-05-12
[30] JP (2000-175850) 2000-06-12
[30] JP (2000-288425) 2000-09-22
[30] JP (2000-306753) 2000-10-05
[30] JP (2000-306764) 2000-10-05
[30] JP (2000-306711) 2000-10-05
[30] JP (2001-073101) 2001-02-08

[21] **2,377,887**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEMS AND METHODS FOR
PROVIDING A SUBSIDY OFFER
THROUGH A CUSTOMER DEVICE**
[54] **SYSTEMES ET PROCEDES
PERMETTANT DE FOURNIR UNE
OFFRE PROMOTIONNELLE PAR
L'INTERMEDIAIRE D'UN DISPOSITIF
DE CLIENT**
[72] TULLEY, STEPHEN C., US
[72] WALKER, JAY S., US
[72] ALDERUCCI, DEAN, US
[72] TEDESCO, DANIEL E., US
[71] WALKER DIGITAL, LLC, US
[85] 2002-01-10
[86] 2000-07-06 (PCT/US2000/018917)
[87] 2001-01-18 (WO2001/004786)
[30] US (60/143,490) 1999-07-12
[30] US (09/526,907) 2000-03-16

[21] **2,377,892**
[13] A1
[51] **Int.Cl. 7C01B 33/02**
[25] EN
[54] **POLYCRYSTALLINE SILICON
AND PROCESS AND APPARATUS FOR
PRODUCING THE SAME**
[54] **SILICIUM POLYCRISTALLIN ET
PROCEDE ET APPAREIL DE
PRODUCTION CORRESPONDANTS**
[72] ODA, HIROYUKI, JP
[72] WAKAMATSU, SATORU, JP
[71] TOKUYAMA CORPORATION, JP
[85] 2002-01-10
[86] 2001-05-09 (PCT/JP2001/003865)
[87] 2001-11-15 (WO2001/085613)
[30] JP (2000-139023) 2000-05-11

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<p style="text-align: center;">[21] 2,377,937 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/00 7C07K 14/705 [25] EN [54] ANTISENSE OLIGONUCLEOTIDES FOR METABOTROPIC GLUTAMATE RECEPTOR TYPE 1 (MGLUR1) [54] OLIGONUCLEOTIDES DE RECEPTEUR TYPE 1 DE GLUTAMATE METABOTROPIQUE (MGLUR1) [72] FUNDYTUS, MARIAN E., CA [72] VAINIO, ANNELI, CA [72] HENRY, JAMES L., CA [72] COHEN, S. ROBIN, CA [72] CODERRE, TERENCE J., CA [71] MCGILL UNIVERSITY, CA [85] 2002-01-09 [86] 2000-07-17 (PCT/CA2000/000824) [87] 2001-01-25 (WO2001/005963) [30] US (60/144,004) 1999-07-15</p>	<p style="text-align: center;">[21] 2,377,993 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/38 [25] EN [54] METHOD FOR CODING MODE SELECTION [54] PROCEDE DE SELECTION DE METHODE DE CODAGE [72] HOLMA, HARRI, FI [71] NOKIA CORPORATION, FI [85] 2001-12-28 [86] 2000-07-05 (PCT/FI2000/000615) [87] 2001-01-11 (WO2001/003448) [30] FI (991536) 1999-07-05</p>	<p style="text-align: center;">[21] 2,378,088 [13] A1</p> <p>[51] Int.Cl. 7G06F 15/17 7G06F 13/38 [25] EN [54] MASSIVE COLLECTIVE NETWORK PROCESSING SYSTEM AND METHODS [54] SYSTEME ET PROCEDES DE TRAITEMENT D'UN RESEAU COLLECTIF A GRANDE ECHELLE [72] VERBECK, GERARD A., US [72] SMITH, SCOTT A., US [72] HOWARD, KEVIN D., US [71] MASSIVELY PARALLEL COMPUTING, INC., US [85] 2002-01-14 [86] 2000-06-26 (PCT/US2000/017576) [87] 2001-01-04 (WO2001/001219) [30] US (60/141,208) 1999-06-25 [30] US (60/188,659) 2000-03-10</p>
	<p style="text-align: center;">[21] 2,378,049 [13] A1</p> <p>[51] Int.Cl. 7A61B 8/00 7A61B 8/12 [25] EN [54] FOCUSED ULTRASOUND TRANSDUCERS AND SYSTEMS [54] TRANSDUCTEURS ET SYSTEMES A ULTRASONS FOCALISES [72] BAUTISTA, RICHARD, US [72] MENDOZA, DENNIS, US [72] SUORSA, VEIJO T., US [71] BOSTON SCIENTIFIC CORPORATION, BB [85] 2002-01-10 [86] 2000-07-20 (PCT/IB2000/001001) [87] 2001-01-25 (WO2001/005305) [30] US (09/362,630) 1999-07-21</p>	<p style="text-align: center;">[21] 2,378,091 [13] A1</p> <p>[51] Int.Cl. 7G01N 27/26 7G01N 27/447 [25] EN [54] HIGH DENSITY ELECTROPHORESIS DEVICE AND METHOD [54] APPAREIL ET PROCEDE D'ELECTROPHORESE HAUTE DENSITE [72] KOWALLIS, REID B., US [72] WoudenBERG, TIMOTHY M., US [71] PE CORPORATION (NY), US [85] 2002-01-09 [86] 2000-07-14 (PCT/US2000/019265) [87] 2001-01-25 (WO2001/006228) [30] US (60/144,103) 1999-07-16</p>

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[13] A1

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[25] EN
[54] **A MULTI-FUNCTIONAL OPTICAL SWITCH AND ITS METHOD OF MANUFACTURE**
[54] **COMMUTATEUR OPTIQUE MULTIFONCTION (MULTIPLEXEUR/ DEMULTIPLEXEUR OPTIQUE EN LONGUEUR D'ONDE, MULTIPLEXEUR A INSERTION-EXTRACTION ET DISPOSITIF D'INTERCONNEXION) ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] GHARAVI, ALIREZA, US
[71] TRANS PHOTONICS, L.L.C., US
[85] 2002-01-09
[86] 2000-07-20 (PCT/US2000/019921)
[87] 2001-01-25 (WO2001/006305)
[30] US (09/357,201) 1999-07-20

[21] **2,378,152**
[13] A1

[51] **Int.Cl. 7A61B 17/32**
[25] EN
[54] **A SURGICAL SCALPEL WITH RETRACTABLE GUARD**
[54] **SCALPEL CHIRURGICAL DOTE D'UNE GAINE RETRACTABLE**
[72] KIEHNE, VANESSA GAY, AU
[71] OCCUPATIONAL & MEDICAL INNOVATIONS PTY LTD., AU
[85] 2002-01-10
[86] 2000-03-09 (PCT/AU2000/000166)
[87] 2001-01-25 (WO2001/005312)
[30] AU (40144/99) 1999-07-15

[21] **2,378,166**
[13] A1

[51] **Int.Cl. 7A61B 5/02**
[25] EN
[54] **OPTICAL NONINVASIVE BLOOD PRESSURE SENSOR AND METHOD**
[54] **CAPTEUR OPTIQUE NON INVASIF DE PRESSION SANGUINE ET PROCEDE CORRESPONDANT**
[72] KHAIR, MOHAMMAD, US
[72] LOPEZ, SALVADOR, US
[72] OLSON, WILLIAM, US
[72] NG, RICHARD, US
[72] GHAEM, SANJAR, US
[71] MOTOROLA, INC., US
[85] 2002-01-10
[86] 2001-05-10 (PCT/US2001/015201)
[87] 2001-11-15 (WO2001/085024)
[30] US (09/569,586) 2000-05-10

[21] **2,378,180**
[13] A1

[51] **Int.Cl. 7G02F 1/21 7G02F 1/1333**
[25] EN
[54] **ELECTRO-OPTIC DEVICE ALLOWING WAVELENGTH TUNING**
[54] **DISPOSITIF ELECTRO-OPTIQUE PERMETTANT L'ACCORD EN LONGUEUR D'ONDE**
[72] COWAN, JAMES J., US
[71] AZTEC SYSTEMS, INC., US
[85] 2002-01-11
[86] 2000-07-12 (PCT/US2000/018882)
[87] 2001-01-18 (WO2001/004697)
[30] US (60/143,284) 1999-07-12

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[13] A1

[51] **Int.Cl. 7C07D 213/02 7C07D 401/12 7A61K 31/34 7A61K 31/38 7A61K 31/40 7A61K 31/41 7A61K 31/415 7A61K 31/42 7A61K 31/425 7A61K 31/44**
[25] EN
[54] **BENZANILIDES AS POTASSIUM CHANNEL OPENERS**
[54] **BENZANILIDES COMME OUVREURS DE CANAUX POTASSIQUES**
[72] WICKENDEN, ALAN DAVID, US
[72] GROSS, MICHAEL FRANCIS, US
[72] MCNAUGHTON-SMITH, GRANT ANDREW, US
[71] ICAGEN, INC., US
[85] 2002-01-11
[86] 2000-08-04 (PCT/US2000/021308)
[87] 2001-02-15 (WO2001/010380)
[30] US (60/147,221) 1999-08-04

[21] **2,378,380**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **AUTOMATED OPTICAL CHIP HOLDER FOR A PIGTAILING SYSTEM**
[54] **PORTE-PUCE OPTIQUE AUTOMATISE POUR SYSTEME DE COUPLAGE PAR FIBRE AMORCE**
[72] TIAN, YONG, FR
[71] CORNING INCORPORATED, US
[85] 2002-01-07
[86] 2000-06-02 (PCT/US2000/015357)
[87] 2001-01-18 (WO2001/004809)
[30] EP (99401673.1) 1999-07-07

[21] **2,378,383**
[13] A1

[51] **Int.Cl. 7G11B 33/04**
[25] EN
[54] **A STORAGE CASE FOR A COMPACT DISC**
[54] **BOITE DE STOCKAGE POUR DISQUES COMPACTS**
[72] WRIGHT, PATRICK CHRISTOPHER, IE
[72] MCCORMACK, JOHN JOSEPH, IE
[72] LAWLOR, JOHN JOSEPH, IE
[72] LAVERTY, OWEN PAUL, IE
[72] LAWLOR, WILLIAM PETER, IE
[71] LAWLOR, JOHN JOSEPH, IE
[71] LAWLOR, WILLIAM PETER, IE
[85] 2002-01-07
[86] 2000-07-07 (PCT/IE2000/000086)
[87] 2001-01-18 (WO2001/004904)
[30] IE (S990571) 1999-07-08

[21] **2,378,384**
[13] A1

[51] **Int.Cl. 7H01M 8/02**
[25] EN
[54] **ELECTRICAL BONDING PROTECTED AGAINST OXIDATION ON THE GAS COMBUSTION SIDE OF A HIGH TEMPERATURE FUEL CELL**
[54] **MISE EN CONTACT ELECTRIQUE PROTEGEE CONTRE L'OXYDATION DU COTE GAZ DE COMBUSTION D'UNE PILE A COMBUSTIBLE HAUTE TEMPERATURE**
[72] JANSING, THOMAS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2002-01-07
[86] 2000-06-26 (PCT/DE2000/002071)
[87] 2001-01-18 (WO2001/004981)
[30] DE (199 32 192.2) 1999-07-09

[21] **2,378,391**
[13] A1

[51] **Int.Cl. 7H02J 13/00**
[25] EN
[54] **DETECTING AND MAPPING POWER LINE LOSS**
[54] **DETECTER ET CARTOGRAPHIER LA PERTE DE PUISSANCE D'UNE LIGNE ELECTRIQUE**
[72] SMITH, MITCHELL D., US
[72] JONES, ALAN J., GB
[71] BCN DATA SYSTEMS LTD, GB
[85] 2002-01-07
[86] 2000-07-14 (PCT/GB2000/002637)
[87] 2001-01-18 (WO2001/005013)
[30] EP (99305563.1) 1999-07-14

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[13] A1

[51] **Int.Cl. 7H03H 7/42 7H01P 5/10**
[25] EN
[54] **BALUN**
[54] **CONVERTISSEUR**
[72] WESTBERG, DAVID, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2002-01-07
[86] 2000-07-10 (PCT/SE2000/001476)
[87] 2001-01-18 (WO2001/005029)
[30] SE (9902629-6) 1999-07-08

[21] **2,378,404**
[13] A1

[51] **Int.Cl. 7H04B 1/69**
[25] EN
[54] **CHANNEL ASSIGNMENT APPARATUS AND METHOD FOR COMMON PACKET CHANNEL IN A WCDMA MOBILE COMMUNICATION SYSTEM**
[54] **APPAREIL D'AFFECTATION DE CANAUX ET PROCEDE POUR CANAL COMMUN DE PAQUETS DANS UN SYSTEME D'ACCES MULTIPLE PAR REPARTITION DE CODE (AMRC) A LARGE BANDE**
[72] LEE, HYUN-WOO, KR
[72] KOO, CHANG-HOI, KR
[72] CHOI, SUNG-HO, KR
[72] KIM, KYOU-WOONG, KR
[72] MUN, HYUN-JUNG, KR
[72] KIM, JAE-YOEL, KR
[72] HWANG, SUNG-OH, KR
[72] LEE, HYUN-SEOK, KR
[72] KANG, HEE-WON, KR
[72] CHOI, HO-KYU, KR
[72] PARK, SEONG-ILL, KR
[72] AHN, JAE-MIN, KR
[72] MOON, HI-CHAN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2002-01-07
[86] 2000-07-07 (PCT/KR2000/000736)
[87] 2001-01-18 (WO2001/005050)
[30] KR (1999/27166) 1999-07-07
[30] KR (1999/29658) 1999-07-21
[30] KR (1999/32862) 1999-08-11
[30] KR (1999/34489) 1999-08-19
[30] KR (1999/35058) 1999-08-23
[30] KR (1999/45178) 1999-10-14
[30] KR (2000/984) 2000-01-10
[30] KR (2000/7195) 2000-02-11
[30] KR (2000/7166) 2000-02-15

[21] **2,378,410**
[13] A1

[51] **Int.Cl. 7H04B 10/00**
[25] EN
[54] **SIGNALLING SYSTEM**
[54] **SYSTEME DE SIGNALISATION**
[72] GREEN, ALAN EDWARD, GB
[72] MORRISON, EUAN, GB
[72] REYNOLDS, MICHAEL, GB
[71] QUANTUMBEAM LIMITED, GB
[85] 2002-01-07
[86] 2000-07-10 (PCT/GB2000/002668)
[87] 2001-01-18 (WO2001/005069)
[30] GB (9916080.6) 1999-07-08
[30] GB (9916422.0) 1999-07-13

[21] **2,378,434**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04J 3/04 7H04Q 11/04**
[25] EN
[54] **SYSTEM AND METHOD FOR THE TRANSMISSION OF MESSAGE TRAFFIC**
[54] **SYSTEME ET PROCEDE DE TRANSMISSION POUR TRAFIC DE MESSAGES**
[72] HEIMAN, PETRI, FI
[71] NOKIA CORPORATION, FI
[85] 2002-01-07
[86] 2000-07-11 (PCT/FI2000/000641)
[87] 2001-01-18 (WO2001/005104)
[30] FI (991607) 1999-07-14

[21] **2,378,505**
[13] A1

[51] **Int.Cl. 7C10L 1/32**
[25] EN
[54] **PROCESS AND APPARATUS FOR MAKING AQUEOUS HYDROCARBON FUEL COMPOSITIONS, AND AQUEOUS HYDROCARBON FUEL COMPOSITIONS**
[54] **PROCEDE ET APPAREIL POUR PREPARER DES COMPOSITIONS DE COMBUSTIBLE HYDROCARBONE AQUEUSES, ET COMPOSITIONS DE COMBUSTIBLE HYDROCARBONE AQUEUSES**
[72] DAVE, HARSHIDA, US
[72] MULLAY, JOHN J., US
[72] WESTFALL, DAVID L., US
[72] GRAF, ROBERT T., US
[72] DALY, DANIEL T., US
[72] SCHIFERL, ELIZABETH A., US
[72] FILIPPINI, BRIAN B., US
[72] FAKULT, JENNIFER N., US
[72] ABRAHAM, WILLIAM D., US
[72] LANGER, DEBORAH A., US
[72] SMITH, MORRIS E., US
[71] THE LUBRIZOL CORPORATION, US
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[87] 2001-01-18 (WO2001/004239)
[30] US (09/349,268) 1999-07-07
[30] US (09/390,925) 1999-09-07
[30] US (09/483,481) 2000-01-14

[21] **2,378,513**
[13] A1

[51] **Int.Cl. 7C11D 17/04 7A47L 25/00 7A45D 34/04**
[25] EN
[54] **FABRIC TREATMENT APPLICATOR**
[54] **APPLICATEUR POUR TRAITEMENT DES TEXTILES**
[72] WEVERS, JEAN, BE
[72] SANDBACH, DAVID, ROY, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2002-01-07
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[21] **2,378,523**
[13] A1

[51] **Int.Cl. 7B65D 30/06 7B65D 33/02 7B65D 30/10 7B65D 33/14**
[25] EN
[54] **PRODUCE BAG WITH IMPROVED STRENGTH AND LOADING FEATURES**
[54] **SAC A PRODUITS AVEC RESISTANCE ET CONFIGURATION DE CHARGEMENT AMELIOREES**
[72] FOX, KEITH L., US
[72] FOX, KENNETH S., US
[71] KENNETH FOX SUPPLY COMPANY, US
[85] 2002-01-07
[86] 2000-02-11 (PCT/US2000/004474)
[87] 2001-01-18 (WO2001/004012)
[30] US (09/349,312) 1999-07-08

[21] **2,378,626**
[13] A1

[51] **Int.Cl. 7H04B 7/26**
[25] EN
[54] **METHOD AND APPARATUS FOR SEQUENTIALLY SYNCHRONIZING A RADIO NETWORK**
[54] **PROCEDE ET APPAREIL DESTINE A UN RESEAU SYNCHRONISE SEQUENTIELLEMENT**
[72] SOLIMAN, SAMIR S., US
[71] QUALCOMM INCORPORATED, US
[85] 2002-01-14
[86] 2000-07-19 (PCT/US2000/019673)
[87] 2001-02-01 (WO2001/008344)
[30] US (09/360,491) 1999-07-21

[21] **2,378,640**
[13] A1

[51] **Int.Cl. 7D21G 3/00**
[25] EN
[54] **EQUIPMENT AND METHOD IN HANDLING OF DOCTOR BLADES FOR A PAPER/CARDBOARD MACHINE**
[54] **EQUIPEMENT ET PROCEDE DESTINES A LA MANIPULATION DES RACLES D'UNE MACHINE A PAPIER/ CARTON**
[72] RATA, ILKKA, FI
[72] RUOTSALAINEN, HARRI, FI
[72] ESKELINEN, ILKKA, FI
[72] PARVIAINEN, SEPPO, FI
[72] KUPARINEN, SAMI, FI
[72] TOIVANEN, HEIKKI, FI
[72] HAKKINEN, MIKA, FI
[71] METSO PAPER, INC., FI
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[86] 2000-06-15 (PCT/FI2000/000539)
[87] 2001-01-18 (WO2001/004414)
[30] FI (991578) 1999-07-09

[21] **2,378,694**
[13] A1

[51] **Int.Cl. 7D01F 8/10 7G02B 6/16**
[25] FR
[54] **PROCEDE ET INSTALLATION POUR LA FABRICATION D'UNE FIBRE OPTIQUE**
[54] **METHOD AND INSTALLATION FOR MAKING AN OPTICAL FIBRE**
[72] EROUT, MARIE-NOELLE, FR
[72] CHENET, PIERRE, FR
[71] OPTECTRON INDUSTRIES, FR
[85] 2002-01-08
[86] 2000-07-07 (PCT/FR2000/001985)
[87] 2001-01-18 (WO2001/004394)
[30] FR (99/09124) 1999-07-09

[21] **2,378,706**
[13] A1

[51] **Int.Cl. 7E05B 49/00 7A61B 5/00 7H04Q 9/00 7G08B 25/04 7G08B 25/08**
[25] EN
[54] **ELECTRONIC LOCK CONTROL SYSTEM AND HOME MEDICAL CARE MANAGEMENT SYSTEM**
[54] **SYSTEME DE COMMANDE DE VERROU ELECTRONIQUE ET SYSTEME DE GESTION DE SOINS MEDICAUX A DOMICILE**
[72] UEYAMA, KENJI, JP
[71] SANYO ELECTRIC CO., LTD., JP
[85] 2002-01-11
[86] 2000-07-07 (PCT/JP2000/004577)
[87] 2001-01-18 (WO2001/004441)
[30] JP (11/198050) 1999-07-12

[21] **2,378,712**
[13] A1

[51] **Int.Cl. 7C07B 59/00 7C07C 211/03 7C07D 209/48 7G01N 33/58**
[25] EN
[54] **METHODS FOR PREPARING PERFLUORINATED -18F- RADIOLABELLED NITROIMIDAZOLE DERIVATIVES FOR CELLULAR HYPOXIA DETECTION**
[54] **PROCEDES DE PREPARATION DE DERIVES DE NITRO-IMIDAZOLE -18F) SERVANT A DETECTER L'HYPOXIE CELLULAIRE**
[72] GREGOIRE, VINCENT, BE
[72] MARCHAND, JACQUELINE, BE
[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE
[85] 2002-01-09
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[30] EP (99870172.6) 1999-08-11

[21] **2,378,715**
[13] A1

[51] **Int.Cl. 7A61M 29/00**
[25] EN
[54] **VASCULAR DEVICE FOR EMBOLI, THROMBUS AND FOREIGN BODY REMOVAL AND METHODS OF USE**
[54] **DISPOSITIF VASCULAIRE PERMETTANT LE RETRAIT DES EMBOLS, DES THROMBUS ET DES CORPS ETRANGERS ET PROCEDES D'UTILISATION**
[72] RAMEE, STEPHEN, US
[72] KROLIK, JEFF A., US
[72] RENATI, RICHARD, US
[72] KHOSRAVI, FARHAD, US
[72] HOPKINS, L. N., US
[72] SALAHIEH, AMR, US
[72] LEPAK, JONAH, US
[72] DEMOND, JACKSON F., US
[71] INCEPT LLC, US
[85] 2002-01-09
[86] 2000-07-28 (PCT/US2000/020754)
[87] 2001-02-08 (WO2001/008743)
[30] US (09/364,064) 1999-07-30
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[21] **2,378,716**
[13] A1

[51] **Int.Cl. 7E21D 11/10**
[25] EN
[54] **METHOD AND SYSTEM FOR ENCASING AN ENDLESS, LAID PIPELINE CONDUIT WITH BACKFILL CONCRETE**
[54] **PROCEDE ET SYSTEME D'ENROBAGE D'UNE LIGNE DE TUBES SANS FIN A L'AIDE DE BETON DE REMPLISSAGE**
[72] MEYER, FRIEDRICH, DE
[71] MEYER, FRIEDRICH, DE
[71] STADTWERKE MUENCHEN GMBH, DE
[85] 2002-01-10
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[87] 2001-01-18 (WO2001/004463)
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[13] A1

[51] **Int.Cl. 7G01P 9/04 7G02B 26/00 7C23F 1/00 7G01P 15/135 7G03F 7/26**
[25] EN
[54] **MERGED-MASK MICRO-MACHINING PROCESS**
[54] **PROCEDE DE MICRO-USINAGE A MASQUE FUSIONNE**
[72] YU, LIANZHONG, US
[72] YU, DULI, US
[72] RIED, ROBERT P., US
[72] GOLDBERG, HOWARD D., US
[71] INPUT/OUTPUT, INC., US
[85] 2002-01-09
[86] 2000-07-13 (PCT/US2000/019127)
[87] 2001-01-18 (WO2001/004638)
[30] US (09/352,025) 1999-07-13

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[13] A1

[51] **Int.Cl. 7G01S 5/02 7G01S 5/12 7H04B 7/185 7H04Q 7/20**
[25] EN
[54] **FAST ACQUISITION POSITION REPORTING SYSTEM**
[54] **SYSTEME DE COMPTE RENDU DE POSITION A ACQUISITION RAPIDE**
[72] SULLIVAN, MARK C., US
[72] KILFEATHER, JAMES B., US
[71] EAGLE EYE, INC., US
[85] 2002-01-09
[86] 2000-07-12 (PCT/US2000/018925)
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[30] US (09/351,852) 1999-07-12

[21] **2,378,730**
[13] A1

[51] **Int.Cl. 7G02B 3/10 7G02C 7/04 7G02B 3/08 7A61F 2/16 7G02B 5/18**
[25] EN
[54] **MULTIFOCAL LENS EXHIBITING DIFFRACTIVE AND REFRACTIVE POWERS**
[54] **LENTILLE MULTIFOCALE POSSEDANT DES PUISSANCES DE DIFFRACTION ET DE REFRACTION**
[72] FIALA, WERNER, AT
[71] BIFOCON OPTICS AG, AT
[85] 2002-01-09
[86] 2000-07-12 (PCT/IB2000/000944)
[87] 2001-01-18 (WO2001/004667)
[30] US (60/143,718) 1999-07-14
[30] US (09/489,353) 2000-01-21

[21] **2,378,731**
[13] A1

[51] **Int.Cl. 7B07C 3/02**
[25] EN
[54] **PROCESS AND MACHINE FOR MERGING ORDERED BATCHES OF OBJECTS, IN PARTICULAR BATCHES OF MAIL ITEMS**
[54] **PROCEDE ET MACHINE UTILISES POUR FUSIONNER DES LOTS D'OBJETS COMMANDES ET EN PARTICULIER DES LOTS DE PIECES POSTALES**
[72] GILLET, FRANCOIS, FR
[72] FORELLA, GUY, FR
[71] SOLYSTIC, FR
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[86] 2000-10-25 (PCT/EP2000/010502)
[87] 2001-05-03 (WO2001/030514)
[30] FR (99/13362) 1999-10-26

[21] **2,378,732**
[13] A1

[51] **Int.Cl. 7G06F 1/00**
[25] EN
[54] **CONTROLLED DISTRIBUTING OF DIGITAL INFORMATION, IN PARTICULAR AUDIO**
[54] **MAITRISE DE LA DISTRIBUTION D'INFORMATION NUMERIQUE, EN PARTICULIER AUDIO**
[72] LOKHOFF, GERARDUS C. P., NL
[72] KAMPERMAN, FRANCISCUS L. A. J., NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2002-01-09
[86] 2001-04-20 (PCT/EP2001/004504)
[87] 2001-11-15 (WO2001/086387)
[30] EP (00201663.2) 2000-05-10

[21] **2,378,734**
[13] A1

[51] **Int.Cl. 7G02B 6/34**
[25] EN
[54] **METHOD AND APPARATUS FOR TRIMMING THE OPTICAL PATH LENGTH OF OPTICAL FIBER COMPONENTS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'AJUSTER LA LONGUEUR DU TRAJET OPTIQUE DE COMPOSANTS A FIBRES OPTIQUES**
[72] CHEN, GANG, US
[72] WU, QI, US
[71] CORNING INCORPORATED, US
[85] 2002-01-09
[86] 2000-05-16 (PCT/US2000/013527)
[87] 2001-01-18 (WO2001/004676)
[30] US (09/350,750) 1999-07-09

[21] **2,378,739**
[13] A1

[51] **Int.Cl. 7G01N 21/25 7G03B 15/07 7G01N 21/84**
[25] EN
[54] **OBJECT IMAGING SYSTEM**
[54] **SYSTEME DE FORMATION D'IMAGES D'OBJETS**
[72] MALMSTROM, KURT, AU
[71] RMS RESEARCH MANAGEMENT SYSTEMS INC., CA
[85] 2002-01-09
[86] 2000-07-10 (PCT/AU2000/000829)
[87] 2001-01-18 (WO2001/004606)
[30] AU (PQ 1543) 1999-07-09

[21] **2,378,742**
[13] A1

[51] **Int.Cl. 7G01N 33/53**
[25] EN
[54] **PREPARATION OF SPHERES FOR DIAGNOSTIC TESTS**
[54] **PREPARATION DE SPHERES POUR ESSAIS DIAGNOSTICS**
[72] GOERTZ, SUSAN, CA
[72] HEMMES, PAUL, CA
[71] SPECTRAL DIAGNOSTICS, INC., CA
[85] 2002-01-11
[86] 2000-07-14 (PCT/IB2000/000967)
[87] 2001-01-18 (WO2001/004633)
[30] US (09/353,191) 1999-07-14
[30] US (09/616,018) 2000-07-13

[21] **2,378,746**
[13] A1

[51] **Int.Cl. 7G01F 1/84**
[25] EN
[54] **SELF-CHARACTERIZING VIBRANT CONDUIT PARAMETER SENSORS**
[54] **CAPTEURS DE PARAMETRES POUR CONDUITS VIBRANTS A AUTO-CARACTERISATION**
[72] CUNNINGHAM, TIMOTHY J., US
[72] SHELLEY, STUART J., US
[71] MICRO MOTION, INC., US
[85] 2002-01-09
[86] 2000-06-12 (PCT/US2000/016062)
[87] 2001-01-18 (WO2001/004583)
[30] US (09/350,844) 1999-07-09

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[21] **2,378,750**
[13] A1

[51] **Int.Cl. 7B62D 53/08**
[25] EN
[54] **TRACTOR TRAILER ANTI-JACKKNIFING ASSEMBLY**
[54] **ENSEMBLE ANTI-MOUVEMENT DE CISAILLE POUR CAMION GROS PORTEUR**
[72] RIEBALKIN, PAT, CA
[72] CRAIG, DICK, CA
[72] PALLETT, IAN, CA
[72] LONG, JAMES, CA
[72] HALL, COLIN V., CA
[72] WILLIAMS, NORMAN L., CA
[71] SAFE TRANSPORTATION SYSTEMS INC., CA
[85] 2002-01-09
[86] 2000-06-02 (PCT/CA2000/000676)
[87] 2001-01-18 (WO2001/003994)
[30] US (60/143,218) 1999-07-09

[21] **2,378,756**
[13] A1

[51] **Int.Cl. 7C08G 77/06 7C08G 77/14**
[25] EN
[54] **ORGANICALLY MODIFIED SILIC ACID POLYCONDENSATES, PRODUCTION AND USE THEREOF**
[54] **POLYCONDENSATS D'ACIDE SILICIQUE MODIFIES ORGANIQUEMENT, LEUR PRODUCTION ET LEUR UTILISATION**
[72] ROSCHER, CHRISTOF, DE
[72] BUESTRICH, RALF, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2002-01-11
[86] 2000-05-31 (PCT/DE2000/001833)
[87] 2001-01-18 (WO2001/004186)
[30] DE (199 32 629.0) 1999-07-13

[21] **2,378,758**
[13] A1

[51] **Int.Cl. 7G11B 7/00**
[25] EN
[54] **METHOD AND DEVICE FOR RECORDING AN INFORMATION SIGNAL ON AN INFORMATION LAYER OF A RECORDING MEDIUM**
[54] **PROCEDE ET DISPOSITIF D'ENREGISTREMENT D'UN SIGNAL D'INFORMATION SUR UNE COUCHE D'INFORMATION D'UN SUPPORT D'ENREGISTREMENT**
[72] DEKKER, MARTIJN J., NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2002-01-08
[86] 2001-04-19 (PCT/EP2001/004457)
[87] 2001-11-15 (WO2001/086642)
[30] EP (00201653.3) 2000-05-09

[21] **2,378,759**
[13] A1

[51] **Int.Cl. 7G01N 29/02**
[25] EN
[54] **FREQUENCY WARPING FOR IMPROVING RESONATOR SIGNAL-TO-NOISE RATIO**
[54] **DISTORSION DE FREQUENCE PERMETTANT D'AMELIORER LE RAPPORT SIGNAL/BRUIT D'UN RESONATEUR**
[72] LIU, GUOJUN, US
[72] DILGER, JOHN P., US
[71] FISHER CONTROLS INTERNATIONAL, INC., US
[85] 2002-01-09
[86] 2000-07-10 (PCT/US2000/018793)
[87] 2001-01-18 (WO2001/004621)
[30] US (09/352,730) 1999-07-13

[21] **2,378,769**
[13] A1

[51] **Int.Cl. 7E04C 2/26 7B28B 15/00 7E04F 13/08**
[25] EN
[54] **CONSTRUCTION PANEL AND INSTALLATION FOR ITS FABRICATION**
[54] **PANNEAU UTILISE DANS LA CONSTRUCTION ET INSTALLATION POUR SA FABRICATION**
[72] FRADERA PELLICER, CARLOS, AD
[71] FRADERA PELLICER, CARLOS, AD
[85] 2002-01-09
[86] 2000-07-12 (PCT/ES2000/000247)
[87] 2001-01-18 (WO2001/004433)
[30] ES (U 9901847) 1999-07-13
[30] ES (U 200000382) 2000-02-17
[30] ES (U 200000544) 2000-03-02
[30] ES (U 200000545) 2000-03-02
[30] ES (U 200000616) 2000-03-08

[21] **2,378,773**
[13] A1

[51] **Int.Cl. 7F24J 1/00**
[25] EN
[54] **SELF-HEATING FLEXIBLE PACKAGE**
[54] **EMBALLAGE SOUPLE AUTOCHAUFFANT**
[72] BELL, WILLIAM L., US
[72] DIPPO, JAMES L., US
[71] TDA RESEARCH, INC., US
[85] 2002-01-10
[86] 2000-07-12 (PCT/US2000/019040)
[87] 2001-01-18 (WO2001/004548)
[30] US (09/351,578) 1999-07-12

[21] **2,378,779**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C07K 10/00 7A61K 38/17 7A61P 25/28**
[25] EN
[54] **PEPTIDES CONTAINING N-SUBSTITUTED L-AMINO ACIDS FOR PREVENTING BETA-STRAND ASSOCIATION**
[54] **PEPTIDES CONTENANT L-AMINO ACIDES N-SUBSTITUES POUR EMPECHER L'ASSOCIATION DE BRINS BETA**
[72] STOTT, KELVIN, GB
[71] STOTT, KELVIN, GB
[85] 2002-01-09
[86] 2000-07-28 (PCT/GB2000/002901)
[87] 2001-02-01 (WO2001/007473)
[30] GB (9917724.8) 1999-07-28

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[21] **2,378,782**
[13] A1
[51] **Int.Cl. 7C07D 239/42 7C07C 311/05 7C07C 229/34**
[25] EN
[54] **PROCESS FOR PREPARING 2-AMINO-4-(4-FLUORPHENYL)-6-ALKYLPYRIMIDINE-5-CARBOXYLATE**
[54] **PROCEDE DE PREPARATION DE 2-AMINO-4-(4-FLUORPHENYL)-6-ALKYLPYRIMIDINE-5-CARBOXYLATE**
[72] VEITH, ULRICH, CH
[71] LONZA AG, CH
[85] 2002-01-11
[86] 2000-06-30 (PCT/EP2000/006099)
[87] 2001-01-18 (WO2001/004100)
[30] EP (99113711.8) 1999-07-13
[30] EP (99120417.3) 1999-10-14
[30] US (60/185,465) 2000-02-28
[30] US (60/185,371) 2000-02-28
[30] EP (00106303.1) 2000-03-23

[21] **2,378,799**
[13] A1
[51] **Int.Cl. 7B23B 31/117**
[25] EN
[54] **CLAMPING DEVICE, IN PARTICULAR FOR THIN-WALLED HOLLOW PARTS**
[54] **DISPOSITIF DE SERRAGE, EN PARTICULIER POUR DES PIECES CREUSES A PAROI MINCE**
[72] WELLER, HANS-MICHAEL, DE
[71] HAINBUCH GMBH SPANNENDE TECHNIK, DE
[85] 2002-01-09
[86] 2000-07-04 (PCT/EP2000/006270)
[87] 2001-01-18 (WO2001/003870)
[30] DE (199 31 861.1) 1999-07-09

[21] **2,378,805**
[13] A1
[51] **Int.Cl. 7F01N 3/027**
[25] EN
[54] **AUTOSELECTIVE REGENERATING PARTICULATE FILTER**
[54] **FILTRE A PARTICULES REGENERANT AUTOSELECTIF**
[72] HARRY, JOHN ERNEST, GB
[72] GARNER, COLIN PETER, GB
[71] PERKINS ENGINES COMPANY LIMITED, GB
[85] 2002-01-09
[86] 2000-06-26 (PCT/GB2000/002451)
[87] 2001-01-18 (WO2001/004467)
[30] GB (9916254.7) 1999-07-12

[21] **2,378,812**
[13] A1
[51] **Int.Cl. 7B23P 19/06 7B21J 15/02 7F16B 37/06 7F16B 19/08**
[25] EN
[54] **FUNCTIONAL ELEMENT, METHOD FOR FIXING IT IN A SHEET METAL PART, ASSEMBLING ELEMENT AND SWAGING ASSEMBLY**
[54] **ELEMENT FONCTIONNEL, PROCEDE POUR SA POSE DANS UNE PIECE DE TOLE, ELEMENT D'ASSEMBLAGE ET ENSEMBLE POINCON**
[72] BABEJ, JIRI, DE
[71] PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG, DE
[85] 2002-01-09
[86] 2000-07-07 (PCT/EP2000/006465)
[87] 2001-01-18 (WO2001/003880)
[30] DE (199 32 023.3) 1999-07-09
[30] DE (199 35 923.7) 1999-07-30
[30] DE (100 18 716.1) 2000-04-16

[21] **2,378,817**
[13] A1
[51] **Int.Cl. 7B23P 19/06 7F16B 37/06**
[25] EN
[54] **METHOD FOR PLACING A FUNCTIONAL ELEMENT; DIE, FUNCTIONAL ELEMENT; ASSEMBLY ELEMENT AND DIE ARRANGEMENT**
[54] **PROCEDE POUR PLACER UN ELEMENT FONCTIONNEL; MATRICE; ELEMENT FONCTIONNEL; ELEMENT ASSEMBLE ET ENSEMBLE POINCON**
[72] BABEJ, JIRI, DE
[71] PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG, DE
[85] 2002-01-09
[86] 2000-07-07 (PCT/EP2000/006468)
[87] 2001-01-18 (WO2001/003881)
[30] DE (199 32 023.3) 1999-07-09
[30] DE (199 35 923.7) 1999-07-30
[30] DE (100 18 715.3) 2000-04-16

[21] **2,378,825**
[13] A1
[51] **Int.Cl. 7C22C 1/08 7C22B 9/04**
[25] EN
[54] **PRODUCTION METHOD FOR POROUS METAL BODY**
[54] **PROCEDE DE PRODUCTION D'UN CORPS EN METAL POREUX**
[72] NAKAJIMA, HIDEO, JP
[71] NAKAJIMA, HIDEO, JP
[85] 2002-01-09
[86] 2000-07-10 (PCT/JP2000/004567)
[87] 2001-01-18 (WO2001/004367)
[30] JP (11/195260) 1999-07-09

[21] **2,378,834**
[13] A1
[51] **Int.Cl. 7C07D 241/20 7A61P 25/00 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7A61K 31/497**
[25] EN
[54] **PYRAZINONES, COMPOSITIONS CONTAINING SUCH COMPOUNDS**
[54] **PYRAZINONES, COMPOSITIONS CONTENANT CES COMPOSES**
[72] ZAMBONI, ROBERT, CA
[72] GRIMM, ERICH L., CA
[72] MCKAY, DANIEL J., CA
[72] COLUCCI, JOHN, CA
[72] BAYLY, CHRISTOPHER I., CA
[72] GIROUX, ANDRE, CA
[72] HAN, YONGXIN, CA
[71] MERCK FROSST CANADA & CO., CA
[85] 2002-01-09
[86] 2000-07-17 (PCT/CA2000/000833)
[87] 2001-01-25 (WO2001/005772)
[30] US (60/144,466) 1999-07-19
[30] US (60/170,614) 1999-12-14

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[13] A1
[51] **Int.Cl. 7H04M 3/26**
[25] EN
[54] **IMPROVED METHOD FOR DETERMINING SUBSCRIBER LOOP MAKE-UP**
[54] **PROCEDE AMELIORE DESTINE A ETABLIR LE MONTAGE D'UNE LIGNE D'ABONNE**
[72] GALLI, STEFANO, US
[71] TELCORDIA TECHNOLOGIES, INC., US
[85] 2002-01-08
[86] 2000-09-29 (PCT/US2000/027010)
[87] 2001-04-05 (WO2001/024491)
[30] US (60/157,094) 1999-09-30

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[13] A1
[51] **Int.Cl. 7H04N 7/24**
[25] EN
[54] **METHODS AND APPARATUS FOR SELECTING MULTICAST IP DATA TRANSMITTED IN BROADCAST STREAMS**
[54] **PROCEDES ET DISPOSITIFS DESTINES A CHOISIR DES DONNEES IP DE MULTIDIFFUSION TRANSMISES DANS DES FLUX RADIODIFFUSES**
[72] RIVAS, JESUS DAVID, US
[72] YE, TAO, US
[72] COURTNEY, JONATHAN D., US
[71] SUN MICROSYSTEMS, INC., US
[85] 2002-01-09
[86] 2000-07-13 (PCT/US2000/019394)
[87] 2001-01-18 (WO2001/005158)
[30] US (60/143,428) 1999-07-13
[30] US (60/194,569) 2000-04-04

[21] **2,378,848**
[13] A1
[51] **Int.Cl. 7C07D 301/19**
[25] EN
[54] **PROCESS FOR PRODUCING PROPYLENE OXIDE**
[54] **PROCEDE DE PRODUCTION D'OXYDE DE PROPYLENE**
[72] OKU, NORIAKI, JP
[72] SEO, TATEO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2002-01-09
[86] 2000-07-10 (PCT/JP2000/004611)
[87] 2001-01-25 (WO2001/005778)
[30] JP (11/200187) 1999-07-14

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[13] A1
[51] **Int.Cl. 7C08F 2/20 7C08K 3/00 7C08F 20/56 7C08F 220/56**
[25] EN
[54] **WATER SOLUBLE ANIONIC OR NONIONIC DISPERSION POLYMER**
[54] **POLYMERE DE DISPERSION ANIONIQUE OU NON IONIQUE HYDROSOLUBLE**
[72] HURLOCK, JOHN R., US
[71] NALCO CHEMICAL COMPANY, US
[85] 2002-01-08
[86] 2000-08-22 (PCT/US2000/040721)
[87] 2001-03-15 (WO2001/018064)
[30] US (09/392,673) 1999-09-08

[21] **2,378,852**
[13] A1
[51] **Int.Cl. 7C07D 475/04**
[25] EN
[54] **METHOD FOR PRODUCING BY STEREOSPECIFIC HYDRATION TETRAHYDROPTERINS AND OPTICALLY PURE DERIVATIVES, IN PARTICULAR TETRAHYDROFOLIC ACID AND ITS OPTICALLY PURE DERIVATIVES**
[54] **PROCEDE DE FABRICATION PAR HYDRATATION STEREOSPECIFIQUE DE TETRAHYDROPTERINES ET DE DERIVES OPTIQUEMENT PURS, NOTAMMENT D'ACIDE TETRAHYDROFOLIQUE ET DE SES DERIVES OPTIQUEMENT PURS**
[72] MOSER, RUDOLF, CH
[72] PUGIN, BENOIT, CH
[72] GROEHN, VIOLA, CH
[72] MULLER, HANS RUDOLF, CH
[71] EPROVA AG, CH
[85] 2002-01-14
[86] 2000-07-12 (PCT/EP2000/006646)
[87] 2001-01-18 (WO2001/004120)
[30] CH (1301/99) 1999-07-14

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[13] A1
[51] **Int.Cl. 7B29C 47/02 7A61M 25/01 7B29C 61/02 7A61M 25/098 7A61M 25/16 7B29C 39/18 7B32B 31/26**
[25] EN
[54] **INTRODUCER DEVICE HAVING VARIABLE FLEXIBILITY AND KINK RESISTANCE AND METHOD OF MANUFACTURE FOR SAME**
[54] **DISPOSITIF INTRODUCTEUR A FLEXIBILITE VARIABLE ET RESISTANT AU VRILLAGE ET PROCEDE DE FABRICATION**
[72] ANDERSON, BRENT, US
[72] BERHOW, STEVEN, US
[71] TFX MEDICAL EXTRUSION PRODUCTS, US
[85] 2002-01-09
[86] 2000-07-20 (PCT/US2000/019777)
[87] 2001-02-01 (WO2001/007231)
[30] US (09/360,001) 1999-07-23

[21] **2,378,854**
[13] A1
[51] **Int.Cl. 7G01N 33/48 7G01N 31/00 7C07H 21/04**
[25] EN
[54] **METHODS AND COMPUTER SOFTWARE PRODUCTS FOR TRANSCRIPTIONAL ANNOTATION**
[54] **PROCEDES ET PRODUITS LOGICIELS D'ORDINATEUR POUR ANNOTATION TRANSCRIPTIONNELLE**
[72] GINGERAS, THOMAS, US
[72] ROSENOW, CARSTEN, US
[71] AFFYMETRIX, INC., US
[85] 2002-01-08
[86] 2001-04-24 (PCT/US2001/013215)
[87] 2001-11-29 (WO2001/090746)
[30] US (60/205,432) 2000-05-19
[30] US (60/206,866) 2000-05-24
[30] US (09/641,081) 2000-08-16

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[13] A1
[51] **Int.Cl. 7C07F 7/00 7A61K 6/00 7A61K 31/00**
[25] EN
[54] **TITANIUM DERIVED COMPOUNDS, PREPARATION AND USE THEREOF**
[54] **COMPOSES DE TITANE, LEUR PREPARATION ET UTILISATION**
[72] FINIDORI, CLAUDINE, FR
[71] SANOFI-SYNTHELABO, FR
[85] 2002-01-09
[86] 2000-07-11 (PCT/FR2000/001994)
[87] 2001-01-25 (WO2001/005797)
[30] FR (99/09194) 1999-07-16

[21] **2,378,858**
[13] A1
[51] **Int.Cl. 7F41A 3/60 7F41A 21/02 7F42B 30/02 7F42B 5/03 7F41A 21/04 7F41A 7/10 7F41A 21/20 7F41A 9/30 7F41A 9/35 7F41A 21/44**
[25] EN
[54] **MULTI-BARREL ASSEMBLY FEED FOR GUN**
[54] **ALIMENTATION D'ENSEMBLE FUT POUR ARME**
[72] O'DWYER, JAMES MICHAEL, AU
[71] METAL STORM LIMITED, AU
[85] 2002-01-09
[86] 2000-07-17 (PCT/AU2000/000857)
[87] 2001-01-25 (WO2001/006197)
[30] AU (PQ 1696) 1999-07-16

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[21] **2,378,861**
[13] A1

[51] **Int.Cl. 7D06L 1/08 7D06F 43/08**
[25] EN
[54] **DRY CLEANING APPARATUS AND METHOD CAPABLE OF UTILIZING A SILOXANE COMPOSITION AS A SOLVENT**
[54] **APPAREIL DE NETTOYAGE A SEC ET PROCEDE POUVANT UTILISER UNE COMPOSITION SILOXANE COMME SOLVANT**
[72] DOUGLAS, JAMES E., US
[72] GRIFFISS, JOHN MCLEOD, US
[72] BERNDT, WOLF-DIETER R., US
[71] GREENEARTH CLEANING, LLC, US
[85] 2002-01-10
[86] 2000-07-13 (PCT/US2000/019255)
[87] 2001-07-05 (WO2001/048297)
[30] US (09/354,387) 1999-07-14

[21] **2,378,863**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **DELIVEREY NOTICE AND METHOD OF USING SAME**
[54] **AVIS DE LIVRAISON ET SON PROCEDE D'UTILISATION**
[72] BARTA, CRAIG, US
[72] MILLER, MATTHEW T., US
[72] GARCIA, DANIEL, US
[72] AUBUCHON, SCOTT, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2002-01-09
[86] 2001-03-28 (PCT/US2001/010111)
[87] 2001-11-15 (WO2001/086542)
[30] US (60/203,402) 2000-05-11
[30] US (09/815,745) 2001-03-23

[21] **2,378,865**
[13] A1

[51] **Int.Cl. 7B01L 7/00 7C12Q 1/68**
[25] EN
[54] **TEMPERATURE CONTROL FOR MULTI-VESSEL REACTION APPARATUS**
[54] **REGULATION DE LA TEMPERATURE POUR UN APPAREIL DE REACTION A CUVES MULTIPLES**
[72] BALDWIN, CLIFF, US
[72] CEREMONY, JEFF, US
[72] RISING, DONALD L., US
[72] CHU, DANIEL Y. M., US
[71] BIO-RAD LABORATORIES, INC., US
[85] 2002-01-10
[86] 2000-07-11 (PCT/US2000/018885)
[87] 2001-02-08 (WO2001/008800)
[30] US (60/146,712) 1999-07-30
[30] US (60/170,128) 1999-12-10

[21] **2,378,867**
[13] A1

[51] **Int.Cl. 7G01B 11/24**
[25] EN
[54] **METHOD AND SYSTEM FOR MEASURING THE RELIEF OF AN OBJECT**
[54] **PROCEDE ET SYSTEME DE MESURE DU RELIEF D'UN OBJET**
[72] CANTIN, MICHEL, CA
[72] NIKITINE, ALEXANDRE, CA
[72] COULOMBE, ALAIN, CA
[71] SOLVISION INC., CA
[85] 2002-01-09
[86] 2000-07-14 (PCT/CA2000/000834)
[87] 2001-01-25 (WO2001/006210)
[30] CA (2,277,855) 1999-07-14

[21] **2,378,869**
[13] A1

[51] **Int.Cl. 7C07D 475/04 7C07D 239/00 7C07D 241/00**
[25] EN
[54] **METHOD FOR MAKING PURE STEREOISOMERS OF TETRAHYDROFOLIC ACID ESTER SALTS AND TETRAHYDROFOLIC ACID BY FRACTIONATED CRYSTALLISATION OF TETRAHYDROFOLIC ACID SALTS**
[54] **PROCEDE DE FABRICATION DE STEREOISOMERES PURS DE SELS D'ESTERS D'ACIDE TETRAHYDROFOLIQUE ET D'ACIDE TETRAHYDROFOLIQUE PAR CRISTALLISATION FRACTIONNEE DE SELS D'ESTERS D'ACIDE TETRAHYDROFOLIQUE**
[72] GROEHN, VIOLA, CH
[72] MOSER, RUDOLF, CH
[72] MULLER, HANS RUDOLF, CH
[71] EPROVA AG, CH
[85] 2002-01-14
[86] 2000-07-12 (PCT/EP2000/006647)
[87] 2001-01-18 (WO2001/004121)
[30] CH (1300/99) 1999-07-14

[21] **2,378,878**
[13] A1

[51] **Int.Cl. 7C07D 307/79 7C07D 405/04 7A61P 3/04 7C07D 405/12 7A61K 31/496**
[25] EN
[54] **BENZOFURYLPIPERAZINES AND BENZOFURYLHOMOPIPERAZINES: SEROTONIN AGONISTS**
[54] **BENZOFURYLPIPERAZINES ET BENZOFURYLHOMOPIPERAZINES: ANTAGONISTES DE LA SEROTONINE**
[72] CUNNINGHAM, BRIAN EUGENE, US
[72] GRITTON, WILLIAM HARLAN, US
[72] MILLER, SHAWN CHRISTOPHER, US
[72] REINHARD, MATTHEW ROBERT, US
[72] MULLANEY, JEFFREY THOMAS, US
[72] XU, YANPING, US
[72] THOMPSON, DENNIS CHARLES, US
[72] WINNEROSKI, LEONARD LARRY JUNIOR, US
[72] FISHER, MATTHEW JOSEPH, US
[72] BRINER, KARIN, US
[72] BURKHART, JOSEPH PAUL, US
[72] BURKHOLDER, TIMOTHY PAUL, US
[71] ELI LILLY AND COMPANY, US
[85] 2002-01-10
[86] 2000-07-21 (PCT/US2000/019543)
[87] 2001-02-08 (WO2001/009111)
[30] US (60/146,270) 1999-07-29

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[13] A1

[51] **Int.Cl. 7C07D 409/04 7A61P 3/04 7A61P 25/24 7A61K 31/4535**
[25] EN
[54] **SEROTONERGIC BENZOTHIOPHENES**
[54] **BENZOTHIOPHENES SEROTONINERGIQUES**
[72] HEINZ, LAWRENCE JOSEPH, US
[72] JESUDASON, CYNTHIA DARSHINI, US
[72] BRINER, KARIN, US
[72] LIANG, SIDNEY XI, US
[72] XU, YAO-CHANG, US
[72] CUNNINGHAM, BRIAN EUGENE, US
[72] FINLEY, DON RICHARD, US
[72] BURKHOLDER, TIMOTHY PAUL, US
[72] CONWAY, RICHARD GERARD, US
[72] KOHLMAN, DANIEL TIMOTHY, US
[71] ELI LILLY AND COMPANY, US
[85] 2002-01-10
[86] 2000-07-21 (PCT/US2000/017864)
[87] 2001-02-08 (WO2001/009126)
[30] US (60/146,185) 1999-07-29
[30] US (60/172,784) 1999-12-20

[21] **2,378,886**
[13] A1

[51] **Int.Cl. 7C09D 9/00**
[25] EN
[54] **PAINT STRIPPER COMPOSITIONS**
[54] **COMPOSITIONS DE DECAPANT POUR PEINTURE**
[72] VITOMIR, SERGIO, CA
[71] NAPIER ENVIRONMENTAL TECHNOLOGIES INC., B1
[85] 2002-01-10
[86] 2000-07-12 (PCT/IB2000/000945)
[87] 2001-01-25 (WO2001/005898)
[30] US (09/356,437) 1999-07-19

[21] **2,378,897**
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C11D 3/00 7C11D 3/39**
[25] EN
[54] **LAUNDRY DETERGENT COMPOSITIONS COMPRISING ZWITTERIONIC POLYAMINES AND MID-CHAIN BRANCHED SURFACTANTS**
[54] **COMPOSITIONS DE DETERGENT A LESSIVE CONTENANT DES POLYAMINES ZWITTERIONIQUES ET DES TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE**
[72] PRICE, KENNETH NATHAN, US
[72] GOSSELINK, EUGENE PAUL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2002-01-10
[86] 2000-07-13 (PCT/US2000/019048)
[87] 2001-01-25 (WO2001/005923)
[30] US (60/144,321) 1999-07-16
[30] US (60/144,110) 1999-07-16
[30] US (60/144,113) 1999-07-16
[30] US (60/144,111) 1999-07-16
[30] US (60/160,272) 1999-10-19
[30] US (60/160,289) 1999-10-19
[30] US (60/160,324) 1999-10-19
[30] US (60/160,431) 1999-10-19

[21] **2,378,903**
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C11D 3/00 7C11D 3/39**
[25] EN
[54] **LAUNDRY DETERGENT COMPOSITIONS COMPRISING POLYAMINES AND MID-CHAIN BRANCHED SURFACTANTS**
[54] **COMPOSITION DE LESSIVES COMPORTANT DES POLYAMINES ET DES TENSIO-ACTIFS RAMIFIES EN MILIEU DE CHAINE**
[72] PRICE, KENNETH NATHAN, US
[72] DEINHAMMER, RANDALL SCOTT, US
[72] GOSSELINK, EUGENE PAUL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2002-01-10
[86] 2000-07-13 (PCT/US2000/019150)
[87] 2001-01-25 (WO2001/005924)
[30] US (60/144,170) 1999-07-16
[30] US (60/160,288) 1999-10-19

[21] **2,378,906**
[13] A1

[51] **Int.Cl. 7A61M 11/04 7A61M 15/00**
[25] EN
[54] **COLLAPSIBLE, DISPOSABLE MDI SPACER AND METHOD**
[54] **PIECE D'ESPACEMENT D'AEROSOL-DOSEUR JETABLE REPLIABLE ET PROCEDE**
[72] SLADEK, DAVID T., US
[71] THAYER MEDICAL CORPORATION, US
[85] 2002-01-10
[86] 2000-06-12 (PCT/US2000/016074)
[87] 2001-01-25 (WO2001/005458)
[30] US (09/357,625) 1999-07-20

[21] **2,378,909**
[13] A1

[51] **Int.Cl. 7E03C 1/122**
[25] EN
[54] **VENTILATING DEVICE**
[54] **DISPOSITIF DE VENTILATION**
[72] KOZONO, YOSHIYA, JP
[71] KOZONO, YOSHIYA, JP
[85] 2002-01-09
[86] 2000-07-13 (PCT/JP2000/004697)
[87] 2001-01-25 (WO2001/006065)
[30] JP (11/199735) 1999-07-14

[21] **2,378,913**
[13] A1

[51] **Int.Cl. 7A61M 15/00 7A24F 47/00 7A61M 11/00 7A61M 15/06 7A61M 15/08**
[25] EN
[54] **SYSTEM FOR EFFECTING SMOKE CESSATION**
[54] **SYSTEME PERMETTANT D'ARRETER DE FUMER**
[72] FARR, STEPHEN J., US
[71] ARADIGM CORPORATION, US
[85] 2002-01-10
[86] 2000-07-12 (PCT/US2000/019034)
[87] 2001-01-25 (WO2001/005459)
[30] US (60/144,140) 1999-07-16

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[21] **2,378,916**
[13] A1
[51] **Int.Cl. 7B63H 9/10 7B63B 15/00**
[25] EN
[54] **IMPROVEMENTS TO ROTARY GEAR FOR SAILING BOATS**
[54] **AMELIORATIONS APORTEES AU GREEMENT ROTATIF POUR VOILIERS**
[72] FERNANDEZ PUENTES, GONZALO, ES
[71] INVERSAIL, S.A., ES
[85] 2002-01-11
[86] 2000-07-04 (PCT/ES2000/000235)
[87] 2001-01-18 (WO2001/004000)
[30] ES (P 9901563) 1999-07-13

[21] **2,378,919**
[13] A1
[51] **Int.Cl. 7B01J 35/10 7B01J 37/02 7C01B 15/029 7B01J 23/10 7B01J 23/38**
[25] FR
[54] **CATALYSEUR METALLIQUE SUPPORTE, SA PREPARATION ET SES APPLICATIONS DANS LA FABRICATION DIRECTE DU PEROXYDE D'HYDROGENE**
[54] **SUPPORTED METAL CATALYST, PREPARATION AND APPLICATIONS FOR DIRECTLY MAKING HYDROGEN PEROXIDE**
[72] DEVIC, MICHEL, FR
[71] ATOFINA, FR
[85] 2002-01-10
[86] 2000-06-07 (PCT/FR2000/001552)
[87] 2001-01-25 (WO2001/005501)
[30] FR (99/09260) 1999-07-16
[30] FR (99/10310) 1999-08-09

[21] **2,378,926**
[13] A1
[51] **Int.Cl. 7B64C 25/42**
[25] EN
[54] **BRAKING SYSTEM WITH POWER CONNECTION, DISTRIBUTION AND REDUNDANCY**
[54] **SYSTEME DE FREINAGE AVEC CONNEXION, DISTRIBUTION ET REDONDANCE D'ALIMENTATION**
[72] LAUZIER, CEDRICK, FR
[72] GARCIA, JEAN PIERRE, FR
[72] RALEA, MIHAI, US
[72] BROWN, ROLLIN W., US
[72] BRUNDRETT, ROBERT L., US
[72] CORIO, LAWRENCE F., US
[71] THE B.F. GOODRICH COMPANY, US
[85] 2002-01-10
[86] 2000-07-14 (PCT/US2000/019213)
[87] 2001-01-25 (WO2001/005655)
[30] US (09/357,341) 1999-07-14
[30] US (09/354,456) 1999-07-15

[21] **2,378,927**
[13] A1
[51] **Int.Cl. 7C13K 13/00 7D21H 11/04**
[25] EN
[54] **PREPARATION OF CHEMICAL PULP AND XYLOSE, UTILIZING A DIRECT ACID HYDROLYSIS ON THE PULP**
[54] **PREPARATION DE PATE A PAPIER CHIMIQUE ET DE XYLOSE PAR HYDROLYSE ACIDE REALISEE DIRECTEMENT SUR LA PATE A PAPIER**
[72] SUNDQUIST, JORMA, FI
[72] KAULIOMAKI, SEPO, FI
[72] RASIMUS, RAIMO, FI
[72] LINDROOS, MIRJA, FI
[72] HEIKKILA, HEIKKI, FI
[71] DANISCO SWEETENERS OY, FI
[85] 2002-01-14
[86] 2000-07-13 (PCT/FI2000/000645)
[87] 2001-01-18 (WO2001/004362)
[30] FI (991606) 1999-07-14

[21] **2,378,928**
[13] A1
[51] **Int.Cl. 7G01N 33/543**
[25] EN
[54] **METHODS FOR ANALYZING PROTEIN BINDING EVENTS**
[54] **METHODES D'ANALYSE D'EVENEMENTS DE LIAISONS DE PROTEINES**
[72] HEFTI, JOHN, US
[71] SIGNATURE BIOSCIENCE, INC., US
[85] 2002-01-10
[86] 2000-07-27 (PCT/US2000/020420)
[87] 2001-02-08 (WO2001/009606)
[30] US (09/365,580) 1999-08-02

[21] **2,378,929**
[13] A1
[51] **Int.Cl. 7C12N 9/64 7A61K 38/48 7C12N 15/57 7C12N 15/70 7A61K 31/713 7C12N 15/79 7C12N 15/85**
[25] EN
[54] **POLYNUCLEOTIDE ENCODING A HUMAN SERINE PROTEASE**
[54] **SERINE PROTEASES**
[72] YOUNG, PAUL E., US
[72] RUBEN, STEVEN M., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2002-01-08
[86] 2000-06-20 (PCT/US2000/016847)
[87] 2001-02-08 (WO2001/008634)
[30] US (60/147,005) 1999-08-03
[30] US (60/152,935) 1999-09-09
[30] US (60/162,979) 1999-11-01
[30] US (60/189,025) 2000-03-14

[21] **2,378,932**
[13] A1
[51] **Int.Cl. 7F28G 7/00 7B08B 3/12**
[25] EN
[54] **AN ULTRASONIC CLEANING METHOD**
[54] **PROCEDE DE NETTOYAGE PAR ULTRASONS**
[72] VARRIN, ROBERT D., JR., US
[72] SASADA, NAONOBU, JP
[72] KANEDA, SOTARO, JP
[71] DOMINION ENGINEERING, INC., US
[85] 2002-01-09
[86] 2000-07-12 (PCT/US2000/018927)
[87] 2001-01-25 (WO2001/006196)
[30] US (60/143,727) 1999-07-14

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[21] **2,378,933**
[13] A1

[51] **Int.Cl. 7G01N 33/48**
[25] EN
[54] **ITERATIVE PROBE DESIGN AND DETAILED EXPRESSION PROFILING WITH FLEXIBLE IN-SITU SYNTHESIS ARRAYS**
[54] **CONCEPTION DE SONDE ITERATIVE ET ETABLISSEMENT DE PROFILS D'EXPRESSION DETAILLES AVEC JEUX ORDONNES D'ECHANTILLONS ADAPTABLES DE SYNTHESE IN-SITU**
[72] LINSLEY, PETER S., US
[72] BURCHARD, JULJA, US
[72] FRIEND, STEPHEN H., US
[72] STOUGHTON, ROLAND, US
[71] ROSETTA INPHARMATICS, INC., US
[85] 2002-01-09
[86] 2000-07-14 (PCT/US2000/019202)
[87] 2001-01-25 (WO2001/005935)
[30] US (60/144,382) 1999-07-16
[30] US (09/364,751) 1999-07-30
[30] US (09/561,487) 2000-04-28

[21] **2,378,935**
[13] A1

[51] **Int.Cl. 7C23C 22/73**
[25] EN
[54] **METHOD FOR APPLYING PRODUCTS WITHOUT RINSING ON MOVING METAL STRIPS**
[54] **PROCEDE D'APPLICATION DE PRODUITS SANS RINCAGE SUR DES BANDES METALLIQUES COURANTES**
[72] RIESOP, JORG, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2002-01-10
[86] 2000-07-06 (PCT/EP2000/006398)
[87] 2001-01-25 (WO2001/006037)
[30] DE (19933186.3) 1999-07-15

[21] **2,378,939**
[13] A1

[51] **Int.Cl. 7G07F 7/10 7G06F 17/60**
[25] EN
[54] **NETWORK BASED FINANCIAL TRANSACTION PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'OPERATIONS FINANCIERES EN RESEAU**
[72] YAKAN, HANI, US
[72] ADAMS, LLOYD A., US
[71] JPMORGAN CHASE BANK (formerly known as THE CHASE MANHATTAN BANK), US
[85] 2002-01-10
[86] 2000-07-21 (PCT/US2000/020026)
[87] 2001-02-08 (WO2001/009850)
[30] US (09/366,135) 1999-08-02

[21] **2,378,940**
[13] A1

[51] **Int.Cl. 7D06F 43/08 7D06F 43/00**
[25] EN
[54] **SYSTEM AND METHOD FOR EXTRACTING WATER IN A DRY CLEANING PROCESS INVOLVING A SILICONE-BASED SOLVENT AND METHODS ENHANCING THE PROCESS OF CLEANING**
[54] **SYSTEME ET PROCEDE D'EXTRACTION D'EAU DANS UN PROCEDE DE NETTOYAGE A SEC DANS LEQUEL UN SOLVANT A BASE DE SILICONE EST UTILISE, ET PROCEDES AMELIORANT LE PROCEDE DE NETTOYAGE**
[72] DOUGLAS, JAMES E., US
[72] BERNDT, WOLF-DIETER R., US
[71] GREENEARTH CLEANING, LLC, US
[85] 2002-01-09
[86] 2000-07-14 (PCT/US2000/019206)
[87] 2001-01-25 (WO2001/006051)
[30] US (09/353,212) 1999-07-14
[30] US (09/354,387) 1999-07-14
[30] US (09/616,604) 2000-07-13

[21] **2,378,948**
[13] A1

[51] **Int.Cl. 7B41J 2/135 7B41J 2/025 7B41J 2/16**
[25] EN
[54] **A DROPLET GENERATOR FOR A CONTINUOUS STREAM INK JET PRINT HEAD**
[54] **GENERATEUR DE GOUTTELETTES POUR TETE D'IMPRESSION A JET D'ENCRE A FLUX CONTINU**
[72] SHERMAN, NIGEL EDWARD, GB
[72] PANNU, SUKBIR SINGH, GB
[72] KING, ANDREW DAVID, GB
[72] MARTIN, GRAHAM DAGNALL, GB
[71] MARCONI DATA SYSTEMS INC., US
[85] 2002-01-11
[86] 2000-07-07 (PCT/GB2000/002619)
[87] 2001-01-18 (WO2001/003933)
[30] GB (9916532.6) 1999-07-14

[21] **2,378,950**
[13] A1

[51] **Int.Cl. 7F16B 7/00 7G09F 1/12**
[25] EN
[54] **PICTURE FRAME CORNER CLAMP**
[54] **CADRE AVEC BRIDE DE FIXATION D'ANGLE**
[72] POINTON, DAVID WELLINGS, US
[72] DOWZALL, MARTIN, US
[71] NIELSEN & BAINBRIDGE LLC, US
[85] 2002-01-10
[86] 2000-07-11 (PCT/US2000/019100)
[87] 2001-01-25 (WO2001/006136)
[30] US (60/143,885) 1999-07-15

[21] **2,378,952**
[13] A1

[51] **Int.Cl. 7C09K 7/02 7E21B 21/00 7E21B 37/06 7E21B 33/138**
[25] EN
[54] **LATEX ADDITIVE FOR WATER-BASED DRILLING FLUIDS**
[54] **ADDITIF DE LATEX POUR LIQUIDES DE FORAGE AQUEUX**
[72] BAILEY, LOUISE, GB
[71] M-I L.L.C., US
[85] 2002-01-14
[86] 2000-07-11 (PCT/GB2000/002684)
[87] 2001-01-18 (WO2001/004232)
[30] GB (9916264.6) 1999-07-13

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[21] **2,378,956**
[13] A1

[51] **Int.Cl. 7C22B 1/00 7C21B 13/00 7C22B 1/10 7C22B 1/24**
[25] EN
[54] **METHOD FOR THE PREPARATION OF FINE GRAIN ORES**
[54] **PROCEDE DE TRAITEMENT DE MINERAI A GRAINS FINS**
[72] ZIRNGAST, JOHANN, AT
[72] SCHENK, JOHANNES, AT
[72] MILIONIS, KONSTANTIN, AT
[72] TESSMER, GERO, AT
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT
[85] 2002-01-10
[86] 2000-06-16 (PCT/EP2000/005565)
[87] 2001-02-01 (WO2001/007670)
[30] AT (A 1300/99) 1999-07-27

[21] **2,378,957**
[13] A1

[51] **Int.Cl. 7C08F 2/34 7C08F 10/02**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF POLYETHYLENE**
[54] **PROCEDE DE PREPARATION DE POLYETHYLENE**
[72] JORGENSEN, ROBERT JAMES, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[85] 2002-01-10
[86] 2000-07-13 (PCT/US2000/019138)
[87] 2001-01-25 (WO2001/005845)
[30] US (09/353,207) 1999-07-14

[21] **2,378,958**
[13] A1

[51] **Int.Cl. 7D06F 39/02 7A47L 25/08**
[25] EN
[54] **HAND-HELD CONTAINER**
[54] **RECIPIENT A USAGE MANUEL**
[72] LAKE, KIRK WALLACE, US
[72] NOTELE, GREET RENEE ELS FRANCINE, BE
[72] DEFLANDER, JOSEPH FERNAND, BE
[72] DUQUET, JACKY PIERRE, FR
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2002-01-10
[86] 2000-07-26 (PCT/US2000/020344)
[87] 2001-02-01 (WO2001/007705)
[30] EP (99870166.8) 1999-07-27

[21] **2,378,959**
[13] A1

[51] **Int.Cl. 7C08G 18/22 7C08G 18/76**
[25] EN
[54] **POLYISOCYANATE COMPOSITIONS FOR FAST CURE**
[54] **COMPOSITIONS DE POLYISOCANATE PERMETTANT UN DURCISSEMENT RAPIDE**
[72] SKINNER, CHRISTOPHER JOHN, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2002-01-08
[86] 2000-06-29 (PCT/EP2000/006057)
[87] 2001-02-01 (WO2001/007498)
[30] EP (99114601.0) 1999-07-26

[21] **2,378,960**
[13] A1

[51] **Int.Cl. 7F01C 1/04 7F01C 1/22**
[25] EN
[54] **ROTARY PISTON ENGINE**
[54] **MOTEUR A PISTON ROTATIF**
[72] DI PIETRO, ANGELO, AU
[71] ENGINEAIR PTY LTD., AU
[85] 2002-01-11
[86] 2000-07-14 (PCT/AU2000/000849)
[87] 2001-01-25 (WO2001/006093)
[30] AU (PQ 1647) 1999-07-15

[21] **2,378,962**
[13] A1

[51] **Int.Cl. 7C07D 405/10 7C07D 409/10 7C07D 411/10 7A01N 43/54**
[25] EN
[54] **SUBSTITUTED PHENYL URACILS**
[54] **PHENYLURACILES SUBSTITUES**
[72] DREWES, MARK-WILHELM, DE
[72] DAHMEN, PETER, DE
[72] PONTZEN, ROLF, DE
[72] FEUCHT, DIETER, DE
[72] ANDREE, ROLAND, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2002-01-11
[86] 2000-07-03 (PCT/EP2000/006179)
[87] 2001-01-25 (WO2001/005785)
[30] DE (199 32 813.7) 1999-07-14

[21] **2,378,966**
[13] A1

[51] **Int.Cl. 7F16J 15/447**
[25] EN
[54] **SHAFT SEALS FOR SEALING PULVERULENT SOLIDS**
[54] **JOINT D'ARBRE DESTINES A FERMER HERMETIQUEMENT DES SOLIDES PULVERULENTS**
[72] BAYNE, CHRISTOPHER FREDERICK, NZ
[71] BAYNE, CHRISTOPHER FREDERICK, NZ
[85] 2002-01-10
[86] 2000-07-12 (PCT/NZ2000/000123)
[87] 2001-01-25 (WO2001/006154)
[30] NZ (336765) 1999-07-15

[21] **2,378,969**
[13] A1

[51] **Int.Cl. 7A43B 7/12 7A43B 7/06**
[25] EN
[54] **VENTILATED FOOTWEAR**
[54] **ARTICLES CHAUSSANTS AERES**
[72] DI GIROLAMO, MARIO, CA
[71] OPAL LIMITED, BS
[85] 2002-01-14
[86] 2000-08-03 (PCT/CA2000/000899)
[87] 2001-02-15 (WO2001/010257)
[30] CA (2,279,738) 1999-08-04

[21] **2,378,972**
[13] A1

[51] **Int.Cl. 7G02B 6/42**
[25] EN
[54] **HYBRID INTEGRATION OF ACTIVE AND PASSIVE OPTICAL COMPONENTS ON AN SI-BOARD**
[54] **INTEGRATION HYBRIDE DE COMPOSANTS OPTIQUES ACTIFS ET PASSIFS SUR UNE CARTE AU SILICIUM**
[72] KUHMANN, JOCHEN F., DK
[72] POULSEN, MOGENS RYSHOLT, DK
[71] HYBRID MICRO TECHNOLOGIES APS, DK
[85] 2002-01-10
[86] 2000-07-17 (PCT/DK2000/000407)
[87] 2001-01-25 (WO2001/006285)
[30] DK (PA 1999 01040) 1999-07-16

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<p style="text-align: right;">[21] 2,378,983 [13] A1</p> <p>[51] Int.Cl. 7G03G 15/10 7G03G 15/01 [25] EN [54] CENTRAL-INK SUPPLY SYSTEM FOR MULTI-PRINTER SYSTEMS [54] SYSTEME CENTRAL D'ALIMENTATION EN ENCRE POUR SYSTEMES COMPORTANT DES IMPRIMANTES MULTIPLES [72] TZORI, GILAD, IL [72] HENIG, AMIT, IL [72] LANDA, BENZION, IL [72] ROSEN, YOSEF, IL [71] INDIGO N.V., NL [85] 2002-01-10 [86] 1999-07-18 (PCT/IL1999/000394) [87] 2001-01-25 (WO2001/006325)</p>	<p style="text-align: right;">[21] 2,379,017 [13] A1</p> <p>[51] Int.Cl. 7H04H 1/00 7H04H 5/00 [25] EN [54] METHOD FOR PREPARATION OF SOURCE-CODED DATA, AND TRANSMITTER AND RECEIVER THEREFOR [54] PROCEDE POUR LA PREPARATION DE DONNEES EN CODE SOURCE, AINSI QUE L'EMETTEUR ET LE RECEPTEUR [72] HOFMANN, FRANK, DE [72] MLASKO, TORSTEN, DE [71] ROBERT BOSCH GMBH, DE [85] 2002-01-10 [86] 2000-06-24 (PCT/DE2000/002059) [87] 2001-01-18 (WO2001/005074) [30] DE (199 32 062.4) 1999-07-12</p>	<p style="text-align: right;">[21] 2,379,026 [13] A1</p> <p>[51] Int.Cl. 7C07D 409/12 7C07D 249/00 7C07D 333/00 7A01N 43/653 [25] EN [54] SUBSTITUTED THIENE-3-YL-SULFONYL AMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES [54] THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES SUBSTITUEES [72] FEUCHT, DIETER, DE [72] DAHMEN, PETER, DE [72] PONTZEN, ROLF, DE [72] DREWES, MARK WILHELM, DE [72] GESING, ERNST RUDOLF F., DE [72] KLUTH, JOACHIM, DE [72] MULLER, KLAUS-HELMUT, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2002-01-11 [86] 2000-07-04 (PCT/EP2000/006276) [87] 2001-01-25 (WO2001/005788) [30] DE (199 33 260.6) 1999-07-15</p>
<p style="text-align: right;">[21] 2,378,992 [13] A1</p> <p>[51] Int.Cl. 7G06F 1/00 [25] EN [54] IDENTIFICATION OF COMPUTERS [54] IDENTIFICATION D'ORDINATEURS [72] WYNNE, ADAM JOSHUA, ZA [71] INFANIA IP LTD, GB [85] 2002-01-11 [86] 2000-07-13 (PCT/GB2000/002692) [87] 2001-01-18 (WO2001/004730) [30] GB (9916432.9) 1999-07-13</p>	<p style="text-align: right;">[21] 2,379,019 [13] A1</p> <p>[51] Int.Cl. 7C08F 10/00 7C08F 210/18 7C08F 4/64 7C08F 4/68 [25] EN [54] CATALYST SYSTEM THAT IS BASED ON FLUORINE-CONTAINING METAL COMPLEXES [54] SYSTEME CATALYTIQUE A BASE DE COMPLEXES METALLIQUES CONTENANT DU FLUOR [72] BECKE, SIGURD, DE [72] ROSENTHAL, UWE, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2002-01-11 [86] 2000-07-03 (PCT/EP2000/006180) [87] 2001-01-25 (WO2001/005850) [30] DE (199 32 409.3) 1999-07-14 [30] US (09/397,936) 1999-09-17</p>	<p style="text-align: right;">[21] 2,379,027 [13] A1</p> <p>[51] Int.Cl. 7B64C 25/56 [25] EN [54] A PNEUMATIC FLOAT FOR LIGHT AND ULTRA-LIGHT AIRCRAFT [54] FLOTTEUR PNEUMATIQUE DESTINE A DES AVIONS LEGERS ET ULTRALEGERS [72] TO, FREDERICK E., CH [72] KAMMER, RES, CH [71] PROSPECTIVE CONCEPTS AG, CH [85] 2002-01-09 [86] 2000-07-13 (PCT/CH2000/000383) [87] 2001-05-25 (WO2001/036268) [30] CH (911/00) 2000-05-10</p>
<p style="text-align: right;">[21] 2,379,011 [13] A1</p> <p>[51] Int.Cl. 7H01G 17/00 [25] EN [54] AN ENERGY STORAGE DEVICE [54] DISPOSITIF DE STOCKAGE D'ENERGIE [72] MAHON, PETER JOHN, AU [71] ENERGY STORAGE SYSTEMS PTY. LTD., AU [85] 2002-01-10 [86] 2000-07-12 (PCT/AU2000/000836) [87] 2001-01-18 (WO2001/004920) [30] AU (PQ 1578) 1999-07-12 [30] AU (PQ 1602) 1999-07-13</p>	<p style="text-align: right;">[21] 2,379,032 [13] A1</p> <p>[51] Int.Cl. 7B32B 5/24 7A41D 31/00 7A41D 13/12 [25] EN [54] BREATHABLE, NON-LIQUID-PERMEABLE COMPOSITE SHEET [54] FEUILLE COMPOSITE IMPERMEABLE AUX LIQUIDES RESPIRANTE [72] MATSUSHITA, MICHIO, JP [72] HANAJIRI, TAKESHI, JP [71] UNI-CHARM CO., LTD., JP [85] 2002-01-10 [86] 2000-07-12 (PCT/JP2000/004664) [87] 2001-01-18 (WO2001/003915) [30] JP (11/198218) 1999-07-12</p>	

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[21] **2,379,036**
[13] A1

[51] **Int.Cl. 7C08G 73/02 7C11D 3/37**
[25] EN
[54] **ZWITTERIONIC POLYAMINES AND A PROCESS FOR THEIR PRODUCTION**
[54] **POLYETHERPOLYAMINES ZWITTERIONIQUES ET LEUR PROCEDE DE PRODUCTION**
[72] BOECKH, DIETER, DE
[72] BORZYK, OLIVER, DE
[72] EHLE, MICHAEL, DE
[72] DUPONT, JEFFREY S., US
[72] ROHRBAUGH, ROBERT H., US
[72] PRICE, KENNETH N., US
[72] DEINHAMMER, RANDALL S., US
[72] NORENBERG, RALF, DE
[72] GOSSELINK, EUGENE P., US
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2002-01-11
[86] 2000-07-05 (PCT/EP2000/006296)
[87] 2001-01-25 (WO2001/005874)
[30] US (60/144,165) 1999-07-16

[21] **2,379,038**
[13] A1

[51] **Int.Cl. 7H04L 12/28**
[25] EN
[54] **METHOD AND SYSTEM FOR OPERATING VIRTUAL DEVICES BY MASTER CONTROLLERS IN A CONTROL SYSTEM**
[54] **PROCEDE ET SYSTEME SERVANT A ACTIONNER DES DISPOSITIFS VIRTUELS A L'AIDE DE CONTROLEURS MAITRES DANS UN SYSTEME DE COMMANDE**
[72] MCGRANE, WILLIAM B., US
[72] BARBER, RONALD W., US
[71] AMX CORPORATION, US
[85] 2002-01-10
[86] 2000-06-08 (PCT/US2000/015762)
[87] 2000-12-14 (WO2000/075903)
[30] US (09/328,921) 1999-06-09

[21] **2,379,042**
[13] A1

[51] **Int.Cl. 7C07D 263/10 7C09D 5/03 7C07D 263/14 7C08K 5/353 7C07C 233/69**
[25] EN
[54] **PREPARATION OF AN AROMATIC BISOXAZOLINE**
[54] **PREPARATION D'UN BISOXAZOLINE AROMATIQUE**
[72] HENDRIKS, PATRICK HERMAN MARIE, NL
[72] PLUM, BARTHOLOMEUS JOHANNES MAGRETHA, NL
[72] VAN BENTHEM, RUDOLFUS ANTONIUS THEODORUS MARIA, NL
[72] LOONTJENS, JACOBUS ANTONIUS, NL
[71] DSM N.V., NL
[85] 2002-01-10
[86] 2000-06-27 (PCT/NL2000/000446)
[87] 2001-01-18 (WO2001/004104)
[30] NL (1012572) 1999-07-12

[21] **2,379,044**
[13] A1

[51] **Int.Cl. 7H02J 1/10 7H02J 9/06**
[25] EN
[54] **UNINTERRUPTED POWER CONVERSION SYSTEM**
[54] **SYSTEME DE CONVERSION DE PUISSANCE ININTERROMPUE**
[72] HUERTAS BLAZQUEZ, ANTONIO J., ES
[72] FONTAN TARODO, ANTONIO, ES
[72] GONZALEZ GONZALEZ, JORGE, ES
[71] ALCATEL, FR
[85] 2002-01-10
[86] 2000-06-22 (PCT/EP2000/006258)
[87] 2001-01-18 (WO2001/005012)
[30] ES (P 9901556) 1999-07-12

[21] **2,379,045**
[13] A1

[51] **Int.Cl. 7C07C 273/04**
[25] EN
[54] **METHOD FOR THE PREPARATION OF UREA**
[54] **PROCEDE DE PREPARATION D'UREE**
[72] DE WIT, JACOBUS JOHANNES, NL
[72] GOORDEN, JOSEPHUS JOHANNES PETRUS MARIA, NL
[71] CONTINENTAL ENGINEERING B.V., NL
[85] 2002-01-11
[86] 2000-07-12 (PCT/NL2000/000492)
[87] 2001-01-18 (WO2001/004085)
[30] NL (1012575) 1999-07-12

[21] **2,379,046**
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/213**
[25] EN
[54] **OPTICAL TRANSMISSION NETWORK HAVING A PROTECTION CONFIGURATION**
[54] **RESEAU DE TRANSMISSION OPTIQUE DOTE D'UNE CONFIGURATION DE PROTECTION**
[72] VAN DER TOL, JOHANNES JACOBUS GERARDUS MARIA, NL
[72] PETERS, MICHIEL GERARD, NL
[71] KONINKLIJKE KPN N.V., NL
[85] 2002-01-10
[86] 2000-07-05 (PCT/EP2000/006403)
[87] 2001-01-18 (WO2001/005083)
[30] NL (1012568) 1999-07-12

[21] **2,379,047**
[13] A1

[51] **Int.Cl. 7C07C 229/22 7C07B 55/00 7A61P 9/10 7C07C 227/16 7C07C 227/18 7A61K 31/22**
[25] EN
[54] **NITROXY DERIVATIVES OF (R) AND (S)-CARNITINE**
[54] **DERIVES NITROXY DE (R) ET (S)-CARNITINE**
[72] PICCOLO, ORESTE, IT
[72] CASTAGNANI, ROBERTO, IT
[72] DE WITT, PAOLO, IT
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT
[85] 2002-01-10
[86] 2000-07-31 (PCT/IT2000/000325)
[87] 2001-02-15 (WO2001/010819)
[30] IT (RM99A000508) 1999-08-05

[21] **2,379,049**
[13] A1

[51] **Int.Cl. 7G06T 11/00**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTIMEDIA DISPLAY**
[54] **SYSTEME ET PROCEDE D'AFFICHAGE MULTIMEDIA**
[72] BARBER, RONALD W., US
[72] PARTRIDGE, CHARLES W., US
[72] HOLUB, DOUGLAS R., US
[72] LEE, MARK R., US
[71] AMX CORPORATION, US
[85] 2002-01-10
[86] 2000-05-31 (PCT/US2000/015045)
[87] 2000-12-14 (WO2000/075870)
[30] US (09/328,039) 1999-06-08

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[21] **2,379,050**
[13] A1
[51] **Int.Cl. 7C08G 18/08 7B01F 5/06 7B01J 19/26**
[25] EN
[54] **ADJUSTABLE JET DISPENSER FOR PRODUCING AQUEOUS TWO-COMPONENT POLYURETHANE PAINT EMULSIONS**
[54] **DISPERSEUR A JET REGLABLE POUR LA PRODUCTION D'EMULSIONS AQUEUSES DE PEINTURES DE POLYURETHANE A DEUX COMPOSANTS**
[72] KLINKSIEK, BERND, DE
[72] SCHLEENSTEIN, DIETER, DE
[72] HOVESTADT, WIELAND, DE
[72] VOM FELDE, MICHAEL, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2002-01-11
[86] 2000-07-12 (PCT/EP2000/006599)
[87] 2001-01-25 (WO2001/005860)
[30] DE (199 33 441.2) 1999-07-16

[21] **2,379,051**
[13] A1
[51] **Int.Cl. 7G11B 7/125**
[25] EN
[54] **METHODS AND DEVICES FOR RECORDING MARKS ON A RECORDING SURFACE OF AN OPTICAL RECORD CARRIER**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT D'ENREGISTRER DES MARQUES SUR LA SURFACE D'ENREGISTREMENT D'UN SUPPORT D'ENREGISTREMENT OPTIQUE**
[72] WOUTENBERG, ROBERT, NL
[72] TIEKE, BENNO, NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2002-01-10
[86] 2001-04-23 (PCT/EP2001/004566)
[87] 2001-11-15 (WO2001/086643)
[30] EP (00201680.6) 2000-05-11

[21] **2,379,053**
[13] A1
[51] **Int.Cl. 7C08F 4/00**
[25] EN
[54] **PRE-POLYMERIZED CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS**
[54] **CONSTITUANTS CATALYTIQUES PRE-POLYMERISES SERVANT A LA POLYMERISATION D'OLEFINES**
[72] SACCHETTI, MARIO, IT
[72] BRITA, DIEGO, IT
[72] COLLINA, GIANNI, IT
[71] BASSELL TECHNOLOGY COMPANY B.V., NL
[85] 2002-01-10
[86] 2001-05-07 (PCT/EP2001/005254)
[87] 2001-11-15 (WO2001/085803)
[30] EP (00201702.8) 2000-05-12

[21] **2,379,056**
[13] A1
[51] **Int.Cl. 7H04L 12/28 7H04L 29/06 7H04L 12/46**
[25] EN
[54] **METHOD AND SYSTEM FOR MASTER TO MASTER COMMUNICATION IN CONTROL SYSTEMS**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION ENTRE POSTES DE COMMANDE DANS DES SYSTEMES DE COMMANDE**
[72] LEE, MARK R., US
[72] BARBER, RONALD W., US
[72] MYER, AARON L., US
[72] PARTRIDGE, CHARLES W., US
[72] MCGRANE, WILLIAM B., US
[71] AMX CORPORATION, US
[85] 2002-01-10
[86] 2000-06-07 (PCT/US2000/015631)
[87] 2000-12-14 (WO2000/076123)
[30] US (09/328,926) 1999-06-09

[21] **2,379,057**
[13] A1
[51] **Int.Cl. 7C08L 23/10 7B65D 1/00 7C08F 297/08**
[25] EN
[54] **PROPYLENE POLYMER COMPOSITIONS HAVING IMPROVED IMPACT STRENGTH AND EXCELLENT OPTICAL PROPERTIES**
[54] **COMPOSITIONS POLYMERES DE PROPYLENE AYANT UNE RESISTANCE AMELIOREE AUX CHOCS ET D'EXCELLENTE PROPRIETES OPTIQUES**
[72] HUOVINEN, PAIVI HELENA, IT
[72] DI DIEGO, MARIA, IT
[72] PELLICONI, ANTEO, IT
[71] BASSELL TECHNOLOGY COMPANY B.V., NL
[85] 2002-01-10
[86] 2001-05-18 (PCT/EP2001/005707)
[87] 2001-12-06 (WO2001/092406)
[30] EP (00201931.3) 2000-05-31

[21] **2,379,060**
[13] A1
[51] **Int.Cl. 7C08G 65/329 7A61K 9/127**
[25] EN
[54] **NEUTRAL LIPOPOLYMER AND LIPOSOMAL COMPOSITIONS CONTAINING SAME**
[54] **LIPOPOLYMER NEUTRE ET COMPOSITIONS LIPOSOMALES LE CONTENANT**
[72] ZALIPSKY, SAMUEL, US
[71] ALZA CORPORATION, US
[85] 2002-01-11
[86] 2000-07-12 (PCT/US2000/018949)
[87] 2001-01-25 (WO2001/005873)
[30] US (60/143,810) 1999-07-14

[21] **2,379,063**
[13] A1
[51] **Int.Cl. 7F16B 13/04 7F16B 13/06**
[25] EN
[54] **HIGH STRENGTH BLIND BOLT**
[54] **BOULON AVEUGLE HAUTE RESISTANCE A FORT SERRAGE UNIFORME SUR UNE GAMME ETENDUE DES LONGUEURS A SERRER**
[72] MONTERRATT, ERNEST, US
[71] HUCK INTERNATIONAL, INC., US
[85] 2002-01-10
[86] 2000-06-14 (PCT/US2000/016472)
[87] 2001-01-18 (WO2001/004499)
[30] US (09/352,128) 1999-07-13

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[21] **2,379,066**
[13] A1

[51] **Int.Cl. 7C25D 11/22**
[25] EN
[54] **PROCESS FOR ELECTROCHEMICALLY DEPOSITING MULTI-COLORED LAYERS ON ALUMINUM PICTURE FRAMES USING AN ANODIZING TECHNIQUE**
[54] **PROCEDE PERMETTANT DE DEPOSER ELECTROCHIMIQUEMENT DES COUCHES MULTICOLORES SUR DES CADRES D'IMAGE EN ALUMINIUM AU MOYEN D'UNE TECHNIQUE D'ANODISATION**
[72] POINTON, DAVID WELLINGS, US
[72] HOUSSIAN, VAZGEN, US
[72] JONES, RALPH, US
[72] BERHARDT, RON, US
[71] NIELSEN & BAINBRIDGE LLC, US
[85] 2002-01-11
[86] 2000-07-11 (PCT/US2000/019226)
[87] 2001-01-25 (WO2001/006040)
[30] US (60/143,700) 1999-07-14

[21] **2,379,067**
[13] A1

[51] **Int.Cl. 7E04B 1/343**
[25] EN
[54] **SHELTER WITH TENSIONED SIDEWALL ASSEMBLY**
[54] **ABRI A ENSEMBLE PAROIS LATERALES TENDUES**
[72] GOLDWITZ, BRIAN L., US
[71] GOLDWITZ, TRACY, US
[85] 2002-01-11
[86] 2000-07-17 (PCT/US2000/019313)
[87] 2001-01-25 (WO2001/006069)
[30] US (60/144,341) 1999-07-16

[21] **2,379,070**
[13] A1

[51] **Int.Cl. 7B05B 11/00**
[25] FR
[54] **DISTRIBUTEUR DE PRODUITS LIQUIDES A CORPS EN DEUX PARTIES**
[54] **LIQUID PRODUCT DISPENSER WITH TWO-PART BODY**
[72] PETITJEAN, MAURICE, BE
[72] HENNEMANN, PASCAL, FR
[72] LEULIET, DAVID, FR
[71] REXAM SOFAB, FR
[85] 2002-01-08
[86] 2000-07-07 (PCT/FR2000/001968)
[87] 2001-01-18 (WO2001/003850)
[30] FR (99/08917) 1999-07-09

[21] **2,379,072**
[13] A1

[51] **Int.Cl. 7C02F 9/00**
[25] EN
[54] **COMBINED OXIDATION AND CHELATING ADSORPTION SYSTEM FOR REMOVAL OF MERCURY FROM WATER**
[54] **SYSTEME PERMETTANT D'ELIMINER LE MERCURE PRESENT DANS L'EAU AU MOYEN D'UNE COMBINAISON D'ADSORPTION PAR CHELATION ET D'OXYDATION**
[72] FULTON, SCOTT P., US
[72] HAMILTON, RICHARD A., US
[72] SHIELDS, TED M., US
[71] SOLMETEX, INC., US
[85] 2002-01-11
[86] 2000-07-14 (PCT/US2000/019494)
[87] 2001-01-25 (WO2001/005717)
[30] US (09/353,775) 1999-07-15

[21] **2,379,073**
[13] A1

[51] **Int.Cl. 7A61C 3/02**
[25] FR
[54] **ENSEMBLE DE FRAISES DESTINE A LA PREPARATION D'UNE DENT EN VUE DE LA POSE D'UNE COURONNE PROTHETIQUE**
[54] **DRILL ASSEMBLY FOR PREPARING A PROSTHETIC CROWN-RECEIVING TOOTH**
[72] LOGEART, DOMINIQUE, FR
[71] LOGEART, DOMINIQUE, FR
[85] 2002-01-09
[86] 2000-07-13 (PCT/FR2000/002031)
[87] 2001-01-18 (WO2001/003603)
[30] FR (99/09207) 1999-07-13
[30] FR (99/13111) 1999-10-18

[21] **2,379,074**
[13] A1

[51] **Int.Cl. 7G07C 9/00 7G08B 13/24**
[25] EN
[54] **DETECTION SYSTEM WITH VIDEO CAMERA**
[54] **SYSTEME DE DETECTION AVEC CAMERA VIDEO**
[72] DE NOOD, CORNELIS SIMON ADRIAAN, NL
[72] ANGEL, WILLEM, NL
[71] DUTCH A & A TRADING B.V., NL
[85] 2002-01-11
[86] 2000-07-13 (PCT/NL2000/000495)
[87] 2001-01-18 (WO2001/004844)
[30] NL (1012592) 1999-07-13

[21] **2,379,077**
[13] A1

[51] **Int.Cl. 7G02B 5/28 7G02B 1/11**
[25] EN
[54] **NARROW-BAND OPTICAL INTERFERENCE FILTER**
[54] **FILTRE OPTIQUE INTERFERENTIEL A BANDE ETROITE**
[72] DANIELZIK, BURKHARD, DE
[72] KUHR, MARKUS, DE
[72] METZ, BERND, DE
[72] BAUER, STEFAN, DE
[72] HENTSCHEL, RUDIGER, DE
[72] BRAUNECK, ULF, DE
[71] SCHOTT GLAS, DE
[71] CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS, DE
[85] 2002-01-14
[86] 2000-07-10 (PCT/EP2000/006518)
[87] 2001-01-18 (WO2001/004668)
[30] DE (199 32 082.9) 1999-07-12

[21] **2,379,080**
[13] A1

[51] **Int.Cl. 7H01S 5/10 7H01S 3/083 7G02B 6/34**
[25] FR
[54] **FILTRE OPTIQUE A REPONSE RECTANGULAIRE PERMETTANT LE DECOUPAGE D'UN INTERVALLE SPECTRAL LIMITE**
[54] **RECTANGULAR RESPONSE OPTICAL FILTER FOR PARTITIONING A LIMITED SPECTRAL INTERVAL**
[72] LEFEVRE, HERVE, FR
[71] PHOTONETICS, FR
[85] 2002-01-11
[86] 2000-07-12 (PCT/FR2000/002018)
[87] 2001-01-18 (WO2001/005006)
[30] FR (99/09024) 1999-07-12

[21] **2,379,081**
[13] A1

[51] **Int.Cl. 7D21H 27/40 7D21H 27/38**
[25] FR
[54] **PRODUIT EN PAPIER ABSORBANT A STRUCTURE DISSYMETRIQUE**
[54] **ABSORBENT PAPER PRODUCT WITH ASYMMETRIC STRUCTURE**
[72] BASLER, MICHEL, FR
[72] ROUSSEL, GILLES, FR
[71] GEORGIA-PACIFIC FRANCE, FR
[85] 2002-01-10
[86] 2001-05-11 (PCT/FR2001/001433)
[87] 2001-11-15 (WO2001/086066)
[30] FR (00/06108) 2000-05-12

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[21] **2,379,083**
[13] A1

[51] **Int.Cl. 7C03B 37/14 7C03B 37/15**
[25] EN
[54] **SYSTEM FOR PREPARING POLYMER ENCAPSULATED GLASS FIBER PELLETS**
[54] **SYSTEME DE PREPARATION DE GRANULES DE FIBRES DE VERRE ENCAPSULES PAR POLYMERE**
[72] ADZIMA, LEONARD J., US
[72] SCHWEIZER, ROBERT A., US
[72] HILL, HOMER G., US
[72] SENG, STEPHEN, US
[72] STRAIT, MICHAEL A., US
[71] OWENS CORNING, US
[85] 2002-01-10
[86] 2000-07-10 (PCT/US2000/018740)
[87] 2001-01-25 (WO2001/005722)
[30] US (09/356,354) 1999-07-16

[21] **2,379,084**
[13] A1

[51] **Int.Cl. 7H02M 3/338**
[25] EN
[54] **RESONANT SWITCHING POWER SUPPLY CIRCUIT WITH VOLTAGE DOUBLER OUTPUT**
[54] **CIRCUIT D'ALIMENTATION A DECOUPAGE RESONANT DOTE D'UNE SORTIE A DOUBLEUR DE TENSION**
[72] YASUMURA, MASAYUKI, JP
[71] SONY CORPORATION, JP
[85] 2002-01-10
[86] 2000-05-10 (PCT/JP2000/002995)
[87] 2001-11-15 (WO2001/086794)

[21] **2,379,085**
[13] A1

[51] **Int.Cl. 7H01T 13/39 7H01T 21/02**
[25] EN
[54] **SPARK PLUG INCLUDING A WEAR-RESISTANT ELECTRODE TIP MADE FROM A CO-EXTRUDED COMPOSITE MATERIAL, AND METHOD OF MAKING SAME**
[54] **BOUGIE D'ALLUMAGE A EMBOUT D'ELECTRODE RESISTANT A L'USURE D'UN MATERIAU COMPOSITE COEXTRUDE, ET SON PROCEDE DE FABRICATION**
[72] ZULAUF, GARY B., US
[72] BOEHLER, JEFFERY T., US
[71] ALLIEDSIGNAL INC., US
[85] 2002-01-11
[86] 2000-07-13 (PCT/US2000/019067)
[87] 2001-01-18 (WO2001/005009)
[30] US (09/552,526) 1999-07-13

[21] **2,379,086**
[13] A1

[51] **Int.Cl. 7C07D 239/16 7C07D 239/42 7A61K 31/505**
[25] EN
[54] **1,4,5,6-TETRAHYDROPYRIMIDINE DERIVATIVE AS A VITRONECTIN INHIBITOR**
[54] **DERIVE 1,4,5,6 TETRAHYDROPYRIMIDINE UTILE EN TANT QU'INHIBITEUR DE VITRONECTINE**
[72] WOLLMANN, THEODOR, DE
[72] BREIPOHL, GERHARD, DE
[72] PEYMAN, ANUSCHIRWAN, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2002-01-11
[86] 2000-07-08 (PCT/EP2000/006504)
[87] 2001-02-01 (WO2001/007417)
[30] EP (99114372.8) 1999-07-21

[21] **2,379,089**
[13] A1

[51] **Int.Cl. 7H02M 3/338**
[25] EN
[54] **SWITCHING POWER SUPPLY CIRCUIT**
[54] **CIRCUIT D'ALIMENTATION AVEC COMMUTATION**
[72] YASUMURA, MASAYUKI, JP
[71] SONY CORPORATION, JP
[85] 2002-01-10
[86] 2000-05-11 (PCT/JP2000/003038)
[87] 2001-11-15 (WO2001/086796)

[21] **2,379,091**
[13] A1

[51] **Int.Cl. 7B64D 33/02 7F02C 7/04 7F02C 7/042**
[25] EN
[54] **SUPERSONIC EXTERNAL-COMPRESSION DIFFUSER AND METHOD FOR DESIGNING SAME**
[54] **DIFFUSEUR DE COMPRESSION EXTERNE SUPERSONIQUE ET SON PROCEDE DE CONCEPTION**
[72] KONCSEK, JOSEPH L., US
[72] SANDERS, BOBBY W., US
[72] HEDGES, LINDA S., US
[71] THE BOEING COMPANY, US
[85] 2002-01-10
[86] 2000-08-09 (PCT/US2000/021796)
[87] 2001-03-22 (WO2001/019675)
[30] US (09/382,437) 1999-08-25

[21] **2,379,092**
[13] A1

[51] **Int.Cl. 7B28B 23/00**
[25] EN
[54] **LOST MOULD ELEMENT FOR MANUFACTURING REINFORCED CONCRETE FLAT SLABS**
[54] **MOULE PERDU SERVANT A FABRIQUER DES DALLES PLANES EN BETON ARME**
[72] FEBRA, ANTONIO FRANCISCO, PT
[71] FEBRA, ANTONIO FRANCISCO, PT
[85] 2002-01-10
[86] 2000-06-29 (PCT/PT2000/000008)
[87] 2001-01-18 (WO2001/003898)
[30] PT (102332) 1999-07-12

[21] **2,379,096**
[13] A1

[51] **Int.Cl. 7A63J 5/00 7A63J 23/00 7A63J 1/02**
[25] EN
[54] **SYSTEM AND STAGE DESIGNED TO PERFORM A SCENIC REPRESENTATION AND METHOD THEREFOR**
[54] **SYSTEME ET SCENE POUR METTRE EN OEUVRE UNE REPRESENTATION THEATRALISEE ET PROCEDE CORRESPONDANT**
[72] KURANOV, ALEXANDR VASILIEVICH, RU
[71] KURANOV, ALEXANDR VASILIEVICH, RU
[71] AZHIMOV, BORIS ANATOLIEVICH, RU
[71] MEKIBEL, IGOR YAKOVIEVICH, IL
[85] 2002-01-11
[86] 2000-07-10 (PCT/RU2000/000282)
[87] 2001-01-18 (WO2001/003792)
[30] RU (99114739) 1999-07-14

[21] **2,379,098**
[13] A1

[51] **Int.Cl. 7C08L 77/00 7C08K 13/02 7C08L 67/02 7C08L 25/18**
[25] EN
[54] **FLAME RETARDANT COMPOSITIONS**
[54] **COMPOSITIONS NON INFLAMMABLES**
[72] DE SCHRYVER, DANIEL A., BE
[72] FASBINDER, DOMINIQUE, BE
[71] ALBEMARLE CORPORATION, US
[85] 2002-01-11
[86] 2000-07-21 (PCT/US2000/019952)
[87] 2001-02-01 (WO2001/007522)
[30] EP (99250247.6) 1999-07-23

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[21] **2,379,102**
[13] A1
[51] **Int.Cl. 7G01N 22/00 7G01N 33/543**
[25] EN
[54] **TEST SYSTEMS AND SENSORS FOR DETECTING MOLECULAR BINDING EVENTS**
[54] **SYSTEMES DE TEST ET DETECTEURS PERMETTANT DE DETECTER LES EVENEMENTS MOLECULAIRES DE LIAISON**
[72] HEFTI, JOHN, US
[71] SIGNATURE BIOSCIENCE, INC., US
[85] 2002-01-10
[86] 2000-07-27 (PCT/US2000/020470)
[87] 2001-03-22 (WO2001/020329)
[30] US (09/365,978) 1999-08-02

[21] **2,379,104**
[13] A1
[51] **Int.Cl. 7G11B 7/24**
[25] EN
[54] **DISPOSABLE OPTICAL STORAGE MEDIA AND MANUFACTURING METHOD**
[54] **SUPPORTS OPTIQUES JETABLES ET PROCEDE DE FABRICATION**
[72] BAKOS, YANNIS, US
[72] BRYNJOLFSSON, ERIK, US
[71] FLEXPLAY TECHNOLOGIES, INC., US
[85] 2002-01-10
[86] 2000-07-12 (PCT/US2000/018944)
[87] 2001-01-18 (WO2001/004887)
[30] US (60/143,474) 1999-07-12
[30] US (09/628,328) 2000-06-29

[21] **2,379,106**
[13] A1
[51] **Int.Cl. 7C09K 3/18**
[25] EN
[54] **DE-ICING COMPOSITION AND METHOD**
[54] **COMPOSITION ET PROCEDE DE DEGIVRAGE**
[72] BYTNAR, STEPHEN C., US
[71] MINNESOTA CORN PROCESSORS LLC, US
[85] 2002-01-11
[86] 2000-07-25 (PCT/US2000/020218)
[87] 2001-02-01 (WO2001/007532)
[30] US (60/145,576) 1999-07-26

[21] **2,379,109**
[13] A1
[51] **Int.Cl. 7C09K 21/14 7C08L 83/00 7C08L 101/00 7C08G 77/04**
[25] EN
[54] **FLAME RETARDANT AND FLAME-RETARDANT RESIN COMPOSITION**
[54] **CHARGE IGNIFUGEANTE ET COMPOSITION DE RESINE CONTENANT UNE CHARGE IGNIFUGEANTE**
[72] MATSUMOTO, KAZUAKI, JP
[72] ONO, YOSHITAKA, JP
[72] YOSHIDA, TATSUSHI, JP
[71] KANEKA CORPORATION, JP
[85] 2002-01-11
[86] 2001-05-11 (PCT/JP2001/003939)
[87] 2001-11-15 (WO2001/085870)
[30] JP (2000-138974) 2000-05-11

[21] **2,379,113**
[13] A1
[51] **Int.Cl. 7H02J 7/00**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE CHARGE DE PLUSIEURS CELLULES ELECTROCHIMIQUES**
[54] **METHOD AND DEVICE FOR CHARGING SEVERAL ELECTROCHEMICAL CELLS**
[72] LASCAUD, STEPHANE, FR
[72] BAUDOIN, ERIC, FR
[72] BETTEGA, ERIC, FR
[72] BARRAULT, MICHEL, FR
[71] ELECTRICITE DE FRANCE-SERVICE NATIONAL, FR
[71] SCHNEIDER ELECTRIC INDUSTRIES S.A., FR
[85] 2002-01-11
[86] 2000-06-21 (PCT/FR2000/001726)
[87] 2001-01-18 (WO2001/005014)
[30] FR (99/09021) 1999-07-12

[21] **2,379,116**
[13] A1
[51] **Int.Cl. 7B05B 7/04 7B01F 5/06 7B05B 7/26**
[25] EN
[54] **DISPERSION NOZZLE WITH VARIABLE THROUGHPUT**
[54] **BUSE DE DISPERSION A DEBIT VARIABLE**
[72] SCHLEENSTEIN, DIETER, DE
[72] KLINSIEK, BERND, DE
[72] VOM FELDE, MICHAEL, DE
[72] HOVESTADT, WIELAND, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2002-01-11
[86] 2000-07-04 (PCT/EP2000/006277)
[87] 2001-01-25 (WO2001/005517)
[30] DE (199 33 440.4) 1999-07-16

[21] **2,379,120**
[13] A1
[51] **Int.Cl. 7H02K 21/14**
[25] EN
[54] **ELECTRIC MOTOR UTILIZING CONVERGENCE OF MAGNETIC FLUX**
[54] **MOTEUR ELECTRIQUE A CONVERGENCE DE FLUX MAGNETIQUE**
[72] KAWAI, TERUO, JP
[71] NIKON RIKEN CO., LTD., JP
[71] COSMOS CO., LTD., JP
[85] 2002-01-11
[86] 2001-05-10 (PCT/JP2001/003901)
[87] 2001-11-15 (WO2001/086786)
[30] JP (2000-139826) 2000-05-12

[21] **2,379,122**
[13] A1
[51] **Int.Cl. 7H04B 7/06 7H04L 1/06**
[25] EN
[54] **TRANSMIT DIVERSITY TRANSMITTER AND RECEIVER FOR RADIO COMMUNICATIONS SYSTEMS**
[54] **EMETTEUR ET RECEPTEUR A DIVERSITE DE TRANSMISSION POUR SYSTEMES DE COMMUNICATION RADIO**
[72] BOIXADERA, FRANCESC, FR
[72] MAX, FRANCISCO, FR
[72] CLOP, OSCAR, FR
[71] MOTOROLA, INC., US
[85] 2002-01-11
[86] 2000-07-05 (PCT/EP2000/006446)
[87] 2001-01-18 (WO2001/005060)
[30] EP (99401757.2) 1999-07-13

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[13] A1
[51] **Int.Cl. 7E06B 9/266 7B23D 47/04**
[25] EN
[54] **ROTARY SAW CUTTER BLIND CUT DOWN MACHINE**
[54] **MACHINE D'ÉBOUTAGE DE STORES A LAME DE SCIE ROTATIVE**
[72] MAROCCO, NORBERT, CA
[71] SHADE-O-MATIC LIMITED, CA
[85] 2002-01-11
[86] 2000-07-18 (PCT/CA2000/000844)
[87] 2001-02-01 (WO2001/007747)
[30] US (09/360,316) 1999-07-23
[30] US (09/596,956) 2000-06-20

[21] **2,379,124**
[13] A1
[51] **Int.Cl. 7F16L 1/12 7B63B 35/03 7F16L 1/19**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO UNDERWATER PIPE-LAYING**
[54] **AMELIORATIONS RELATIVES A LA POSE DE CANALISATIONS SOUS-MARINES**
[72] BIANCHI, STEFANO, IT
[72] SIGNAROLDI, TERESIO, IT
[71] SAIPEM S.P.A., IT
[85] 2002-01-11
[86] 1999-07-21 (PCT/EP1999/005202)
[87] 2001-02-01 (WO2001/007812)

[21] **2,379,126**
[13] A1
[51] **Int.Cl. 7H04Q 7/32**
[25] EN
[54] **METHOD AND APPARATUS FOR AVOIDING DATA LOSS DURING A PPP RENEGOTIATION ON A UM INTERFACE**
[54] **PROCEDE ET DISPOSITIF SERVANT A PREVENIR LA PERTE DE DONNEES LORS D'UNE RENEGOCIATION PPP SUR UNE INTERFACE UM**
[72] ABROL, NISCHAL, US
[72] LIOY, MARCELLO, US
[71] QUALCOMM INCORPORATED, US
[85] 2002-01-10
[86] 2000-07-14 (PCT/US2000/019411)
[87] 2001-01-18 (WO2001/005175)
[30] US (09/353,108) 1999-07-14

[21] **2,379,127**
[13] A1
[51] **Int.Cl. 7G01N 33/53 7G01N 33/543 7G01N 33/577**
[25] EN
[54] **METHOD FOR IMMUNOLOGICALLY ANALYZING AND ASSAYING ENVIRONMENTAL POLLUTANT**
[54] **PROCEDE D'ANALYSE ET D'ESSAI D'UN POLLUANT**
[72] FUKUDA, KATSUJI, JP
[72] GODA, YASUHIRO, JP
[72] KOBAYASHI, AYAKO, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2002-01-11
[86] 2000-07-26 (PCT/JP2000/004957)
[87] 2001-02-01 (WO2001/007913)
[30] JP (11/213553) 1999-07-28

[21] **2,379,131**
[13] A1
[51] **Int.Cl. 7A61B 5/02**
[25] EN
[54] **METHOD FOR OBTAINING BLOOD PRESSURE DATA FROM OPTICAL SENSOR**
[54] **PROCEDE PERMETTANT D'OBTENIR DES DONNEES DE TENSION ARTERIELLE DE DETECTEURS OPTIQUES**
[72] KHAIR, MOHAMMAD, US
[72] NG, RICHARD, US
[72] LOPEZ, SALVADOR, US
[72] OLSON, WILLIAM, US
[72] GHAEM, SANJAR, US
[71] MOTOROLA, INC., US
[85] 2002-01-10
[86] 2001-05-10 (PCT/US2001/015167)
[87] 2001-11-15 (WO2001/085014)
[30] US (09/568,781) 2000-05-10

[21] **2,379,134**
[13] A1
[51] **Int.Cl. 7B32B 27/38**
[25] EN
[54] **MERCAPTOFUNCTIONAL SILANES TO DEPOSIT SOL-GEL COATINGS ON METALS**
[54] **SILANES MERCAPTO-FONCTIONNELS UTILES POUR DEPOSER DES REVETEMENTS DE SOL-GEL SUR DES METAUX**
[72] CROOK, RUSSELL, US
[71] CORNING INCORPORATED, US
[85] 2002-01-11
[86] 2000-05-16 (PCT/US2000/013421)
[87] 2001-01-18 (WO2001/003923)
[30] US (09/351,539) 1999-07-12

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[30] DE (199 32 149.3) 1999-07-12

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[54] **POLARISEUR RENFERMANT UNE TEINTURE**
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[72] KAJIWARA, YOSHITAKA, JP
[72] ISHII, KUMIKO, JP
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[25] EN
[54] **SPARGER FOR OXYGEN INJECTION INTO A FLUID BED REACTOR**
[54] **AGITATEUR POUR L'INJECTION D'OXYGENE DANS UN REACTEUR A LIT FLUIDISE**
[72] HEPFER, ROBERT PAUL, US
[72] MILLER, CRAIG TIMOTHY, US
[72] TROTT, LOUIS ROCCO, US
[72] GUSTAFERRO, ROBERT ANGELO, US
[72] CARLSSON, STIG-AXEL, US
[72] CLOSE, BENJAMIN WAYNE, US
[71] THE STANDARD OIL COMPANY, US
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[30] US (09/352,465) 1999-07-13

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[51] **Int.Cl. 7C02F 1/28 7B01J 20/16**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING OIL FROM WATER INCLUDING MONITORING OF ADSORBENT SATURATION**
[54] **PROCEDE ET APPAREIL D'EXTRACTION DE L'HUILE D'UNE EAU PAR CONTROLE DE LA SATURATION D'UN ADSORBANT**
[72] SMITH, JEFFREY J., US
[72] JOHNSON, MICHAEL R., US
[72] DARLINGTON, JERALD W., JR., US
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[25] EN
[54] **NEUROTROPHIC PYRROLIDINES AND PIPERIDINES, AND RELATED COMPOSITIONS AND METHODS**
[54] **PYRROLIDINES ET PIPERIDINES NEUROTROPHIQUES ET COMPOSITIONS ET PROCEDES CORRESPONDANTS**
[72] ZHAO, BOYU, US
[72] MACIELAG, MARK J., US
[72] KANOJIA, RAMESH M., US
[72] JORDAN, ALFONSO D., US
[72] REITZ, ALLEN B., US
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[30] US (60/143,006) 1999-07-09

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[54] **CATALYTIC PRODUCTION OF LIGHT OLEFINS FROM NAPHTHA FEED**
[54] **PRODUCTION CATALYTIQUE D'OLEFINES LEGERES A PARTIR D'UNE CHARGE DE NAPHTA**
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[72] CHESTER, ARTHUR W., US
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[71] MOBIL OIL CORPORATION, US
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[51] **Int.Cl. 7G06F 17/00 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR GLOBAL GENERIC MILEAGE LOYALTY PROGRAM**
[54] **SYSTEME ET PROCEDE POUR LA MISE EN PLACE D'UN PROGRAMME GLOBAL DE FIDELITE OFFRANT DES MILES GENERIQUES**
[72] OLSEN, TIMOTHY R., US
[72] THEXTON, REX, US
[72] CRAPO, JEFF D., US
[71] WEBMILES.COM, US
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[51] **Int.Cl. 7H02K 15/00 7G01B 11/14**
[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING THE WIDTH OF A GAP BETWEEN A ROTOR AND A STATOR**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER LA LARGEUR DE L'ENTREFERE SEPARANT UN ROTOR D'UN STATOR**
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[72] TISCHLER, KURT, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **CORNET D'ALIMENTATION BILIGAMME KA/KU ET TRANSDUCTEUR ORTHOMODE (OMT)**
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[54] **DISPOSITIF DE PREVENTION D'EMBOLIES**
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[13] A1

[51] **Int.Cl. 7H04J 14/02 7G02B 6/34**
[25] EN
[54] **METHOD AND DEVICES FOR MULTIPLEXING AND DEMULTIPLEXING MULTIPLE WAVELENGTHS**
[54] **PROCEDE ET DISPOSITIFS PERMETTANT DE MULTIPLEXER ET DE DEMULTIPLEXER DES LONGUEURS D'ONDES MULTIPLES**
[72] ALAVIE, A. TINO, CA
[71] JDS UNIPHASE CORPORATION, US
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[51] **Int.Cl. 7H04L 12/66 7H04L 29/08**
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[54] **METHOD AND SYSTEM FOR EXCHANGING INFORMATION BETWEEN MULTIMEDIA NETWORK NODES**
[54] **PROCEDE ET SYSTEME D'ECHANGE D'INFORMATIONS ENTRE DES NOEUDS D'UN RESEAU MULTIMEDIA**
[72] GRAF, LESLIE GARY, AU
[72] HOLLIS, MARK ALAN, AU
[72] TERRILL, STEPHEN CHRISTOPHER, SE
[72] NOGUERA-RODRIGUEZ, JUAN, AU
[72] GROVES, CHRISTIAN NORMAN, AU
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[87] 2001-01-18 (WO2001/005109)
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[25] EN
[54] **SELECTION OF LOCATION MEASUREMENT UNITS FOR DETERMINING THE POSITION OF A MOBILE COMMUNICATION STATION**
[54] **SELECTION D'UNITES DE MESURES DE LOCALISATION, AUX FINS DE DETERMINATION DE LA POSITION D'UNE STATION MOBILE DE COMMUNICATION**
[72] KANGAS, ARI, SE
[72] FISCHER, SVEN, DE
[72] LARSSON, ERIK, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
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[30] US (09/353,239) 1999-07-14

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[13] A1

[51] **Int.Cl. 7F03B 17/06**
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[54] **HYDRO-ENERGY CONVERTER**
[54] **DISPOSITIF DE TRANSFORMATION D'ENERGIE HYDRAULIQUE**
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[72] HESTER, ROBERT GEORGE, GB
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[71] HESTER, ROBERT GEORGE, GB
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[30] GB (9916617.5) 1999-07-16

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[51] **Int.Cl. 7A47K 11/04**
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[54] **COMMODE CHAIR**
[54] **CHAISE PERCEE**
[72] CROTH, MIKE, CA
[72] BROTHERSTON, IAN, CA
[71] BRODA ENTERPRISES INC., CA
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[30] CA (2,277,623) 1999-07-16

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[13] A1

[51] **Int.Cl. 7C03C 1/00 7C03B 3/02 7C03C 1/02**
[25] EN
[54] **METHODS OF FORMING PARTICULATE GLASS BATCH COMPOSITIONS AND REDUCING VOLATILE COMPONENTS FROM AN EXHAUST STREAM**
[54] **PROCEDES DESTINES A LA PRODUCTION DE COMPOSITIONS DE FRITTE PARTICULAIRES ET A LA REDUCTION DES COMPOSANTS VOLATILES DANS UN FLUX D'ECHAPPEMENT**
[72] LEEHR, WILLIAM H., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2002-01-11
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[87] 2001-01-18 (WO2001/004065)
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[54] **INHIBITEURS DE SPLA2**
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[72] LIN, HO-SHEN, US
[71] ELI LILLY & COMPANY, US
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[13] A1

[51] **Int.Cl. 7E21B 7/06 7E21B 7/08**
[25] EN
[54] **MAGNETORHEOLOGICAL FLUID APPARATUS, ESPECIALLY ADAPTED FOR USE IN A STEERABLE DRILL STRING, AND METHOD OF USING SAME**
[54] **TRAIN DE TIGES ORIENTABLE**
[72] WASSELL, MARK ELLSWORTH, US
[71] APS TECHNOLOGY, INC., US
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[25] EN
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[72] LOOZEN, HUBERT JAN JOZEF, NL
[72] VAN DER LOUW, JAAP, NL
[72] LEYSEN, DIRK, BE
[71] AKZO NOBEL N.V., NL
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[30] EP (99202348.1) 1999-07-16

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[54] **METHOD FOR REMOVING MERCAPTANS FROM FLUID FLUXES**
[54] **PROCEDE PERMETTANT DE SUPPRIMER DES MERCAPTANS DE COURANTS DE FLUX**
[72] WAGNER, RUPERT, DE
[72] HUGO, RANDOLF, DE
[72] GROSSMANN, CHRISTOPH, DE
[72] HOLST, THOMAS S., CA
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[30] DE (199 33 301.7) 1999-07-15

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[51] **Int.Cl. 7B23B 27/00 7B23B 27/16**
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[54] **LOGEMENT POUR PLAQUETTE AMOVIBLE D'OUTIL DE COUPE**
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[71] ISCAR LTD., IL
[85] 2002-01-11
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[30] IL (131463) 1999-08-18

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[51] **Int.Cl. 7C12Q 1/68 7G01N 33/574**
[25] EN
[54] **A METHOD FOR DETERMINING THE PROGNOSIS OF CANCER PATIENTS BY MEASURING LEVELS OF BAG EXPRESSION**
[54] **PROCEDE PERMETTANT D'ETABLIR UN PRONOSTIC POUR DES PATIENTS ATTEINTS D'UN CANCER, PAR MESURE DES NIVEAUX D'EXPRESSION DE LA PROTEINE BAG**
[72] REED, JOHN C., US
[71] THE BURNHAM INSTITUTE, US
[85] 2002-01-08
[86] 2000-07-07 (PCT/US2000/018758)
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[25] EN
[54] **LASER JOINING TOOTHBRUSH HEADS TO HANDLES**
[54] **ASSEMBLAGE LASER DE TETES DE BROSSA A DENTS ET DE LEUR MANCHE**
[72] GRIMM, ROBERT A., US
[72] RUSSELL, BRUCE M., US
[71] COLGATE-PALMOLIVE COMPANY, US
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[87] 2001-01-18 (WO2001/003909)
[30] US (09/351,571) 1999-07-12

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[51] **Int.Cl. 7C21B 13/10**
[25] FR
[54] **PROCEDE DE REDUCTION D'OXYDES METALLIQUES ET DISPOSITIF POUR LA MISE EN OEUVRE DU PROCEDE**
[54] **METAL OXIDE REDUCTION METHOD AND DEVICE THEREFOR**
[72] MONTEYNE, GUIDO, BE
[71] SIDMAR N.V., BE
[85] 2002-01-10
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[54] **FILTRE CENTRIFUGE**
[72] MAY, DAVID F., US
[71] ANALYTICAL ENGINEERING, INC., US
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[54] **PROCESS FOR PREPARING DIBENZOTHIAZEPINE DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES DE DIBENZOTHIAZEPINE**
[72] YOSHII, KIYOTAKA, JP
[72] NISHINO, SHIGEYOSHI, JP
[72] HARADA, KATSUMASA, JP
[71] UBE INDUSTRIES LTD., JP
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[87] 2001-01-18 (WO2001/004106)

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[13] A1

[51] **Int.Cl. 7B01D 45/12**
[25] EN
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[54] **DISPOSITIF D'ELIMINATION DE GOUTTELETTES AMELIORE**
[72] PARKS, CLINTON R., US
[71] THERMO BLACK CLAWSON INC., US
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[30] US (60/143,406) 1999-07-12

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[51] **Int.Cl. 7C10G 11/05 7C10G 11/18**
[25] EN
[54] **CATALYTIC PRODUCTION OF LIGHT OLEFINS RICH IN PROPYLENE**
[54] **PRODUCTION CATALYTIQUE D'OLEFINES LEGERES RICHES EN PROPYLENE**
[72] JOHNSON, DAVID L., US
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[71] MOBIL OIL CORPORATION, US
[85] 2002-01-11
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[54] **CARTON AND A HANDLE THEREFOR**
[54] **CARTON ET MANCHE CORRESPONDANT**
[72] BLIN, PATRICK, FR
[72] AUCLAIR, JEAN-MICHEL, FR
[71] THE MEAD CORPORATION, US
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[30] GB (9916343.8) 1999-07-13

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[54] **PATIN A ROULETTE HAUTES PERFORMANCES**
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[72] HUMES, DANIEL M., US
[71] STILLINGER, SCOTT H., US
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[86] 2000-07-12 (PCT/US2000/019016)
[87] 2001-01-18 (WO2001/003783)
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[25] EN
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[54] **SYNTHESE DU ZSM-5 ET DU ZSM-11**
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[72] SCHLENKER, JOHN L., US
[72] ROLLMANN, LOUIS D., US
[71] MOBIL OIL CORPORATION, US
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[30] US (09/351,850) 1999-07-13

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[13] A1

[51] **Int.Cl. 7B01J 8/00 7C10G 49/00 7B01J 8/02**
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[54] **FOULING TOLERANT FIXED BED REACTOR**
[54] **REACTEUR A LIT FIXE TOLERANT L'ENCRASSEMENT**
[72] ROSSETTI, SALVATORE JOSEPH, US
[72] DANKWORTH, DAVID CHARLES, US
[72] GUPTA, RAMESH, US
[72] BAILOR, JAMES PHILIP, US
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[30] US (09/351,648) 1999-07-13

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[13] A1

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[25] EN
[54] **NOVEL METHOD AND COMPOSITION FOR INHIBITION OF ANGIOGENESIS USING ANTAGONISTS BASED ON MMP-9 AND .BETA.1 INTEGRINS**
[54] **NOUVELLES METHODE ET COMPOSITION D'INHIBITION DE L'ANGIOGENESE UTILISANT DES ANTAGONISTES BASES SUR LES INTEGRINES MMP-9 ET .BETA.1**
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[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[30] US (60/152,495) 1999-09-02

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<p style="text-align: right;">[21] 2,379,384 [13] A1</p> <p>[51] Int.Cl. 7B01D 11/02 [25] EN [54] CHLORINATION APPARATUS AND METHOD [54] APPAREIL ET PROCEDE DE CHLORATION [72] HAMMONDS, CARL L., US [71] HAMMONDS TECHNICAL SERVICES, INC., US [85] 2002-01-11 [86] 2000-07-13 (PCT/US2000/019165) [87] 2001-01-18 (WO2001/003796) [30] US (60/143,567) 1999-07-13</p>	<p style="text-align: right;">[21] 2,379,413 [13] A1</p> <p>[51] Int.Cl. 7B01D 67/00 7B01D 69/02 7B01D 71/10 7B01D 69/12 [25] EN [54] CHARGED FILTRATION MEMBRANES AND USES THEREFOR [54] MEMBRANES DE FILTRATION CHARGEES ET UTILISATIONS ASSOCIEES [72] VAN REIS, ROBERT D., US [71] GENENTECH, INC., US [85] 2002-01-11 [86] 2000-07-21 (PCT/US2000/019964) [87] 2001-02-08 (WO2001/008792) [30] US (60/146,558) 1999-07-30</p>	<p style="text-align: right;">[21] 2,379,418 [13] A1</p> <p>[51] Int.Cl. 7C08F 2/24 [25] EN [54] METHOD FOR PRODUCING AQUEOUS RESIN DISPERSION COMPOSITION [54] PROCESSUS DE PRODUCTION D'UNE RESINE DE DISPERSION AQUEUSE [72] MATSUZAKI, HIDEO, JP [72] KAAI, MICHIIRO, JP [72] KAYAMORI, SATOSHI, JP [72] SANAI, YASUYUKI, JP [71] TOAGOSEI CO., LTD., JP [85] 2002-01-10 [86] 2000-07-06 (PCT/JP2000/004498) [87] 2001-01-18 (WO2001/004163) [30] JP (11/197028) 1999-07-12</p>
<p style="text-align: right;">[21] 2,379,386 [13] A1</p> <p>[51] Int.Cl. 7A63F 9/24 [25] EN [54] COMPUTER GAME AND METHOD OF PLAYING THE SAME [54] JEU D'ORDINATEUR ET PROCEDE CORRESPONDANT [72] CUSOLITO, ALAN, US [72] WOLL, CYNTHIA, US [72] FINNOCHIARO, LISA, US [71] MATTEL, INC., US [85] 2002-01-11 [86] 2000-07-14 (PCT/US2000/019263) [87] 2001-01-18 (WO2001/003788) [30] US (60/143,922) 1999-07-14</p>	<p style="text-align: right;">[21] 2,379,415 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/38 [25] EN [54] SYSTEM AND METHOD FOR PERFORMING SOFT HANDOFF BETWEEN FREQUENCY DIVISION DUPLEX AND TIME DIVISION DUPLEX COMMUNICATION SYSTEMS [54] DISPOSITIF ET PROCEDE PERMETTANT D'EXECUTER LE TRANSFERT SOUPLE ENTRE UN SYSTEME DE COMMUNICATION PAR DUPLEX A REPARTITION EN FREQUENCE ET UN SYSTEME DE COMMUNICATION PAR DUPLEX AREPARTITION DANS LE TEMPS [72] HOTTINEN, ARI, FI [72] TEITTINEN, MARKO, DE [72] SUNAY, M. OGUZ, US [71] HOTTINEN, ARI, FI [71] TEITTINEN, MARKO, DE [71] SUNAY, M. OGUZ, US [85] 2002-01-11 [86] 2000-07-24 (PCT/US2000/020074) [87] 2001-02-08 (WO2001/010159) [30] US (09/364,523) 1999-07-30</p>	<p style="text-align: right;">[21] 2,379,419 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/44 [25] EN [54] SUNSCREEN LOTION OR SPRAY COMPOSITION [54] COMPOSITION ANTISOLAIRE APPLIQUEE SOUS FORME DE PULVERISATION OU DE LOTION [72] FULLER, JENNIFER, US [72] SANOGUEIRA, JAMES, US [71] PLAYTEX PRODUCTS, INC., US [85] 2002-01-11 [86] 2000-08-15 (PCT/US2000/022379) [87] 2001-02-22 (WO2001/012146) [30] US (60/149,090) 1999-08-16</p>
<p style="text-align: right;">[21] 2,379,412 [13] A1</p> <p>[51] Int.Cl. 7H04L 12/64 [25] EN [54] A MULTIPLE-ACCESS SCHEME FOR PACKET VOICE THAT USES VOICE ACTIVITY DETECTION [54] SCHEMA A PLUSIEURS ACCES S'APPLIQUANT A LA TRANSMISSION DE SIGNAUX VOCAUX PAR PAQUETS ET UTILISANT LA DETECTION D'ACTIVITE DES SIGNAUX VOCAUX [72] SESHADRI, NAMBIRAJAN, US [71] AT&T CORP., US [85] 2002-01-11 [86] 2000-07-19 (PCT/US2000/019620) [87] 2001-01-25 (WO2001/006721) [30] US (60/144,469) 1999-07-19 [30] US (60/144,535) 1999-07-19</p>	<p style="text-align: right;">[21] 2,379,412 [13] A1</p> <p>[51] Int.Cl. 7B01D 61/36 [25] EN [54] OSMOTIC DISTILLATION PROCESS [54] PROCEDE DE DISTILLATION OSMOTIQUE [72] BOWSER, JOHN J., US [71] CMS TECHNOLOGY HOLDINGS, INC., US [85] 2002-01-11 [86] 2000-07-28 (PCT/US2000/040493) [87] 2001-02-22 (WO2001/012304) [30] US (09/375,898) 1999-08-17</p>	<p style="text-align: right;">[21] 2,379,440 [13] A1</p> <p>[51] Int.Cl. 7B01D 61/36 [25] EN [54] OSMOTIC DISTILLATION PROCESS [54] PROCEDE DE DISTILLATION OSMOTIQUE [72] BOWSER, JOHN J., US [71] CMS TECHNOLOGY HOLDINGS, INC., US [85] 2002-01-11 [86] 2000-07-28 (PCT/US2000/040493) [87] 2001-02-22 (WO2001/012304) [30] US (09/375,898) 1999-08-17</p>

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<p style="text-align: right;">[21] 2,379,442 [13] A1</p> <p>[51] Int.Cl. 7A61B 17/12 [25] EN [54] CONTROLLED INJECTION OF LIQUID EMBOLIC COMPOSITION [54] REGULATION DE L'INJECTION D'UNE COMPOSITION LIQUIDE D'EMBOLISATION [72] GREFF, RICHARD J., US [72] WALLACE, GEORGE, US [72] JONES, MICHAEL, US [72] CRAGG, ANDREW H., US [72] GREENE, GEORGE ROBERT, US [72] PERL, JOHN II, US [72] WALKER, BLAIR D., US [71] MICRO THERAPEUTICS, INC., US [85] 2002-01-11 [86] 2000-08-07 (PCT/US2000/040603) [87] 2001-03-08 (WO2001/015608) [30] US (09/387,274) 1999-08-31</p>	<p style="text-align: right;">[21] 2,379,886 [13] A1</p> <p>[51] Int.Cl. 7C11D 1/66 [25] EN [54] FABRIC CONDITIONING CONCENTRATE [54] CONCENTRE DE CONDITIONNEMENT POUR TISSUS [72] MOHAMMADI, MANSUR SULTAN, GB [72] JONES, CRAIG WARREN, GB [71] UNILEVER PLC, GB [85] 2002-01-11 [86] 2000-07-03 (PCT/EP2000/006249) [87] 2001-02-01 (WO2001/007546) [30] GB (9917537.4) 1999-07-26</p>	<p style="text-align: right;">[21] 2,380,112 [13] A1</p> <p>[51] Int.Cl. 7B62B 3/10 7B62B 3/16 [25] EN [54] CART FOR FOLDING TABLES [54] CHARIOT POUR TABLES PLIANTES [72] LEEDS, HARRY D., US [72] SEXTON, KENNY A., US [72] ELMORE, DONALD R., US [71] TABLE TOTER, INC., US [85] 2002-02-27 [86] 2001-02-14 (PCT/US2001/040117) [87] 2002-07-05 (WO/) [30] US (09/755,800) 2001-01-05</p>
<p style="text-align: right;">[21] 2,379,729 [13] A1</p> <p>[51] Int.Cl. 7C12N 9/54 7C11D 3/386 [25] EN [54] PROTEASE CONJUGATES HAVING STERICALLY PROTECTED CLIP SITES [54] CONJUGUES DE PROTEASE COMPRENANT DES SITES CLIP PROTEGES STERIQUEMENT [72] WEISGERBER, DAVID JOHN, US [72] RUBINGH, DONN NELTON, US [72] CORREA, PAUL ELLIOTT, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2002-01-17 [86] 2000-07-11 (PCT/US2000/018855) [87] 2001-02-01 (WO2001/007484) [30] US (60/144,981) 1999-07-22</p>	<p style="text-align: right;">[21] 2,379,889 [13] A1</p> <p>[51] Int.Cl. 7G06T 5/50 7G06T 3/00 [25] EN [54] AUTOMATED IMAGE FUSION/ ALIGNMENT SYSTEM AND METHOD [54] SYSTEME ET PROCEDE D'ALIGNEMENT ET DE FUSION AUTOMATIQUE D'IMAGES [72] LANE, DEREK G., US [72] HIBBARD, LYN, US [71] COMPUTERIZED MEDICAL SYSTEMS, INC, US [85] 2002-01-10 [86] 2000-07-26 (PCT/US2000/020291) [87] 2001-03-29 (WO2001/022363) [30] US (09/360,436) 1999-07-26</p>	<p style="text-align: right;">[21] 2,380,294 [13] A1</p> <p>[51] Int.Cl. 7H04M 17/00 [25] EN [54] CHARGING FOR PREPAID SUBSCRIBERS IN A TELECOMMUNICATIONS SYSTEM [54] PROCEDE DE RECLAMATION AUPRES DES ABONNES DETENTEURS DE TELECARTE DANS UN SYSTEME DE TELECOMMUNICATIONS [72] ANDRESEN, LARS, DK [72] HAATAJA, TIMO, DK [71] NOKIA CORPORATION, FI [85] 2002-01-23 [86] 2000-09-01 (PCT/FI2000/000742) [87] 2001-03-08 (WO2001/017222) [30] FI (19991874) 1999-09-02</p>
<p style="text-align: right;">[21] 2,379,846 [13] A1</p> <p>[51] Int.Cl. 7H01Q 1/52 7H01Q 21/08 7H01Q 21/26 [25] EN [54] ANTENNA [54] ANTENNE [72] GOTTL, MAX, DE [71] KATHREIN-WERKE KG, DE [85] 2002-01-07 [86] 2000-07-06 (PCT/EP2000/006411) [87] 2001-01-18 (WO2001/004991) [30] DE (199 31 907.3) 1999-07-08</p>	<p style="text-align: right;">[21] 2,379,890 [13] A1</p> <p>[51] Int.Cl. 7G06F 1/00 7G06F 12/14 7H04L 9/32 [25] EN [54] INFORMATION CARRIER [54] SUPPORT D'INFORMATION [72] DUROJ, DANI, SE [71] CREATIVE MEDIA DESIGN AT INTEGRATED SYSTEMS SCANDINAVIA GROUP AB, SE [85] 2002-01-11 [86] 2000-07-12 (PCT/SE2000/001482) [87] 2001-01-25 (WO2001/006342) [30] SE (9902710-4) 1999-07-15</p>	<p style="text-align: right;">[21] 2,380,750 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/60 7H04Q 3/00 [25] EN [54] SYSTEM AND METHOD FOR REAL-TIME REPORTING OF ADVERTISING EFFECTIVENESS [54] SYSTEME ET PROCEDE PERMETTANT DE GENERER UN RAPPORT SUR L'EFFICACITE D'UNE CAMPAGNE PUBLICITAIRE EN TEMPS REEL [72] BENSON, LONNIE JOHN, US [71] WHOSCALLING.COM, INC., US [85] 2002-01-09 [86] 2000-07-07 (PCT/US2000/018606) [87] 2001-01-18 (WO2001/004780) [30] US (09/350,785) 1999-07-09</p>

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[21] **2,380,820**
[13] A1
[51] **Int.Cl. 7A61K 31/423 7A61P 25/00 7A61P 3/06 7A61P 25/16 7A61P 25/24 7A61P 25/28**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING CLAVULANIC ACID OR DERIVATIVE THEREOF FOR THE TREATMENT OF BEHAVIORAL DISEASES**
[54] **COMPOSITION ET PROCEDE NEUROTHERAPEUTIQUES A BASE DE CLAVULANATE**
[72] KOPPEL, GARY A., US
[71] REVAAX PHARMACEUTICALS, LLC, US
[85] 2002-02-13
[86] 2000-08-16 (PCT/US2000/022434)
[87] 2001-02-22 (WO2001/012171)
[30] US (60/149,115) 1999-08-16
[30] US (60/172,452) 1999-12-17
[30] US (60/176,570) 2000-01-18
[30] US (60/194,534) 2000-04-04

[21] **2,380,916**
[13] A1
[51] **Int.Cl. 7A61L 24/04**
[25] EN
[54] **STERILIZED CYANOACRYLATE SOLUTIONS CONTAINING THICKENERS**
[54] **SOLUTIONS DE CYANOCRYLATE STERILISEES CONTENANT DES EPAISSISSANTS**
[72] BOBO, JOHN S., US
[72] JONN, JERRY, US
[72] STEWART, UBONWAN A., US
[72] HICKEY, TIMOTHY, US
[71] CLOSURE MEDICAL CORPORATION, US
[85] 2002-02-11
[86] 2000-08-11 (PCT/US2000/022159)
[87] 2001-02-22 (WO2001/012243)
[30] US (09/374,207) 1999-08-12

[21] **2,381,038**
[13] A1
[51] **Int.Cl. 7G01N 33/50 7G01N 33/52 7G01N 33/569 7G01N 33/58 7G01N 33/68**
[25] EN
[54] **MEASUREMENT OF ANALYTES IN WHOLE BLOOD**
[54] **MESURE D'ANALYTES DANS LE SANG TOTAL**
[72] ROMASCHIN, ALEXANDER D., CA
[72] WALKER, PAUL M., CA
[71] SEPSIS, INC., CA
[85] 2002-01-08
[86] 1999-11-30 (PCT/IB1999/001923)
[87] 2001-01-18 (WO2001/004630)
[30] US (09/353,189) 1999-07-14

[21] **2,381,121**
[13] A1
[51] **Int.Cl. 6C06B 29/02 6C06B 43/00 6C06B 31/28**
[25] EN
[54] **METHOD AND PLANT FOR IN SITU FABRICATION OF EXPLOSIVES FROM WATER-BASED OXIDANT PRODUCT**
[54] **PROCEDE ET INSTALLATION PERMETTANT LA FABRICATION IN SITU D'EXPLOSIFS A PARTIR D'UN PRODUIT OXYDANT A BASE AQUEUSE**
[72] QUINTANA ANGULO, JOSE RAMON, ES
[72] BEITIA GOMEZ DE SEGURA, FERNANDO MARIA, ES
[72] LANZA RIVAS, RAFAEL, ES
[71] UNION ESPANOLA DE EXPLOSIVOS, S.A., ES
[85] 2002-01-08
[86] 1999-07-09 (PCT/ES1999/000224)
[87] 2001-01-18 (WO2001/004073)

[21] **2,381,165**
[13] A1
[51] **Int.Cl. 7C07D 453/02 7A61P 43/00 7A61K 31/435**
[25] EN
[54] **QUINUCLIDINE DERIVATIVES AND THEIR USE AS MUSCARINIC M3 RECEPTOR LIGANDS**
[54] **NOUVEAUX DERIVES DE QUINUCLIDINE ET COMPOSITIONS MEDICALES LES CONTENANT**
[72] BUIL ALBERO, MARIA ANTONIA, ES
[72] FERNANDEZ FORNER, DOLORS, ES
[72] PRAT QUINONES, MARIA, ES
[71] ADMIRALL PRODESFARMA S.A., ES
[85] 2002-01-10
[86] 2000-07-07 (PCT/EP2000/006469)
[87] 2001-01-18 (WO2001/004118)
[30] ES (P 9901580) 1999-07-14

[21] **2,381,206**
[13] A1
[51] **Int.Cl. 7C12N 15/54 7C12N 9/12 7C12N 1/21 7C12P 19/34 7C12Q 1/68 7C12N 15/70**
[25] EN
[54] **TAQ DNA POLYMERASES HAVING AN AMINO ACID SUBSTITUTION AT E681 AND HOMOLOGS THEREOF EXHIBITING IMPROVED SALT TOLERANCE**
[54] **ADN POLYMERASES TAQ AVEC SUBSTITUTION D'ACIDE AMINE EN E681 ET LEURS HOMOLOGUES PRESENTANT UNE TOLERANCE ACCRUE AU SEL**
[72] FINN, PATRICK J., US
[72] NELSON, JOHN, US
[72] KUMAR, SHIV, US
[72] FLICKE, PARKE, US
[72] NAMPALLI, SATYAAM, US
[72] DAVIS, MARIA, US
[71] AMERSHAM PHARMACIA BIOTECH INC., US
[85] 2002-01-29
[86] 2000-08-10 (PCT/US2000/022150)
[87] 2001-03-01 (WO2001/014568)
[30] US (60/150,167) 1999-08-21
[30] US (60/154,739) 1999-09-17

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[21] **2,382,067**
[13] A1
[51] **Int.Cl. 7C12N 15/67 7A61K 39/02 7C12N 1/20 7C12N 1/21**
[25] EN
[54] **RECOMBINANT MICROORGANISMS**
[54] **MICRO-ORGANISMES DE RECOMBINAISON**
[72] TITBALL, RICHARD WILLIAM, GB
[72] BULLIFENT, HELEN LISA, GB
[71] THE SECRETARY OF STATE FOR DEFENCE, GB
[85] 2002-02-14
[86] 2000-09-06 (PCT/GB2000/003402)
[87] 2001-03-22 (WO2001/019974)
[30] GB (9921275.5) 1999-09-10
[30] GB (0017000.1) 2000-07-12

[21] **2,382,183**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07K 16/28 7G01N 33/566 7C07K 14/705**
[25] EN
[54] **NEW G-PROTEIN COUPLED RECEPTOR AND DNA SEQUENCES THEREOF**
[54] **NOUVEAU RECEPTEUR COUPLE A LA PROTEINE G ET SEQUENCES D'ADN DUDIT RECEPTEUR**
[72] DUECKER, KLAUS, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2002-02-15
[86] 2000-08-09 (PCT/EP2000/007723)
[87] 2001-03-01 (WO2001/014548)
[30] EP (99116345.2) 1999-08-19

[21] **2,382,184**
[13] A1
[51] **Int.Cl. 7C12N 1/19 7C12P 21/02**
[25] EN
[54] **NOVEL YEAST VARIANTS AND PROCESS FOR PRODUCING GLYCOPROTEIN CONTAINING MAMMALIAN TYPE SUGAR CHAIN**
[54] **NOUVELLES VARIANTES DE LEVURE ET PROCEDE DE PRODUCTION DE GLYCOPROTEINE**
[72] CHIBA, YASUNORI, JP
[72] KAINUMA, MAMI, JP
[72] JIGAMI, YOSHIFUMI, JP
[72] ISHII, TOMOKO, JP
[72] SHIMMA, YOH-ICHI, JP
[72] YAMANO, SHIGEYUKI, JP
[72] YOSHIDA, SATOSHI, JP
[72] TAKEUCHI, MAKOTO (deceased), JP
[72] KAWASHIMA, EIKO, JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[71] KIRIN BEER KABUSHIKI KAISHA, JP
[85] 2002-02-18
[86] 2000-08-16 (PCT/JP2000/005474)
[87] 2001-03-01 (WO2001/014522)
[30] JP (11/233215) 1999-08-19

[21] **2,382,221**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7A61K 39/00 7C07K 1/00 7C07K 16/00 7A61K 39/02 7A61K 39/40**
[25] EN
[54] **OUTER MEMBRANE PROTEIN A, PEPTIDOGLYCAN-ASSOCIATED LIPOPROTEIN, AND MUREIN LIPOPROTEIN AS THERAPEUTIC TARGETS FOR TREATMENT OF SEPSIS**
[54] **PROTEINES DE MEMBRANE EXTERNE A, LIPOPROTEINE ASSOCIEE A DU PEPTIDOGLYCANE ET LIPOPROTEINE DE MUREINE COMME CIBLES THERAPEUTIQUES POUR LE TRAITEMENT DE LA SEPTICEMIE**
[72] WARREN, H. SHAW, US
[72] HELLMAN JUDITH, US
[72] KURNICK, JAMES T., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2002-02-19
[86] 2000-08-18 (PCT/US2000/022736)
[87] 2001-03-01 (WO2001/013948)
[30] US (60/149,960) 1999-08-20

[21] **2,382,324**
[13] A1
[51] **Int.Cl. 7C07H 19/052 7C07H 21/00 7C07D 249/12 7C07D 249/14 7C07D 233/66**
[25] EN
[54] **NUCLEOSIDE ANALOGUES**
[54] **ANALOGUES DE NUCLEOSIDE**
[72] SMITH, CLIFFORD, GB
[72] CUMMINS, WILLIAM JONATHAN, GB
[72] NAIRNE, ROBERT JAMES DOMETT, GB
[71] AMERSHAM PLC, GB
[85] 2002-02-19
[86] 2000-08-30 (PCT/GB2000/003301)
[87] 2001-03-08 (WO2001/016150)
[30] EP (99306887.3) 1999-08-31

[21] **2,382,898**
[13] A1
[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHOD FOR DETECTING AND QUANTIFYING FIRST BIOPOLYMERS THAT ARE LOCATED IN A LIQUID**
[54] **PROCEDE POUR DETECTER ET QUANTIFIER DES PREMIERS BIOPOLYMERES SE TROUVANT DANS UN LIQUIDE**
[72] BERTLING, WOLF, DE
[72] SCHULEIN, JURGEN, DE
[72] HASSMANN, JORG, DE
[71] NOVEMBER AKTIENGESELLSCHAFT GESELLSCHAFT FUR MOLEKULARE MEDIZIN, DE
[85] 2002-02-25
[86] 2000-08-12 (PCT/DE2000/002757)
[87] 2001-03-08 (WO2001/016361)
[30] DE (199 40 647.2) 1999-08-26

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[21] **2,383,147**
[13] A1
[51] **Int.Cl. 7A61K 31/137 7A61P 43/00 7A61P 31/04 7C07D 401/12 7C07D 405/12 7C07D 409/12 7C07D 417/12 7C07D 211/14 7C07D 211/18 7A61K 31/27 7A61K 31/4035 7A61K 31/44 7A61K 31/445 7A61K 31/4453 7C07D 211/46 7A61K 31/472 7C07D 211/58 7C07D 211/70**
[25] EN
[54] **MCH ANTAGONISTS**
[54] **ANTAGONISTES DE L'HORMONE DE CONCENTRATION DE LA MELANINE**
[72] MORI, MASAOKI, JP
[72] KATO, KANEYOSHI, JP
[72] CHOH, NOBUO, JP
[72] TAKEKAWA, SHIRO, JP
[72] SHIMOMURA, YUKIO, JP
[72] SUZUKI, NOBUHIRO, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2002-03-19
[86] 2000-09-19 (PCT/JP2000/006376)
[87] 2001-03-29 (WO2001/021169)
[30] JP (11/266278) 1999-09-20
[30] JP (2000/221055) 2000-07-17

[21] **2,383,497**
[13] A1
[51] **Int.Cl. 7H04M 11/00**
[25] EN
[54] **METHOD AND APPARATUS FOR COMBINING VOICE LINE CARD AND XDSL LINE CARD FUNCTIONS**
[54] **PROCEDE ET APPAREIL DE COMBINAISON DE FONCTIONS DE CARTE DE LIGNES DE VOIX ET DE CARTE DE LIGNES D'ABONNES NUMERIQUES (XDSL)**
[72] HJARTARSON, GUDMUNDUR JIM, CA
[72] FEELEY, MARK, CA
[72] BOOCOCK, JONATHAN, CA
[72] DECZKY, ANDREW, CA
[72] WEIRICH, ANDREAS, CA
[71] CATENA NETWORKS, INC., US
[85] 2002-01-11
[86] 2000-07-12 (PCT/US2000/018983)
[87] 2001-01-18 (WO2001/005134)
[30] CA (2,277,534) 1999-07-13

[21] **2,383,743**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07K 14/21 7C12N 15/78**
[25] EN
[54] **QUORUM SENSING SIGNALING IN BACTERIA**
[54] **SIGNALISATION DE DETECTION DE QUORUM CHEZ DES BACTERIES**
[72] MUH, UTE, US
[72] WHITELEY, MARVIN, US
[72] GREENBERG, E. PETER, US
[72] LEE, KIMBERLY M., US
[71] THE UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[71] QUORUM SCIENCES, INC., US
[85] 2002-02-27
[86] 2000-09-01 (PCT/US2000/024141)
[87] 2001-03-15 (WO2001/018248)
[30] US (60/153,022) 1999-09-03

[21] **2,384,000**
[13] A1
[51] **Int.Cl. 7C12N 15/80 7C12P 21/00 7C12N 1/15**
[25] EN
[54] **REGULATORY SEQUENCES FUNCTIONING IN FILAMENTOUS FUNGI**
[54] **SEQUENCES REGULATRICES FONCTIONNANT DANS DES CHAMPIGNONS FILAMENTEUX**
[72] WATANABE, MANABU, JP
[72] MURAKAMI, TAKESHI, JP
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[30] JP (11/252851) 1999-09-07

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF INFLAMMATORY DISEASE USING CADHERIN-11 MODULATING AGENTS**
[54] **TECHNIQUES ET COMPOSITIONS DESTINEES AU TRAITEMENT DE MALADIE INFLAMMATOIRE PAR UTILISATION D'AGENTS DE MODULATION CADHERINE-11**
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[72] VALENCIA, XAVIER, US
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[51] **Int.Cl. 7C12N 9/00 7C12P 21/04 7C12N 1/15 7C12N 15/52**
[25] EN
[54] **CYCLIC DEPSIPEPTIDE SYNTHASES, GENES THEREOF AND MASS PRODUCTION SYSTEM OF CYCLIC DEPSIPEPTIDE**
[54] **SYNTHASES DE DEPSIPEPTIDES CYCLIQUES, GENES CORRESPONDANTS ET SYSTEME DE PRODUCTION DE MASSE DE CES DEPSIPEPTIDES CYCLIQUES**
[72] FUTAMURA, TAKAFUMI, JP
[72] WATANABE, MANABU, JP
[72] MURAKAMI, TAKESHI, JP
[72] KLEINKAUF, HORST, DE
[72] AIHARA, SATO, JP
[72] YASUTAKE, TETSUYA, JP
[72] MIDOH, NAOKI, JP
[72] YANAI, KOJI, JP
[72] MIYAMOTO, KOICHI, JP
[72] OKAKURA, KAORU, JP
[71] MEIJI SEIKA KAISHA, LTD., JP
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[54] **INHIBITEURS DE PRENYL-
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[72] BESHORE, DOUGLAS C., US
[72] GALLICCHIO, STEVEN N., US
[72] BELL, IAN M., US
[71] MERCK & CO., INC., US
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[54] **RECIPIENT A ALIMENTS**
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[25] EN
[54] **AN OFF-BOARD STATION AND AN
ELECTRICITY EXCHANGING
SYSTEM SUITABLE FOR USE WITH A
MOBILE VEHICLE POWER SYSTEM**
[54] **STATION A DISTANCE ET
SYSTEME ECHANGEUR
D'ELECTRICITE UTILISE AVEC UN
SYSTEME D'ALIMENTATION D'UN
VEHICULE MOBILE**
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[72] ONG, ROBIN Y. P., US
[71] ZTEK CORPORATION, US
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[25] FR
[54] **UTILISATION D'UNE PROTEINE
DE MEMBRANE OMPA
D'ENTEROBACTERIE ASSOCIEE A UN
PEPTIDE IMMUNOGENE DU VRS
POUR LA PREPARATION DE VACCINS
ADMINISTRABLES PAR VOIE NASALE**
[54] **USE OF AN OUTER MEMBRANE
PROTEIN A OF AN
ENTEROBACTERIUM ASSOCIATED
WITH A RSV IMMUNOGENIC PEPTIDE
FOR PREPARING VACCINES FOR
INTRANASAL ADMINISTRATION**
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[72] CORVAIA, NATHALIE, FR
[71] PIERRE FABRE MÉDICAMENT, FR
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[25] EN
[54] **GENE ENCODING NOVEL HUMAN
SECRETORY PHOSPHOLIPASE A2**
[54] **PHOSPHOLIPASE SECRETOIRE
HUMAINE A2 CODANT POUR UN
GENE**
[72] SUZUKI, NORIKO, JP
[72] ISHIZAKI, JUN, JP
[72] HANASAKI, KOHJI, JP
[71] SHIONOGI & CO., LTD., JP
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[25] EN
[54] **POLYPEPTIDE HUMANIN
INHIBITING NERVE CELL DEATH**
[54] **POLYPEPTIDE HUMAIN
RESPONSABLE DE L'INHIBITION DE
LA MORT DE CELLULES NERVEUSES**
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[71] KEIO UNIVERSITY, JP
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[25] EN
[54] **.ALPHA.-
ISOMALTOSYLGLUCOSACCHARIDE
SYNTHASE, PROCESS FOR
PRODUCING THE SAME AND USE
THEREOF**
[54] **SYNTHASE D'.ALPHA.-
ISOMALTOSYLGLUCOSACCHARIDE,
PROCEDE DE PREPARATION ET
UTILISATION ASSOCIES**
[72] MIYAKE, TOSHIO, JP
[72] FUKUDA, SHIGEHARU, JP
[72] HIGASHIYAMA, TAKANOBU, JP
[72] KUBOTA, MICHIO, JP
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[54] **MOLECULES POUR LE DIAGNOSTIC ET LA THERAPEUTIQUE**
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[72] LINCOLN, STEPHEN E., US
[72] HODGSON, DAVID M., US
[72] LIU, TOMMY F., US
[72] SPIRO, PETER A., US
[72] YAP, PIERRE E., US
[72] STOCKDREHER, THERESA K., US
[72] AMSHEY, STEFAN, US
[72] ROSEN, BRUCE H., US
[72] YU, JIMMY Y., US
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[72] GREENAWALT, LILA B., US
[72] ROSEBERRY, ANN M., US
[72] JONES, ANISSA LEE, US
[72] WRIGHT, RACHEL J., US
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[72] DUFOUR, GERARD E., US
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[72] CHALUP, MICHAEL S., US
[72] SHAH, PURVI, US
[72] FONG, WILLY T., US
[72] BANVILLE, STEVEN C., US
[72] CHEN, WENSHENG, US
[71] INCYTE GENOMICS, INC., US
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[13] A1

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[25] EN
[54] **NUCLEIC ACID MOLECULES FOR DETECTING BACTERIA AND PHYLOGENETIC UNITS OF BACTERIA**
[54] **MOLECULES D'ACIDE NUCLEIQUE DESTINEES A LA DETECTION DE BACTERIES ET D'UNITES PHYLOGENETIQUES DE BACTERIES**
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[72] BERGHOF, KORNELIA, DE
[71] BIOTECON DIAGNOSTICS GMBH, DE
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[25] EN
[54] **MOLECULES FOR DISEASE DETECTION AND TREATMENT**
[54] **MOLECULES DE DETECTION ET DE TRAITEMENT DE MALADIES**
[72] ROSEBERRY, ANN M., US
[72] YU, JIMMY Y., US
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[72] LIU, TOMMY F., US
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[13] A1

[51] **Int.Cl. 7C12N 15/57 7C12N 9/48**
[25] EN
[54] **HUMAN ENDOTHELIN CONVERTING ENZYME-LIKE PROTEINS AND POLYNUCLEOTIDES ENCODING THE SAME**
[54] **NOUVELLES PROTEINES HUMAINES DU TYPE ENZYME DE CONVERSION DE L'ENDOTHELINE ET POLYNUCLEOTIDES LES CODANT**
[72] FRIEDRICH, GLENN, US
[72] DONOHO, GREGORY, US
[72] NEHLS, MICHAEL, DE
[72] TURNER, C. ALEXANDER JR., US
[72] SANDS, ARTHUR T., US
[72] ZAMBROWICZ, BRIAN, US
[71] LEXICON GENETICS INCORPORATED, US
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[25] EN
[54] **PRODUCTION OF RECOMBINANT AAV USING ADENOVIRUS COMPRISING AAV REP/CAP GENES**
[54] **PRODUCTION DE VIRUS ASSOCIES A L'ADENOVIRUS (AAV) RECOMBINANTS METTANT EN OEUVRE UN ADENOVIRUS COMPRENANT DES GENES REP/CAP ASSOCIES A L'ADENOVIRUS**
[72] CHEN, HAIFENG, US
[72] KURTZMAN, GARY, US
[71] GENOVO INCORPORATED, US
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[87] 2001-04-12 (WO2001/025462)
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[25] EN
[54] **METHODS TO IDENTIFY COMPOUNDS THAT MODULATE NEURONAL ACTIVITY**
[54] **PROCEDE PERMETTANT D'IDENTIFIER DES COMPOSANTS MODULANT L'ACTIVITE NEURONALE**
[72] SNUTCH, TERRANCE P., CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[87] 2001-04-19 (WO2001/027630)
[30] US (60/159,095) 1999-10-13

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[13] A1

[51] **Int.Cl. 7C12N 9/42**
[25] EN
[54] **METHOD TO IMPROVE THE STABILITY AND BROADEN THE PH RANGE OF FAMILY G/11 XYLANASES**
[54] **PROCEDE PERMETTANT D'AMELIORER LA STABILITE DE LA GAMME DE PH DE XYLANASES DE LA FAMILLE G/11 ET D'ELARGIR CETTE GAMME**
[72] TURUNEN, OSSI, FI
[72] LEISOLA, MATTI, FI
[72] FENEL, FRED, FI
[71] CARBOZYME OY, FI
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[86] 2000-10-12 (PCT/FI2000/000877)
[87] 2001-04-19 (WO2001/027252)
[30] FI (19992186) 1999-10-12
[30] US (60/163,283) 1999-11-03
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS OF FIBRINOLYTIC AGENT**
[54] **COMPOSITIONS PHARMACEUTIQUES D'AGENT FIBRINOLYTIQUE**
[72] PETERSON, BRIAN, US
[72] KENDRICK, BRENT S., US
[71] AMGEN INC., US
[85] 2002-03-26
[86] 2000-09-29 (PCT/US2000/027022)
[87] 2001-04-12 (WO2001/024817)
[30] US (09/411,335) 1999-10-01

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[25] EN
[54] **ANIMAL MODEL FOR MESANGIAL PROLIFERATIVE NEPHRITIS**
[54] **MODELE ANIMAL POUR NEPHRITE PROLIFERATIVE MESANGIALE**
[72] MIYATA, TOSHIO, JP
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[71] KUROKAWA, KIYOSHI, JP
[85] 2002-03-28
[86] 2000-10-06 (PCT/JP2000/006988)
[87] 2001-04-12 (WO2001/024628)
[30] JP (11/285736) 1999-10-06

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[51] **Int.Cl. 7C12N 15/10 7C12N 9/02 7C07K 14/435 7C12Q 1/68**
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[54] **PRODUCTION OF FUNCTIONAL HYBRID GENES AND PROTEINS**
[54] **PRODUCTION DE GENES ET DE PROTEINES HYBRIDES FONCTIONNELS**
[72] ZHANG, JI-HU, US
[72] SIEBER, VOLKER, US
[72] ARNOLD, FRANCES, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2002-03-28
[86] 2000-10-27 (PCT/US2000/029717)
[87] 2001-05-03 (WO2001/030998)
[30] US (60/161,850) 1999-10-27
[30] US (60/161,852) 1999-10-27
[30] US (09/672,629) 2000-09-28
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[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 9/02 7C07K 14/415 7C12Q 1/68**
[25] EN
[54] **PLANT FATTY ACID DESATURASES AND ALLELES THEREFOR**
[54] **DESATURASES D'ACIDES GRAS VEGETAUX ET ALLELES CORRESPONDANTS**
[72] SOMERS, DARYL, CA
[72] RAKOW, GERHARD, CA
[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD CANADA, CA
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[30] CA (2,284,246) 1999-10-01

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[54] **PROCEDE DE SEQUENCAGE DE L'ADN**
[72] DENSHAM, DANIEL HENRY, GB
[71] MEDICAL BIOSYSTEMS LTD., GB
[85] 2002-04-05
[86] 2000-10-06 (PCT/GB2000/003860)
[87] 2001-04-12 (WO2001/025480)
[30] GB (9923644.0) 1999-10-06

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[51] **Int.Cl. 7C12N 15/85 7C12N 5/10 7C12N 15/67 7C07K 14/715**
[25] EN
[54] **VECTORS AND METHODS FOR RECOMBINANT PROTEIN EXPRESSION**
[54] **VECTEURS ET PROCEDES D'EXPRESSION DE PROTEINES DE RECOMBINAISON**
[72] MCGREW, JEFFREY T., US
[71] IMMUNEX CORPORATION, US
[85] 2002-04-03
[86] 2000-10-12 (PCT/US2000/028431)
[87] 2001-04-19 (WO2001/027299)
[30] US (60/159,177) 1999-10-13

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[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 14/72**
[25] EN
[54] **NOVEL HUMAN MEMBRANE PROTEINS**
[54] **NOUVELLES PROTEINES MEMBRANAIRES HUMAINES**
[72] ZAMBROWICZ, BRIAN, US
[72] FRIEDERICH, GLENN, US
[72] NEHLS, MICHAEL, DE
[72] TURNER, C. ALEXANDER, US
[72] OLSON, ANDREW, US
[72] SANDS, ARTHUR T., US
[71] LEXICON GENETICS INCORPORATED, US
[85] 2002-03-28
[86] 2000-10-02 (PCT/US2000/027067)
[87] 2001-04-12 (WO2001/025430)
[30] US (60/156,996) 1999-10-01

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[13] A1

[51] **Int.Cl. 7C12N 5/06 7A61K 35/00 7C12N 5/10 7C12N 15/11 7C07K 14/47**
[25] EN
[54] **C-MYC ANTISENSE-TREATED HEMATOPOIETIC STEM CELL COMPOSITION AND METHOD**
[54] **COMPOSITION DE CELLULES SOUCHES HEMATOPOIETIQUES TRAITÉES AVEC C-MYC ANTISENS ET PROCÉDE**
[72] BARTELMEZ, STEPHEN H., US
[72] IVERSEN, PATRICK L., US
[71] AVI BIOPHARMA, INC., US
[85] 2002-03-28
[86] 2000-10-04 (PCT/US2000/027311)
[87] 2001-04-12 (WO2001/025405)
[30] US (60/158,575) 1999-10-07

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[25] EN
[54] **HUMAN INWARDLY RECTIFYING POTASSIUM CHANNEL SUBUNIT**
[54] **SOUS-UNITE DE CANAL POTASSIQUE HUMAIN DE RECTIFICATION VERS L'INTERIEUR**
[72] SWANSON, RICHARD J., US
[72] LIU, YUAN, US
[72] MCKENNA, EDWARD, US
[71] MERCK & CO., INC., US
[85] 2002-04-03
[86] 2000-09-29 (PCT/US2000/026996)
[87] 2001-04-12 (WO2001/025258)
[30] US (60/157,491) 1999-10-04

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[13] A1

[51] **Int.Cl. 7C12N 15/09 7C07K 11/00 7C12P 21/02 7C12N 5/10**
[25] EN
[54] **TRANSFORMANT PRODUCING SECONDARY METABOLITE MODIFIED WITH FUNCTIONAL GROUP AND NOVEL BIOSYNTHESIS GENES**
[54] **TRANSFORMANT PRODUISANT UN METABOLITE SECONDAIRE MODIFIÉ PAR UN GROUPE FONCTIONNEL ET NOUVEAUX GENES DE BIOSYNTHESE**
[72] YASUDA, SHOHEI, JP
[72] WATANABE, MANABU, JP
[72] MIYAMOTO, KOICHI, JP
[72] MIDOH, NAOKI, JP
[72] MURAKAMI, TAKESHI, JP
[72] YANAI, KOJI, JP
[72] OKAKURA, KAORU, JP
[71] MEIJI SEIKA KAISHA, LTD., JP
[85] 2002-03-28
[86] 2000-09-29 (PCT/JP2000/006783)
[87] 2001-04-05 (WO2001/023542)
[30] JP (11/276314) 1999-09-29

[21] **2,386,289**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 19/00 7C12N 15/00 7C07H 21/02 7C12N 1/20**
[25] EN
[54] **MULTIMERIZED DBH ENHANCER DOMAINS**
[54] **DOMAINES MULTIMERISES D'ACTIVATEURS DBH**
[72] KIM, KWANG-SOO, US
[71] THE MCLEAN HOSPITAL CORPORATION, US
[85] 2002-04-03
[86] 2000-10-16 (PCT/US2000/028643)
[87] 2001-04-26 (WO2001/028994)
[30] US (60/159,695) 1999-10-15

[21] **2,386,307**
[13] A1

[51] **Int.Cl. 7A61K 47/48**
[25] EN
[54] **BINDING AGENTS**
[54] **AGENTS DE LIAISON**
[72] SEWELL, ANDREW, GB
[72] CERUNDOLO, VINCENZO, GB
[72] PHILLIPS, RODNEY E., GB
[72] DUNBAR, PETER RODERICK, GB
[71] ISIS INNOVATION LTD., GB
[85] 2002-04-03
[86] 2000-10-04 (PCT/GB2000/003792)
[87] 2001-04-12 (WO2001/024829)
[30] GB (9923337.1) 1999-10-04

[21] **2,386,398**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61P 19/02 7A61K 38/10 7G01N 33/68**
[25] EN
[54] **MODIFIED PEPTIDES AND PEPTIDOMIMETICS FOR USE IN IMMUNOTHERAPY**
[54] **PEPTIDES ET PEPTIDOMIMETIQUES MODIFIES DESTINES A L'IMMUNOTHERAPIE**
[72] KNEGTEL, RNALDUS MARCELLUS ALPHONSUS, GB
[72] MILTENBURG, ANDREAS MARTINUS MARIA, NL
[72] BOOTS, ANNA MARIA HELENA, NL
[72] TIMMERS, CORNELIS MARIUS, NL
[72] GALEN VAN, PHILIPPUS JOHANNES MARIE, NL
[72] VAN STAVEREN, CATHERINA JOANNA, NL
[71] AKZO NOBEL N.V., NL
[85] 2002-04-05
[86] 2000-10-12 (PCT/EP2000/010230)
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[51] **Int.Cl. 7C12N 15/53 7C07J 75/00**
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[25] FR
[54] **PROCEDE DE PREPARATION DE**
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[54] **METHOD FOR PREPARING**
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[72] CAUET, GILLES, FR
[72] DEGRYSE, ERIC, FR
[72] VICO, PEDRO, FR
[72] LATHE, RICHARD, GB
[71] TRANSGENE S.A., FR
[85] 2002-04-03
[86] 2000-10-04 (PCT/FR2000/002753)
[87] 2001-04-12 (WO2001/025469)
[30] FR (99/12410) 1999-10-05

[21] **2,386,471**
[13] A1
[51] **Int.Cl. 7C12N 15/62 7C07K 19/00**
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[25] EN
[54] **PURIFICATION OF**
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[54] **PURIFICATION DE PROTEINES**
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[72] HERNAN, RON, US
[72] BRIZZARD, BILL, US
[71] SIGMA-ALDRICH CO., US
[85] 2002-04-02
[86] 2000-09-20 (PCT/US2000/025693)
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[21] **2,386,555**
[13] A1
[51] **Int.Cl. 7C07K 5/00 7C07H 21/02**
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[25] EN
[54] **GAMMA-CARBOXYGLUTAMATE**
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[54] **GAMMA-CARBOXYGLUTAMATE**
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[72] WATKINS, MAREN, US
[72] JONES, ROBERT M., US
[72] GARRETT, JAMES E., US
[72] MCINTOSH, J. MICHAEL, US
[72] OLIVERA, BALDOMERO M., US
[72] WALKER, CRAIG S., US
[71] COGNETIX, INC., US
[71] UNIVERSITY OF UTAH RESEARCH
FOUNDATION, US
[85] 2002-03-08
[86] 2000-09-08 (PCT/US2000/024816)
[87] 2001-03-15 (WO2001/018033)
[30] US (60/153,034) 1999-09-10
[30] US (60/219,673) 2000-07-21

[21] **2,386,670**
[13] A1
[51] **Int.Cl. 7G01R 31/3185**
[25] EN
[54] **METHOD AND APPARATUS FOR**
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[54] **PROCEDE ET DISPOSITIF DE**
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[72] BUCK, DAVID P., US
[72] NADEAU-DOSTIE, BENOIT, CA
[71] LOGICVISION, INC., US
[85] 2002-06-19
[86] 2000-10-20 (PCT/CA2000/001267)
[87] 2001-05-10 (WO2001/033237)
[30] US (09/430,686) 1999-10-29

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[13] A1
[51] **Int.Cl. 7A61K 38/14 7A61K 48/00**
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[54] **NON-INVASIVE TUMOR IMAGING**
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[54] **IMAGERIE NON INVASIVE DE**
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[72] KING, IVAN CHEUNG-LAM, US
[72] BERMUDES, DAVID G., US
[72] BLASBERG, RONALD G., US
[72] TJUVAJEV, JURI G., US
[71] VION PHARMACEUTICALS, INC.,
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[71] SLOAN-KETTERING INSTITUTE
FOR CANCER RESEARCH, US
[85] 2002-04-02
[86] 2000-10-04 (PCT/US2000/027397)
[87] 2001-04-12 (WO2001/025399)
[30] US (60/157,620) 1999-10-04

[21] **2,386,815**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C12N 5/06**
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[25] EN
[54] **GENES DIFFERENTIALLY**
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[54] **COMPOSITIONS**
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[72] COBBOLD, STEPHEN, GB
[72] ZELENKA, DIANA, FR
[72] WALDMANN, HERMAN, GB
[72] ADAMS, ELIZABETH, GB
[71] ISIS INNOVATION LTD., GB
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[86] 2000-10-06 (PCT/GB2000/003821)
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[30] GB (9923790.1) 1999-10-08

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[21] **2,386,834**

[13] A1

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7C12N 15/09 7C12N 15/29 7C12N 15/87**

[25] EN

[54] **NON-TRANSGENIC HERBICIDE
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[54] **PLANTES NON TRANSGENIQUES**

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[72] METZ, RICHARD A., US

[72] WALKER, KEITH A., US

[72] BEETHAM, PETER R., US

[72] AVISSAR, PATRICIA L., US

[71] VALIGEN (US), INC., US

[85] 2002-04-08

[86] 2000-10-10 (PCT/US2000/027941)

[87] 2001-04-12 (WO2001/024615)

[30] US (60/158,027) 1999-10-07

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[21] **2,386,926**

[13] A1

[51] **Int.Cl. 7C07K 16/30 7A61K 39/00
7C07K 16/14 7G01N 33/574**

[25] EN

[54] **ANTIBODY TO HUMAN
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[54] **NOUVEAUX COMPOSES**

[72] NILSON, BO H. K., SE

[72] KEARNEY, PHILLIP P., SE

[72] TORDSSON, M. JESPER, SE

[72] OHLSSON, LENNART G., SE

[72] BRODIN, THOMAS N., SE

[72] KARLSTROM, PIA J., SE

[71] ACTIVE BIOTECH AB, SE

[85] 2002-04-09

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[30] SE (9903895-2) 1999-10-28

[21] **2,386,866**

[13] A1

[51] **Int.Cl. 7C07H 21/04 7A61K 48/00
7C07H 21/02**

[25] EN

[54] **TUMOR SUPPRESSOR**

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[54] **MOLECULES SUPPRESSEURS DE
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[72] WELCH, PETER J., US

[72] BARBER, JACK R., US

[71] IMMUSOL INCORPORATED, US

[85] 2002-04-08

[86] 2000-11-09 (PCT/US2000/030951)

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[30] US (09/438,917) 1999-11-12

[21] **2,386,913**

[13] A1

[51] **Int.Cl. 7C12Q 1/68**

[25] EN

[54] **METHODS FOR EXTERNAL
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[54] **METHODES DE CONTROLE**

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[72] HEID, CHRISTIAN, US

[72] LIVAK, KENNETH J., US

[71] PE CORPORATION (NY), US

[85] 2002-04-08

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[13] A1
[51] **Int.Cl. 7B01F 17/00 7C08K 3/24**
[25] FR
[54] **UTILISATION DE SELS D'ACIDES POLYASPARTIQUES COMME AGENT D'AIDE AU BROYAGE**
[54] **THE USE OF POLYASPARTIC ACID SALTS AS A GRINDING AGENT**
[72] SUAU, JEAN-MARC, FR
[72] JACQUEMET, CHRISTIAN, FR
[72] MONGOIN, JACQUES, FR
[71] COATEX S.A.S., FR
[22] 1998-02-13
[43] 1998-08-14
[62] 2,226,642
[30] FR (97 01 973) 1997-02-14

[21] **2,385,414**
[13] A1
[51] **Int.Cl. 7G11C 7/00 7G11C 7/22 7H04N 7/24**
[25] EN
[54] **DATA REPRODUCING DEVICE AND DATA RECORDING MEDIUM**
[54] **DISPOSITIF DE REPRODUCTION DE DONNEES ET SUPPORT D'ENREGISTREMENT DE DONNEES**
[72] KAWAMURA, MAKOTO, JP
[72] FUJINAMI, YASUSHI, JP
[71] SONY CORPORATION, JP
[22] 1994-12-19
[43] 1995-06-22
[62] 2,154,582
[30] JP (PO5-344012) 1993-12-18

[21] **2,387,356**
[13] A1
[51] **Int.Cl. 7C07H 17/08 7A61K 31/7048**
[25] EN
[54] **CRYSTAL FORM 0 OF CLARITHROMYCIN**
[54] **FORME CRYSTALLINE 0 DE CLARITHROMYCINE**
[72] LIU, JIH-HUA, US
[72] RILEY, DAVID A., US
[72] HENRY, RODGER F., US
[72] SPANTON, STEPHEN G., US
[71] ABBOTT LABORATORIES, US
[22] 1997-12-19
[43] 1998-07-23
[62] 2,277,274
[30] US (08/785,623) 1997-01-17

[21] **2,381,458**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07K 16/00 7A61K 39/395 7C12N 15/63**
[25] EN
[54] **PROCESS FOR CONSTRUCTING A CDNA LIBRARY AND A NOVEL POLYPEPTIDE AND DNA CODING THE SAME**
[54] **PROCEDE DE CONSTRUCTION D'UNE D'ADNC, NOUVEAU POLYPEPTIDE ET ADN CODANT CE POLYPEPTIDE**
[72] TADA, HIDEAKI, JP
[72] TASHIRO, KEI, JP
[72] HONJO, TASUKU, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[71] HONJO, TASUKU, JP
[22] 1994-01-13
[43] 1994-07-15
[62] 2,113,363
[30] JP (5-22098) 1993-01-14

[21] **2,385,422**
[13] A1
[51] **Int.Cl. 7G11C 7/00 7G11C 7/24 7H04N 7/24**
[25] EN
[54] **DATA REPRODUCING DEVICE AND DATA RECORDING MEDIUM**
[54] **DISPOSITIF DE REPRODUCTION DE DONNEES ET SUPPORT D'ENREGISTREMENT DE DONNEES**
[72] KAWAMURA, MAKOTO, JP
[72] FUJINAMI, YASUSHI, JP
[71] SONY CORPORATION, JP
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[43] 1995-06-22
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[21] **2,387,361**
[13] A1
[51] **Int.Cl. 7C07H 17/08 7A61K 31/7048**
[25] EN
[54] **CRYSTAL FORM 0 OF CLARITHROMYCIN**
[54] **FORME CRYSTALLINE 0 DE CLARITHROMYCINE**
[72] HENRY, RODGER F., US
[72] LIU, JIH-HUA, US
[72] RILEY, DAVID A., US
[72] SPANTON, STEPHEN G., US
[71] ABBOTT LABORATORIES, US
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		BERNDT, WOLF-DIETER R.	2,378,940		

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CHOI, SUNG-HO	2,378,404	DARLINGTON, JERALD W., JR.	2,379,145	ENGINEERING COMPANY	2,379,369
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KILFEATHER, JAMES B.	2,378,727	LEEDS, HARRY D.	2,380,112	MCKENNA, EDWARD	2,386,236
KIM, JAE-YOEL	2,378,404	LEEHR, WILLIAM H.	2,379,202	MCNAUGHTON-SMITH, GRANT ANDREW	2,378,241
KIM, JONG GIL	2,376,254	LEFEVRE, HERVE	2,379,080	MEDICAL BIOSYSTEMS LTD.	2,386,115
KIM, KWANG-SOO	2,386,289	LEISOLA, MATTI	2,385,937	MEIJI SEIKA KAISHA, LTD.	2,384,000
KIM, KYOU-WOONG	2,378,404	LEPAK, JONAH	2,378,715	MEIJI SEIKA KAISHA, LTD.	2,384,122
KING, ANDREW DAVID	2,378,948	LEULIET, DAVID	2,379,070	MEIJI SEIKA KAISHA, LTD.	2,386,255
KING, IVAN CHEUNG-LAM	2,386,806	LEVINE, PETER ALAN	2,375,637	MEKIBEL, IGOR YAKOVIEVICH	
KING, WILLIAM	2,376,020	LEWIS, GARETH	2,370,556		2,379,096
KIRIN BEER KABUSHIKI KAISHA	2,382,184	LEWNO, MARK S.	2,375,603	MENDOZA, DENNIS	2,378,049
KLEINKAUF, HORST	2,384,122	LEXICON GENETICS INCORPORATED	2,385,813	MENTESSI, ROLAND A.	2,376,174
KLINKSIEK, BERND	2,379,050	LEXICON GENETICS INCORPORATED	2,386,189	MERCK & CO., INC.	2,384,151
KLINKSIEK, BERND	2,379,116	LEYSEN, DIRK	2,379,223	MERCK & CO., INC.	2,386,236
KLUTH, JOACHIM	2,379,026	LIANG, SIDNEY XI	2,378,879	MERCK FROSST CANADA & CO.	2,378,834
KNEGTEL, RNALDUS		LIGI TECNOLOGIE MEDICALI S.R.L.	2,375,772	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,382,183
MARCELLUS ALPHONSUS	2,386,398	LIN, HO-SHEN	2,379,208	METAL STORM LIMITED	2,378,858
KOBAYASHI, AYAKO	2,379,127	LINCOLN, STEPHEN E.	2,385,496	METSO PAPER, INC.	2,378,640
KOHLMAN, DANIEL TIMOTHY	2,378,879	LINCOLN, STEPHEN E.	2,385,791	METZ, BERND	2,379,077
KONCSEK, JOSEPH L.	2,379,091	LINDROOS, MIRJA	2,378,927	METZ, RICHARD A.	2,386,834
KONINKLIJKE KPN N.V.	2,379,046	LINSLEY, PETER S.	2,378,933	MEYER, FRIEDRICH	2,378,716
KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,378,732	LIOY, MARCELLO	2,379,126	M-I.L.L.C.	2,378,952
KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,378,758	LIU, GUOJUN	2,378,759	MIADOCK, JAMES R.	2,376,174
KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,379,051	LIU, KE	2,379,142	MICRO MOTION, INC.	2,378,746
		LIU, TOMMY F.	2,385,496	MICRO THERAPEUTICS, INC.	2,379,442
		LIU, TOMMY F.	2,385,791	MIDOH, NAOKI	2,384,122
		LIU, YONGQIAN	2,376,036	MIDOH, NAOKI	2,386,255
		LIU, YUAN	2,386,236		
		LIVAK, KENNETH J.	2,386,913		
		LOGEART, DOMINIQUE	2,379,073		

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MILLER, CRAIG TIMOTHY	2,379,141	NIELSEN & BAINBRIDGE LLC	2,379,066	PERKINS ENGINES COMPANY	
MILLER, MATTHEW T.	2,378,863	NIELSEN, INGER MANN	2,377,682	LIMITED	2,378,805
MILLER, SHAWN		NIELSEN, PER OLE	2,377,682	PERL, JOHN II	2,379,442
CHRISTOPHER	2,378,878	NIKITINE, ALEXANDRE	2,378,867	PETERS, MICHIEL GERARD	2,379,046
MILO, ALFRED	2,374,981	NIKON RIKEN CO., LTD.	2,379,120	PETERSON, BRIAN	2,385,966
MILTENBURG, ANDREAS		NILSON, BO H. K.	2,386,926	PETITJEAN, MAURICE	2,379,070
MARTINUS MARIA	2,386,398	NIPPON KAYAKU KABUSHIKI		PEYMAN, ANUSCHIRWAN	2,379,086
MING, XINTIAN	2,376,020	KAISHA	2,379,139	PHARMASOL GMBH	2,375,556
MINNESOTA CORN		NIPPON STEEL CORPORATION	2,377,876	PHILLIPS, RODNEY E.	2,386,307
PROCESSORS LLC	2,379,106	NISHIMOTO, IKUO	2,385,444	PHOTONETICS	2,379,080
MIYAKE, TOSHIO	2,385,465	NISHINO, SHIGEYOSHI	2,379,294	PHOTONICS RESEARCH	
MIYAMOTO, KOICHI	2,384,122	NOGUERA-RODRIGUEZ, JUAN	2,379,159	ONTARIO	2,375,760
MIYAMOTO, KOICHI	2,386,255	NOKIA CORPORATION	2,377,993	PICCOLO, ORESTE	2,379,047
MIYATA, TOSHIO	2,385,984	NOKIA CORPORATION	2,378,434	PIERRE FABRE MÉDICAMENT	2,385,404
MIYAZAKI, MASAFUMI	2,377,876	NOKIA CORPORATION	2,380,294	PITSON, STUART MAXWELL	2,372,541
MLASKO, TORSTEN	2,379,017	NORDISCHER MASCHINENBAU		PLAYTEX PRODUCTS, INC.	2,379,419
MOBIL OIL CORPORATION	2,379,142	RUD. BAADER GMBH +		PLUM, BARTHOLOMEUS	
MOBIL OIL CORPORATION	2,379,315	CO. KG	2,375,766	JOHANNES MAGRETHA	2,379,042
MOBIL OIL CORPORATION	2,379,364	NORDISCHER MASCHINENBAU		POINTON, DAVID WELLINGS	2,378,950
MOHAMMADI, MANSUR		RUD. BAADER GMBH +		POINTON, DAVID WELLINGS	2,379,066
SULTAN	2,379,886	CO. KG	2,375,770	PONTZEN, ROLF	2,378,962
MONTEYNE, GUIDO	2,379,267	NORENBERG, RALF	2,379,036	PONTZEN, ROLF	2,379,026
MONTSERRATT, ERNEST	2,379,063	NOTELE, GREET RENEE ELS		POULSEN, Mogens RYSHOLT	2,378,972
MOON, HI-CHAN	2,378,404	FRANCINE	2,378,958	POWERMED, INC.	2,375,777
MORI, MASA AKI	2,383,147	NOVEMBER		PPG INDUSTRIES OHIO, INC.	2,379,202
MORRISON, EUAN	2,378,410	AKTIENGESELLSCHAFT		PRAT QUINONES, MARIA	2,381,165
MOSER, RUDOLF	2,378,852	GESELLSCHAFT FUR		PRICE, KENNETH N.	2,379,036
MOSER, RUDOLF	2,378,869	MOLEKULARE MEDIZIN	2,382,898	PRICE, KENNETH NATHAN	2,378,897
MOTOROLA, INC.	2,378,166	OCCUPATIONAL & MEDICAL		PRICE, KENNETH NATHAN	2,378,903
MOTOROLA, INC.	2,379,122	INNOVATIONS PTY LTD.	2,378,152	PROFIL	
MOTOROLA, INC.	2,379,131	ODA, HIROYUKI	2,377,892	VERBINDUNGSTECHNIK	
MOZES, JULIANNA	2,373,544	O'DWYER, JAMES MICHAEL	2,378,858	GMBH & CO. KG	2,378,812
MUH, UTE	2,383,743	OHLSSON, LENNART G.	2,386,926	PROFIL	
MULLANEY, JEFFREY THOMAS		OISO, SHOJI	2,379,139	VERBINDUNGSTECHNIK	
	2,378,878	OKA, HIDEKI	2,377,876	GMBH & CO. KG	2,378,817
MULLAY, JOHN J.	2,378,505	OKAKURA, KAORU	2,384,122	PROSPECTIVE CONCEPTS AG	2,379,027
MULLER, HANS RUDOLF	2,378,852	OKAKURA, KAORU	2,386,255	PUGH, JEREMY	2,375,987
MULLER, HANS RUDOLF	2,378,869	OKU, NORIAKI	2,378,848	PUGIN, BENOIT	2,378,852
MULLER, KLAUS-HELMUT	2,379,026	OLIVERA, BALDOMERO M.	2,386,555	QUALCOMM INCORPORATED	2,378,626
MULLER, RAINER HELMUT	2,375,556	OLSEN, TIMOTHY R.	2,379,148	QUALCOMM INCORPORATED	2,379,126
MUN, HYUN-JUNG	2,378,404	OLSON, ANDREW	2,386,189	QUANTUMBEAM LIMITED	2,378,410
MURAKAMI, TAKESHI	2,384,000	OLSON, WILLIAM	2,378,166	QUICK, RICHARD L.	2,378,071
MURAKAMI, TAKESHI	2,384,122	OLSON, WILLIAM	2,379,131	QUINTANA ANGULO, JOSE	
MURAKAMI, TAKESHI	2,386,255	ONG, ROBIN Y. P.	2,384,367	RAMON	2,381,121
MYER, AARON L.	2,379,056	ONO, YOSHITAKA	2,379,109	QUORUM SCIENCES, INC.	2,383,743
NADEAU-DOSTIE, BENOIT	2,386,670	OPAL LIMITED	2,378,969	RAKOW, GERHARD	2,386,111
NAGY, ZSUZSANNA	2,373,544	OPTECTRON INDUSTRIES	2,378,694	RALEA, MIHAI	2,378,926
NAIRNE, ROBERT JAMES		ORTHO-MCNEIL		RAMEE, STEPHEN	2,378,715
DOMETT	2,382,324	PHARMACEUTICAL, INC.	2,379,149	RASIMUS, RAIMO	2,378,927
NAKAJIMA, HIDEO	2,378,825	OSHITA, KAZUYUKI	2,374,957	RATA, ILKKA	2,378,640
NAKAYAMA, MITSURU	2,377,876	OWENS CORNING	2,379,083	REED, JOHN C.	2,379,264
NALCO CHEMICAL COMPANY	2,378,850	PACKES, JOHN M., JR.	2,373,367	REINHARD, MATTHEW	
NAMPALLI, SATYAAM	2,381,206	PALLET, IAN	2,378,750	ROBERT	2,378,878
NAPIER ENVIRONMENTAL		PANNU, SUKBIR SINGH	2,378,948	REITZ, ALLEN B.	2,379,149
TECHNOLOGIES INC.	2,378,886	PANTUSO, FRANCIS PAUL	2,375,637	RENATI, RICHARD	2,378,715
NARIMAN, KHUSHRAV E.	2,379,315	PANZER, SCOTT R.	2,385,496	RESEARCH DEVELOPMENT	
NATIONAL INSTITUTE OF		PANZER, SCOTT R.	2,385,791	FOUNDATION	2,375,943
ADVANCED INDUSTRIAL		PARK, SEONG-ILL	2,378,404	REVAAX PHARMACEUTICALS,	
SCIENCE AND		PARKER, SIMON GEOFFREY	2,373,538	LLC	2,380,820
TECHNOLOGY	2,382,184	PARKS, CLINTON R.	2,379,310	REXAM SOFAB	2,379,070
NEHLS, MICHAEL	2,385,813	PARTRIDGE, CHARLES W.	2,379,049	REYNOLDS, MICHAEL	2,378,410
NEHLS, MICHAEL	2,386,189	PARTRIDGE, CHARLES W.	2,379,056	RHODIA INC.	2,376,020
NELSON, JOHN	2,381,206	PARVIAINEN, SEppo	2,378,640	RICETT, MICHAEL ENRICO	2,379,208
NERO, REGIS J., JR.	2,374,437	PATTERSON, MICHAEL S.	2,375,760	RIEBALKIN, PAT	2,378,750
NEWTEC CY.	2,379,151	PE CORPORATION (NY)	2,378,091	RIED, ROBERT P.	2,378,725
NG, RICHARD	2,378,166	PE CORPORATION (NY)	2,386,913	RIESOP, JORG	2,378,935
NG, RICHARD	2,379,131	PEACOCK, LAWRENCE A.	2,375,055	RISING, DONALD L.	2,378,865
NGK INSULATORS, LTD.	2,374,957	PEDEX & CO. GMBH	2,375,761	RIVAS, JESUS DAVID	2,378,844
NGUYEN, DUYN VUONG	2,375,065	PELLICONI, ANTEO	2,379,057		

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ROBERT BOSCH GMBH	2,379,017	SHAH, PURVI	2,385,496	SZAPACS, EDWARD MICHAEL	2,375,065
RODRIGUEZ, DOROTHY	2,379,373	SHAH, PURVI	2,385,791	TABEL, TORU	2,379,139
ROHM AND HAAS COMPANY	2,375,065	SHELLEY, STUART J.	2,378,746	TABLE TOTER, INC.	2,380,112
ROHRBAUGH, ROBERT H.	2,379,036	SHERMAN, NIGEL EDWARD	2,378,948	TAKEDA CHEMICAL INDUSTRIES, LTD.	2,379,127
ROLLMANN, LOUIS D.	2,379,364	SHIELDS, TED M.	2,379,072	TAKEDA CHEMICAL INDUSTRIES, LTD.	2,383,147
ROMASCHIN, ALEXANDER D.	2,381,038	SHIMMA, YOH-ICHI	2,382,184	TAKEKAWA, SHIRO	2,383,147
RONNIN, CHRISTOPHE	2,377,433	SHIMOMURA, YUKIO	2,383,147	TAKEUCHI, EIICHI	2,377,876
ROSCHE, CHRISTOF	2,378,756	SHINGAROV, BORIS	2,377,945	TAKEUCHI, MAKOTO (deceased)	2,382,184
ROSEBERRY, ANN M.	2,385,496	SHIONOGI & CO., LTD.	2,385,406	TDA RESEARCH, INC.	2,378,773
ROSEBERRY, ANN M.	2,385,791	SHIRLEY, ARTHUR R., JR.	2,375,055	TEDESCO, DANIEL E.	2,373,367
ROSEN, BRUCE H.	2,385,496	SIDMAR N.V.	2,379,267	TEDESCO, DANIEL E.	2,377,887
ROSEN, BRUCE H.	2,385,791	SIEBER, VOLKER	2,386,090	TEISSIE, JUSTIN	2,365,322
ROSEN, YOSEF	2,378,983	SIEMENS	2,378,384	TEITTINEN, MARKO	2,379,415
ROSENOW, CARSTEN	2,378,854	AKTIENGESELLSCHAFT SIEMENS	2,379,150	TELCORDIA TECHNOLOGIES, INC.	2,378,839
ROSENTHAL, UWE	2,379,019	AKTIENGESELLSCHAFT SIGMA-ALDRICH CO.	2,386,471	TELEFONAKTIEBOLAGET LM ERICSSON	2,378,394
ROSETTA INPHARMATICS, INC.	2,378,933	SIGMA-TAU INDUSTRIE FARMACEUTICHE	2,379,047	TELEFONAKTIEBOLAGET LM ERICSSON	2,379,159
ROSS, RONALD JR.	2,375,065	RIUNITE S.P.A.	2,379,124	TELEFONAKTIEBOLAGET LM ERICSSON	2,379,167
ROSSETTI, SALVATORE JOSEPH	2,379,369	SIGNAROLDI, TERESIO	2,378,928	TERRILL, STEPHEN CHRISTOPHER	2,379,159
ROUSSEL, GILLES	2,379,081	SIGNATURE BIOSCIENCE, INC.	2,379,102	TESSMER, GERO	2,378,956
RUBEN, STEVEN M.	2,378,929	SIGNATURE BIOSCIENCE, INC.	2,379,102	TFX MEDICAL EXTRUSION PRODUCTS	2,378,853
RUBINGH, DONN NELTON	2,379,729	SILGAN CONTAINERS CORPORATION	2,376,416	THAYER MEDICAL CORPORATION	2,378,906
RUOTSALAINEN, HARRI	2,378,640	SKINNER, CHRISTOPHER JOHN	2,378,959	THE B.F. GOODRICH COMPANY	2,378,926
RUSSELL, BRUCE M.	2,379,265	SLADEK, DAVID T.	2,378,906	THE BOEING COMPANY	2,379,091
RUSSO, FRANK D.	2,385,496	SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	2,386,806	THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	2,384,115
RUSSO, FRANK D.	2,385,791	SMITH, CLIFFORD	2,382,324	THE BURNHAM INSTITUTE	2,379,264
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SAFE TRANSPORTATION SYSTEMS INC.	2,378,750	SMITH, GEORGE W.	2,375,943	THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE CRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES, THE NATIONAL INSTITUTES OF HEALTH	2,375,034
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SALAHIEH, AMR	2,378,715	SMITH, MITCHELL D.	2,378,391	THE MCLEAN HOSPITAL CORPORATION	2,386,289
SALAT, JANOS	2,373,544	SMITH, MORRIS E.	2,378,505	THE MEAD CORPORATION	2,379,328
SALLES, JEAN-PIERRE	2,374,411	SMITH, SCOTT A.	2,378,088	THE PROCTER & GAMBLE COMPANY	2,378,513
SAMSUNG ELECTRONICS CO., LTD.	2,378,404	SNUTCH, TERRANCE P.	2,385,907	THE PROCTER & GAMBLE COMPANY	2,378,897
SANAI, YASUYUKI	2,379,418	SOLMAN, SAMIR S.	2,378,626	THE PROCTER & GAMBLE COMPANY	2,378,903
SANDBACH, DAVID, ROY	2,378,513	SOLMETEX, INC.	2,379,072	THE PROCTER & GAMBLE COMPANY	2,378,958
SANDERS, BOBBY W.	2,379,091	SOLVISION INC.	2,378,867	THE PROCTER & GAMBLE COMPANY	2,379,729
SANDS, ARTHUR T.	2,385,813	SOLYSTIC	2,378,731	THE SECRETARY OF STATE FOR DEFENCE	2,382,067
SANDS, ARTHUR T.	2,386,189	SOMERS, DARYL	2,386,111	THE STANDARD OIL COMPANY	2,379,141
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SANOFI-SYNTHELABO	2,378,855	SONY CORPORATION	2,379,084		
SANOUEIRA, JAMES	2,379,419	SONY CORPORATION	2,379,089		
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SCHWEIZER, ROBERT A.	2,379,083	STOUGHTON, ROLAND	2,378,933		
SCOTT, VERONIQUE	2,377,433	STRAIT, MICHAEL A.	2,379,083		
SEKI, KAZUMI	2,377,876	SUICHI, ISAO	2,377,876		
SENG, STEPHEN	2,379,083	SULLIVAN, MARK C.	2,378,727		
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THEXTON, REX	2,379,148	VERNHES, MARIE-CHRISTINE	2,365,322	YAKAN, HANI	2,378,939
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TIMMERS, CORNELIS MARIUS	2,386,398	VITOMIR, SERGIO	2,378,886	YANAI, KOJI	2,384,122
TISCHLER, KURT	2,379,150	VLIEGHE, PATRICK	2,374,411	YANAI, KOJI	2,386,255
TITBALL, RICHARD WILLIAM	2,382,067	VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH	2,378,956	YAP, PIERRE E.	2,385,496
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TO, FREDERICK E.	2,379,027	VOM FELDE, MICHAEL	2,379,116	YASUDA, SHOHEI	2,386,255
TOAGOSEI CO., LTD.	2,379,418	WAGNER, RUPERT	2,379,233	YASUMURA, MASAYUKI	2,379,084
TOIVANEN, HEIKKI	2,378,640	WAKAMATSU, SATORU	2,377,892	YASUMURA, MASAYUKI	2,379,089
TOKURA, KATSUHIRO	2,374,957	WALDMANN, HERMAN	2,386,815	YASUTAKE, TETSUYA	2,384,122
TOKUYAMA CORPORATION	2,377,892	WALKER DIGITAL, LLC	2,373,367	YE, TAO	2,378,844
TOLLGRADE COMMUNICATIONS, INC.	2,374,437	WALKER DIGITAL, LLC	2,377,887	YOSHIDA, SATOSHI	2,382,184
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TRANS PHOTONICS, L.L.C.	2,378,130	WALKER, JAY S.	2,373,367	YOUNG, PAUL E.	2,378,929
TRANSGENE S.A.	2,386,419	WALKER, JAY S.	2,377,887	YU, DULI	2,378,725
TRIEBEL, FREDERIC	2,377,433	WALKER, KEITH A.	2,386,834	YU, JIMMY Y.	2,385,496
TROTT, LOUIS ROCCO	2,379,141	WALKER, PAUL M.	2,381,038	YU, JIMMY Y.	2,385,791
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TURNER, C. ALEXANDER	2,386,189	WARE, ROBERT A.	2,379,315	ZAMBROWICZ, BRIAN	2,385,813
TURNER, C. ALEXANDER JR.	2,385,813	WARREN, H. SHAW	2,382,221	ZAMBROWICZ, BRIAN	2,386,189
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TZORI, GILAD	2,378,983	WATANABE, MANABU	2,384,000	ZELENKA, DIANA	2,386,815
UBE INDUSTRIES LTD.	2,379,294	WATANABE, MANABU	2,384,122	ZHANG, JI-HU	2,386,090
UEYAMA, KENJI	2,378,706	WATANABE, MANABU	2,386,255	ZHAO, BOYU	2,379,149
UNI-CHARM CO., LTD.	2,379,032	WATKINS, MAREN	2,386,555	ZIRNGAST, JOHANN	2,378,956
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VALIGEN (US), INC.	2,386,834	WESTBERG, DAVID	2,378,394		
VAN BENTHEM, RUDOLFUS ANTONIUS THEODORUS MARIA	2,379,042	WESTFALL, DAVID L.	2,378,505		
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VAN REIS, ROBERT D.	2,379,413	WHITMAN, MICHAEL P.	2,375,777		
VAN STAVEREN, CATHERINA JOANNA	2,386,398	WHOSCALLING.COM, INC.	2,380,750		
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		WIGLEY, PETER G.	2,376,036		
		WILLIAMS, NORMAN L.	2,378,750		
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		WISSING, SYLVIA	2,375,556		
		WOLF, JOE	2,373,538		
		WOLL, CYNTHIA	2,379,386		
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