

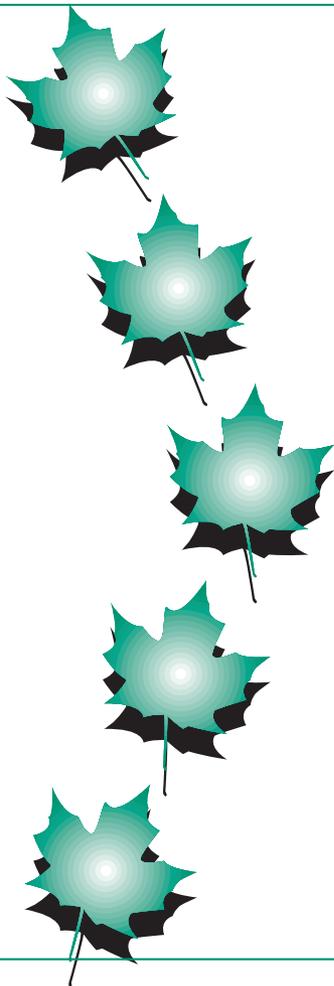


**Canadian
Intellectual Property
Office**

An Agency of
Industry Canada

**Office de la propriété
intellectuelle
du Canada**

Un organisme
d'Industrie Canada



**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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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

- [41] - Open to Public Inspection 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

- [41] - Date de mise à la disposition publique
- [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 28, 2003 and will be published twice a year in the last issues of April and October.

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

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$1 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a copy in electronic form of a document,	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. 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 \$1 per page from the Patent Office.

5. 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-Gatineau, 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.

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 28 octobre 2003 et sera republiée deux fois par année dans le dernier numéro des mois d'avril et d'octobre.

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

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 1 \$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. 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 1 \$ la page.

5. 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-Gatineau, 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.

Notices

6. 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-Gatineau, 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.

7. 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.

8. List of Patents Available for Licence or Sale

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

none

6. 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-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est 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.

7. 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.

8. 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.

aucun

9. 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.

10. 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).

9. 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.

10. 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

11. PATENT COOPERATION TREATY (PCT)

SCHEDULE OF FEES APPLICABLE FROM APRIL 1, 2004

1. Transmittal Fee (Rule 14)	\$300.00
2. *International Filing Fee	\$1394.00
Amount for each additional sheet over 30	\$15.00
3. International Search Fee	\$2520.00

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 Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for 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: International Filing Fee Preliminary Examination
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6. Handling Fee (Rule 57.2(a))	129 Euro
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7. Preliminary Examination Fee (Rule 58)	1530 Euro
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The Preliminary Examination Fees are payable in Euros and should be paid directly to the European Patent Office in Munich. 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 \$100 for all applications filed using PCT-SAFE**

** PCT-SAFE is replacing PCT-EASY.

11. TRAITÉ DE COOPÉRATION EN MATIÈRE DE BREVETS (PCT)

BARÈME DE TAXES À PARTIR DU 1 AVRIL 2004

1. Taxe de transmission (Règle 14)	300,00 \$
2. *Taxe de dépôt internationale (Règle 15.2(a))	1394,00 \$
Montant pour chaque feuille au delà de 30	15,00 \$
3. Taxe de recherche internationale	2520.00 \$

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). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général 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
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6. Taxe de traitement	129 Euro
-----------------------	-----------------

7. Taxe d'examen préliminaire ¹ (Règle 58)	1 530 Euro
---	-------------------

Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets **ne** considérera **pas** les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4989-2399-4465.

* Les frais seront réduits de 100 \$ pour toutes les demandes déposées en utilisant PCT-SAFE**

** PCT-SAFE remplacera PCT-EASY.

12. 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>.

13. Maintenance Fee and Expired Status Information Now Available

April 1, 2004

We are pleased to announce the successful launch of maintenance fee and expired status information on the Canadian Patents Database (CPD) accessible on our Web site (www.cipo.gc.ca).

In August 2003, CIPO successfully launched a new release of the CPD that allowed clients to view administrative status information concerning patents and patent applications free of charge. An additional administrative status field "expired status" was added in January 2004, and as of March 31, 2004, maintenance fee information is available.

Maintenance fee information includes the date and amount of the last payment received, the date and amount of the next payment if the applicant or grantee is a small entity type and the date and amount of the next payment if the applicant or grantee is a large entity type.

12. Avis PCT

Exigences des signatures du PCT

Veuillez 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>.

13. Renseignements relatifs à l'état expiré et aux taxes périodiques maintenant disponibles

1er avril 2004

Nous avons le plaisir d'annoncer que des renseignements concernant l'état expiré et les taxes périodiques sont maintenant affichés dans la Base de données sur les brevets canadiens (BDBC). Ces renseignements sont accessibles par notre site Web (www.opic.gc.ca).

En août 2003, l'OPIC a lancé avec succès une nouvelle version de la BDBC qui permet aux clients de consulter gratuitement des renseignements sur l'état administratif des brevets et des demandes de brevet. Un nouveau champ, « État expiré », a été ajouté aux états administratifs en janvier 2004 et, depuis le 31 mars 2004, des renseignements relatifs aux taxes périodiques sont fournis.

Les renseignements concernant les taxes périodiques comprennent la date et le montant du dernier paiement reçu, la date et le montant du prochain paiement si le requérant ou le breveté est une petite entité et la date et le montant du prochain paiement si le requérant ou le breveté est une grande entité.

Notices

Expired status is defined as: "In cases where all maintenance fees required by section 46 of the *Patent Act* were paid, the day at the end of which the patent term expired, pursuant to section 44 or 45 of the *Patent Act*."

Maintenance fee and expired status information is accessible on the administrative status page of each patent document. For additional information, please visit our Web site (www.cipo.gc.ca).

14. Erratum

Reference to the laid open of the following application referred to in the Canadian Patent Office Record of November 25, 2003 was in error. No application was laid opened under this number.

2,442,504

15. Canadian Laid-Open Applications

The Patent Office Record of April 6, 2004 contains laid-open applications from March 14, 2004 - March 20, 2004

L'état expiré se définit comme suit : « Dans les cas où toutes les taxes périodiques exigées aux termes de l'article 46 de la *Loi sur les brevets* ont été payées, journée à la fin de laquelle la durée du brevet est arrivée à expiration, conformément à l'article 44 ou 45 de la *Loi sur les brevets*. »

Les renseignements relatifs à l'état expiré et aux taxes périodiques peuvent être consultés à la page sur les états administratifs de chaque document de brevet. Pour obtenir de plus amples renseignements, visitez notre site Web (www.opic.gc.ca)

14. Erratum

Les renseignements fournis sur le numéro de demande suivant dans la Gazette du bureau des brevets du 25 novembre 2003 étaient fautifs. Aucune demande n'a été ouverte au public sous ce numéro.

2,442,504

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 14 mars 2004 - 20 mars 2004

Avis

Canadian Patents Issued

April 6, 2004

Brevets canadiens délivrés

6 avril 2004

[11] **2,010,321**
[13] C

[51] Int.Cl. 5C12N 15/12 5A61K 39/00
6C07K 16/28 5A61K 39/395 5G01N 33/574
5C12Q 1/68 6C07K 14/705

[25] EN
[54] LYMPHOCYTE-ASSOCIATED
CELL SURFACE PROTEIN
[54] PROTEINE DE SURFACE DE
CELLULES ASSOCIEES AUX
LYMPHOCYTES

[72] TEDDER, THOMAS F., US
[73] DANA-FARBER CANCER
INSTITUTE, US
[22] 1990-02-19
[30] US (313,109) 1989-02-21

[11] **2,036,592**
[13] C

[51] Int.Cl. 6A61K 38/36

[25] EN
[54] THERAPEUTIC AGENT FOR
DIABETIC GANGRENE
[54] AGENT THERAPEUTIQUE POUR
LA GANGRENE DIABETIQUE

[72] SHIKANO, MASAHIKO, JP
[72] TANAKA, SATOSHI, JP
[72] IKDEA, MASAO, JP
[72] NIN, HIROSHI, JP
[73] HOECHST JAPAN LIMITED, JP
[22] 1991-02-19
[30] JP (2-37284) 1990-02-20

[11] **2,042,016**
[13] C

[51] Int.Cl. 5C12N 15/31 5C07H 21/00
5A61K 39/04 6C07K 7/08 6C07K 14/35
5A61K 39/385 5A61K 39/40 5G01N 33/569
5C12N 15/62 5C12N 15/63 5C12Q 1/68

[25] EN
[54] RECOMBINANT POLYPEPTIDES
AND PEPTIDES, NUCLEIC ACIDS
CODING FOR THE SAME AND USE OF
THESE POLYPEPTIDES AND
PEPTIDES IN THE DIAGNOSTIC OF
TUBERCULOSIS

[54] PEPTIDES ET POLYPEPTIDES
RECOMBINANTS, ACIDES
NUCLEIQUES CODANT POUR CEUX-
CI ET UTILISATION DE CES PEPTIDES
ET POLYPEPTIDES DANS LE
DIAGNOSTIC DE LA TUBERCULOSE

[72] CONTENT, JEAN, BE
[72] DE WIT, LUCAS, BE
[72] DE BRUYN, JACQUELINE, BE
[72] VAN VOOREN, JEAN-PAUL, BE
[73] N.V. INNOGENETICS S.A., BE
[85] 1991-05-16
[86] 1990-09-19 (PCT/EP1990/001593)
[87] (WO1991/004272)
[30] GB (89 402571.7) 1989-09-19

[11] **2,035,383**
[13] C

[51] Int.Cl. 5B23K 1/19 5C25D 7/04 5F28F
1/10 5B23K 1/20

[25] EN
[54] METHOD FOR IMPROVING THE
SOLDERABILITY OF CORROSION
RESISTANT HEAT EXCHANGE
TUBING
[54] METHODE D'AMELIORATION DE
LA SONDABILITE DE TUBES
D'ECHANGEURS DE CHALEUR
RESISTANT A LA CORROSION

[72] REYNOLDS, SAMUEL DORNON JR.,
US
[72] HARGROVE, HOMER GAY, US
[73] WESTINGHOUSE ELECTRIC
CORPORATION, US
[22] 1991-01-31
[30] US (473,556) 1990-02-01

[11] **2,040,295**
[13] C

[51] Int.Cl. 5D06C 7/00

[25] EN
[54] ENDLESS BELT AND MACHINE
FOR SHRINKING FABRICS
[54] COURROIE SANS FIN ET
MACHINE POUR RETRECIR LES
TISSUES

[72] RICH, GERARD, FR
[72] ZIMMERMANN, GILBERT, FR
[73] ROLLIN S.A., FR
[22] 1991-04-11
[30] FR (9 004 750) 1990-04-12

[11] **2,044,720**
[13] C

[51] Int.Cl. 5E21D 20/00

[25] EN
[54] DEVICE FOR SETTING A ROCK
BOLT
[54] DISPOSITIF DE MISE EN PLACE
D'UN ANCRAGE A ROCHE

[72] BJERNGREN, JAN, SE
[72] ERIKSSON, SVEN, SE
[72] PERSSON, LARS, SE
[73] ATLAS COPCO CONSTRUCTION
AND MINING TECHNIQUE AB, SE
[22] 1991-06-17
[30] SE (9002399-5) 1990-07-10

Canadian Patents Issued
April 6, 2004

[11] 2,056,508
[13] C

[51] Int.Cl. 5B65G 65/23
[25] EN
[54] EMPTYING SYSTEM
[54] SYSTEME DE VIDAGE
[72] LARSEN, HANS KURT, SE
[73] FRISCO-FINDUS AG, CH
[22] 1991-11-28
[30] EP (90124437.6) 1990-12-17

[11] 2,060,616
[13] C

[51] Int.Cl. 5C07D 211/70 5A61K 31/44
[25] EN
[54] USE OF 4-(3-TRIFLUOROMETHYLPHENYL)-1,2,3,6-TETRAHYDROPYRIDINE DERIVATIVES AS FREE RADICAL SCAVENGERS
[54] UTILISATION DE DERIVES DE 4-[3-(TRIFLUOROMETHYL)PHENYL]-1,2,3,6-TETRAHYDROPYRIDINE POUR ELIMINER LES RADICAUX LIBRES
[72] HEAULME, MICHEL, FR
[72] GUZZI, UMBERTO, IT
[73] SANOFI-SYNTHELABO, FR
[22] 1992-02-04
[30] FR (91 01283) 1991-02-05

[11] 2,067,381
[13] C

[51] Int.Cl. 5C07D 327/06 5C07C 333/08 5C07D 339/08 5C07D 319/12 5A61K 31/24 5C07D 309/28 5A61K 31/335 5A61K 31/38 5C07C 327/48 5C07D 307/54 5C07D 307/68 5C07C 233/81
[25] EN
[54] TREATMENT OF HIV INFECTIONS AND COMPOUNDS USEFUL THEREIN
[54] TRAITEMENT DES INFECTIONS A VIH ET COMPOSES UTILES A CET EGARD
[72] HARRISON, WILLIAM ASHLEY, CA
[72] JEWELL, GARY EDWARD, CA
[72] FELAUER, ETHEL ELLEN, CA
[72] DEKEYSER, MARK ACHIEL, CA
[72] DAO-CONG, DONG, CA
[72] MCGUINNESS, JAMES ANTHONY, US
[72] MISHRA, ANUPAMA, CA
[72] BROUWER, WALTER GERHARD, CA
[72] MCPHEE, DEREK JAMES, CA
[73] UNIROYAL CHEMICAL COMPANY, INC., US
[73] CROMPTON CO./CIE, CA
[85] 1992-04-09
[86] 1990-10-09 (PCT/US1990/005760)
[87] (WO1991/005761)
[30] US (421,155) 1989-10-16
[30] US (567,982) 1990-08-15
[30] US (588,208) 1990-09-26

[11] 2,069,898
[13] C

[51] Int.Cl. 5B65H 18/20
[25] EN
[54] KING ROLL REELING MACHINE
[54] MACHINE A BOBINER A ROULEAU PORTEUR
[72] SCHONMEIER, HERBERT, DE
[72] HOFFMANN, PETER, DE
[72] DROPCZYNSKI, HARTMUT, DE
[72] SCHONEN, REINHARD, DE
[73] JAGENBERG AKTIENGESELLSCHAFT, DE
[85] 1992-04-22
[86] 1991-08-16 (PCT/EP1991/001555)
[87] (WO1992/003366)
[30] DE (P 40 26 597.8) 1990-08-23
[30] DE (P 41 10 047.6) 1991-03-27

[11] 2,073,739
[13] C

[51] Int.Cl. 5A42B 3/22
[25] EN
[54] A POSITIONABLE VISOR ARRANGEMENT
[54] ENSEMBLE VISIERE-ECRAN POSITIONNABLE
[72] NORDIN, HENRIK, SE
[72] FAG, JAN-OLOF, SE
[73] PELTOR AKTIEBOLAG, SE
[22] 1992-07-13
[30] SE (91 02 624-5) 1991-09-11

[11] 2,075,926
[13] C

[51] Int.Cl. 5C07C 233/47 5C07C 229/06 5A61K 31/22 5C07D 209/26 5C07D 207/28 5A61K 31/40 5A61K 31/415 5A61K 7/48 5C07C 323/59 5C07D 233/64
[25] EN
[54] HYDROQUINONE AMINO-ACID ESTERS, METHOD OF PREPARATION, AND PHARMACEUTICAL OR COSMETIC COMPOSITIONS CONTAINING THEM
[54] ESTERS D'ACIDES AMINES ET D'HYDROQUINONE, METHODES D'OBTENTION ET COMPOSITIONS PHARMACEUTIQUES OU COSMETIQUES QUI EN CONTIENNENT
[72] LARUELLE, CLAUDE, FR
[72] RAYNIER, BERNARD, FR
[72] DERRIEU, GUY, FR
[73] VIRBAC S.A., FR
[85] 1992-08-14
[86] 1991-02-13 (PCT/FR1991/000114)
[87] (WO1991/011996)
[30] FR (90/01822) 1990-02-15

[11] 2,079,256
[13] C

[51] Int.Cl. 5A61F 2/32
[25] EN
[54] HIP PROSTHESIS
[54] PROTHESE DE LA HANCHE
[72] HOFFMAN, WILLIAM F., US
[72] SCOTT, RICHARD D., US
[72] RAND, JAMES A., US
[73] JOHNSON & JOHNSON ORTHOPAEDICS, INC., US
[22] 1992-09-28
[30] US (769,030) 1991-09-30

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,079,769**
[13] C

[51] **Int.Cl. 5A61B 17/56**
[25] EN
[54] **AN ACETABULAR CUP INSERTER**
[54] **POUSSE-CUPULE**
[72] FOLEY, FRANK, GB
[72] LIGHT, EDWARD, GB
[73] JOHNSON & JOHNSON
ORTHOPAEDICS, INC., US
[22] 1992-10-02
[30] GB (91 21132.6) 1991-10-04

[11] **2,081,507**
[13] C

[51] **Int.Cl. 5C07D 301/04 5C07J 71/00**
[25] EN
[54] **PROCESS FOR PRODUCING
EPOXIDE**
[54] **PROCEDE POUR L'OBTENTION
D'EPOXYDES**
[72] MURAHASHI, SHUN-ICHI, JP
[72] ODA, YOSHIAKI, JP
[73] SUMITOMO CHEMICAL COMPANY,
LIMITED, JP
[22] 1992-10-27
[30] JP (03-284651) 1991-10-30
[30] JP (04-052438) 1992-03-11
[30] JP (04-052441) 1992-03-11

[11] **2,081,828**
[13] C

[51] **Int.Cl. 5B65D 17/28**
[25] EN
[54] **PACKAGING SYSTEM**
[54] **DISPOSITIF D'EMBALLAGE**
[72] GEORGE, MICHAEL, US
[73] KRAFT FOODS, INC., US
[22] 1992-10-30
[30] US (794,200) 1991-11-19

[11] **2,084,222**
[13] C

[51] **Int.Cl. 5C07D 473/00 5C07D 471/04
5C07D 487/04 5A61K 31/435 5A61K 31/
505**
[25] EN
[54] **NOVEL TRANS
CYCLOPENTANYL PURINE ANALOGS
USEFUL AS IMMUNOSUPPRESSANTS**
[54] **NOUVEAUX ANALOGUES DE
TRANS-CYCLOPENTANYPURINE
UTILES COMME
IMMUNOSUPPRESSEURS**
[72] BORCHERDING, DAVID R., US
[72] EDWARDS, CARL K., III, US
[72] ESSER, RONALD E., US
[72] COLE, DOUGLAS L., US
[73] AVENTIS PHARMACEUTICALS
INC., US
[22] 1992-12-01
[30] US (804,153) 1991-12-06
[30] US (965,601) 1992-11-02

[11] **2,084,620**
[13] C

[51] **Int.Cl. 5C08L 67/00 5C08L 63/00
5C08K 5/15**
[25] EN
[54] **CURABLE BINDER AND PROCESS
FOR ITS PREPARATION**
[54] **LIANT DURCISSABLE ET
PROCEDE POUR SA PREPARATION**
[72] NEUMANN, UWE, DE
[72] HOENEL, MICHAEL, DE
[72] OBERRESSL, PAUL, DE
[72] KELLER, MARION, DE
[73] SOLUTIA GERMANY GMBH & CO.
KG, DE
[22] 1992-12-04
[30] DE (P 41 41 776.3) 1991-12-18

[11] **2,085,232**
[13] C

[51] **Int.Cl. 5C12N 15/56 5A21D 8/04
5C12N 5/10 5C12N 1/15 5C12N 1/19
5C12N 1/21 5C12N 9/24 5A21D 2/26**
[25] EN
[54] **XYLANASE PRODUCTION**
[54] **PRODUCTION DE XYLANASE**
[72] VAN GORCOM, ROBERT F. M., NL
[72] HESSING, JOHANNA G. M., NL
[72] MAAT, JAN, NL
[72] ROZA, MARTINUS, NL
[72] VERBAKEL, JOHANNES M. A., NL
[73] QUEST INTERNATIONAL
SERVICES B.V., NL
[85] 1992-12-11
[86] 1991-06-18 (PCT/EP1991/001135)
[87] (WO1991/019782)
[30] NL (9001388) 1990-06-19

[11] **2,085,670**
[13] C

[51] **Int.Cl. 5H01H 71/02 5H01H 9/02**
[25] EN
[54] **MOLDED CASE CIRCUIT
BREAKER-PROCESS LOOP UNIT**
[54] **BLOC DISJONCTEUR-BOUCLE DE
COURANT, A BOITIER MOULE**
[72] DOUGHERTY, JOHN JAMES, US
[73] GENERAL ELECTRIC COMPANY,
US
[22] 1992-12-17
[30] US (826,505) 1992-01-27

[11] **2,087,286**
[13] C

[51] **Int.Cl. 5C07H 15/252 6C07K 16/00
5C07D 519/04 5C07H 19/04 5C07H 15/26
6C07K 14/47 5A61K 47/48**
[25] EN
[54] **THIOETHER CONJUGATES**
[54] **PRODUITS CONJUGUES A BASE
DE THIOETHER**
[72] WILLNER, DAVID, US
[72] TRAIL, PAMELA A., US
[72] KING, H. DALTON, US
[72] HOFSTEAD, SANDRA J., US
[72] GREENFIELD, ROBERT S., US
[72] BRASLAWSKY, GARY R., US
[73] BRISTOL-MYERS SQUIBB
COMPANY, US
[22] 1993-01-14
[30] US (07/824,951) 1992-01-23

[11] **2,087,909**
[13] C

[51] **Int.Cl. 5H04L 7/033**
[25] EN
[54] **PSEUDORANDOM NOISE
RANGING RECEIVER WHICH
COMPENSATES FOR MULTIPATH
DISTORTION BY DYNAMICALLY
ADJUSTING THE TIME DELAY
SPACING BETWEEN EARLY AND
LATE CORRELATORS**
[54] **RECEPTEUR DE SIGNAUX DE
TELEMETRIE A BRUIT PSEUDO-
ALEATOIRE AVEC CORRECTION DE
LA DISTORSION RESULTANT DE LA
MULTIPLICITE DES TRAJETS PAR
REGLAGE DYNAMIQUE DE
L'INTERVALLE DE TEMPS ENTRE
LES SIGNAUX DE CORRELATION
AVANCE ET RETARDE**
[72] FENTON, PATRICK C., CA
[72] VAN DIERENDONCK, ALBERT J.,
US
[73] NOVATEL INC., CA
[22] 1993-01-22
[30] US (07/825,665) 1992-01-24

**Canadian Patents Issued
April 6, 2004**

[11] **2,088,324**
[13] C

[51] **Int.Cl. 5C10G 59/00**
[25] EN
[54] **PROCESS FOR UPGRADING A HYDROCARBONACEOUS FEEDSTOCK**
[54] **PROCEDE DE VALORISATION D'UNE CHARGE HYDROCARBONEE**
[72] PEUTZ, MARIUS G. F., NL
[73] SHELL CANADA LIMITED, CA
[22] 1993-01-28
[30] GB (92200273.8) 1992-01-30

[11] **2,088,963**
[13] C

[51] **Int.Cl. 5F21V 21/02**
[25] EN
[54] **LIGHT FIXTURE WITH DETACHABLE REAR MOUNTING BOX**
[54] **APPAREIL D'ECLAIRAGE MUNI D'UNE BOITE DE FIXATION POSEE A L'ARRIERE ET AMOVIBLE**
[72] RUSSELLO, THOMAS, US
[72] SANGIAMO, RICHARD, US
[73] GENLYTE THOMAS GROUP LLC, US
[22] 1993-02-05
[30] US (965,229) 1992-10-23

[11] **2,089,563**
[13] C

[51] **Int.Cl. 5C07H 21/00 5A61K 31/70**
[25] EN
[54] **OLIGONUCLEOTIDE MODULATION OF CELL ADHESION**
[54] **MODULATION DE L'ADHERENCE CELLULAIRE GRACE A DES OLIGONUCLEOTIDES**
[72] BENNETT, CLARENCE FRANK, US
[72] MIRABELLI, CHRISTOPHER K., US
[73] ISIS PHARMACEUTICALS, INC., US
[85] 1993-02-15
[86] 1991-07-23 (PCT/US1991/005209)
[87] (WO1992/003139)
[30] US (567,286) 1990-08-14

[11] **2,091,134**
[13] C

[51] **Int.Cl. 6A61K 38/45**
[25] EN
[54] **THERAPEUTIC AGENT FOR THREATENED ABORTION**
[54] **AGENT THERAPEUTIQUE CONTRE LES RISQUES D'AVORTEMENT**
[72] NAKAYA, TAKAYOSHI, JP
[72] KAJIWARA, YAYOI, JP
[73] HOECHST JAPAN LIMITED, JP
[22] 1993-03-05
[30] JP (4-49,353) 1992-03-06

[11] **2,092,824**
[13] C

[51] **Int.Cl. 5G01N 27/26**
[25] EN
[54] **INTEGRAL HYDROLYSIS LAYER JUNCTION**
[54] **MEMBRANE D'HYDROLYSE A JONCTION INTEGREE**
[72] BENTON, BARRY W., US
[73] ROSEMOUNT INC., US
[85] 1993-03-26
[86] 1991-09-17 (PCT/US1991/006724)
[87] (WO1992/006370)
[30] US (589,936) 1990-09-28

[11] **2,092,980**
[13] C

[51] **Int.Cl. 5B04B 1/20**
[25] EN
[54] **DECANTER CENTRIFUGE FOR THICKENING AT HIGH RATES**
[54] **DECANTEUR CENTRIFUGE POUR L'EPAISSISSEMENT A DES VITESSES ELEVEES**
[72] SHAPIRO, LEONARD, US
[73] ALFA LAVAL INC., US
[22] 1993-04-07
[30] US (992,327) 1992-12-17

[11] **2,094,337**
[13] C

[51] **Int.Cl. 5C08F 136/16 5C09J 147/00 5C08F 8/22**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF BROMINATED CHLORINE-SUBSTITUTED POLY-1,3-BUTADIENE**
[54] **METHODE DE PREPARATION DE DERIVES DE SUBSTITUTION CHLORES DE POLY(BUTA-1,3-DIENE), BROMES**
[72] LAAS, HANS-JOSEF, DE
[72] LUCAS, HEINZ W., DE
[72] NACHTKAMP, KLAUS, DE
[72] KONIGSHOFEN, HEINRICH, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1993-04-19
[30] DE (P 42 13 164.2) 1992-04-22

[11] **2,095,387**
[13] C

[51] **Int.Cl. 5B66B 3/00 5H02B 15/00 5E04F 17/08 5H05K 7/14**
[25] EN
[54] **PANEL WITH FASTENING ELEMENTS ACTUABLE WITHOUT TOOLS**
[54] **PANNEAU AVEC MOYENS DE FIXATION INCORPORES ELIMINANT L'UTILISATION D'OUTILS POUR LA POSE**
[72] ACHERMANN, PETER, CH
[73] INVENTIO AG, CH
[22] 1993-05-03
[30] CH (01 428/92-9) 1992-05-04

[11] **2,095,394**
[13] C

[51] **Int.Cl. 5D21H 23/50**
[25] EN
[54] **PAPER REMOISTENING APPARATUS**
[54] **APPAREIL POUR HUMECTER LE PAPIER**
[72] GRANDJEAN, ALAIN J., FR
[73] MEGTEC SYSTEMS S.A., FR
[22] 1993-05-03
[30] FR (92 05566) 1992-05-06

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,095,658**
[13] C

[51] **Int.Cl. 5C07D 261/12 5A01N 43/80**
[25] EN
[54] **AGROCHEMICAL COMPOSITIONS AND METHODS EMPLOYING 3-HYDROXY-5-METHYLISOXAZOLE**
[54] **COMPOSITIONS AGROCHIMIQUES ET METHODES FAISANT APPEL AU 3-HYDROXY-5-METHYLISOXAZOLE**
[72] FUJIMOTO, MASAHIKO, JP
[72] TANIZAWA, KINJI, JP
[72] YASUI, KENJI, JP
[72] SABI, HIROSHI, JP
[72] KOBAYASHI, KOZO, JP
[72] OHKOUCHI, TAKEO, JP
[72] HOSODA, HITOSHI, JP
[72] KATO, SHIGEHIRO, JP
[72] KONDO, YASUHIKO, JP
[72] TAKAHI, YUKIYOSHI, JP
[73] SANKYO COMPANY, LIMITED, JP
[22] 1993-05-06
[30] JP (4-114808) 1992-05-07
[30] JP (5-42523) 1993-03-03

[11] **2,097,037**
[13] C

[51] **Int.Cl. 5C08L 77/10 5D01D 5/06**
[25] EN
[54] **PARA-ARAMID DOPE OF LOW DEGREE OF POLYMERIZATION, PARA-ARAMID FIBER AND PARA-ARAMID PULP PRODUCED THEREFROM AND PROCESSES FOR PRODUCING THE SAME**
[54] **DOPE PARA-AMIDE A FAIBLE DEGRE DE POLYMERISATION, FIBRE PARA-ARAMIDE ET PATE PARA-ARAMIDE PRODUITES A PARTIR DE CETTE FIBRE, ET PROCEDES DE FABRICATION CONNEXES**
[72] TAKAHASHI, TSUTOMU, JP
[72] SATO, HIROYUKI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[73] AKZO N.V., NL
[22] 1993-05-26
[30] JP (04-136733) 1992-05-28

[11] **2,098,437**
[13] C

[51] **Int.Cl. 5F25J 5/00 5F25J 3/00**
[25] FR
[54] **PROCEDE DE CONSTRUCTION D'UNE UNITE CRYOGENIQUE DE SEPARATION DE GAZ, UNITE CRYOGENIQUE, SOUS-ENSEMBLE ET ENSEMBLE TRANSPORTABLE POUR LA CONSTRUCTION D'UNE TELLE UNITE**
[54] **CONSTRUCTION METHOD FOR A GAS SEPARATION CRYOGENIC UNIT, SAID CRYOGENIC UNIT, PORTABLE SYSTEM AND SUBSYSTEM FOR CONSTRUCTING SAID UNIT**
[72] BRACQUE, GILLES, FR
[72] DEHAINE, FRANCOIS, FR
[72] GOURBIER, JEAN-PIERRE, FR
[72] GRELAUD, ALAIN, FR
[72] GUILLARD, ALAIN, FR
[72] MOULINEY, MICHEL, FR
[72] RIETH, NORBERT, FR
[73] L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE PO UR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 1993-06-15
[30] FR (92 07327) 1992-06-17

[11] **2,098,610**
[13] C

[51] **Int.Cl. 5C09K 5/04 5A62D 1/08 5C09K 3/30**
[25] EN
[54] **CONSTANT BOILING COMPOSITIONS OF FLUORINATED HYDROCARBONS**
[54] **COMPOSITION AZEOTROPIQUES D'HYDROCARBURES FLUORES**
[72] SHIFLETT, MARK BRANDON, US
[72] BIVENS, DONALD BERNARD, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1993-06-16
[86] 1991-12-12 (PCT/US1991/009150)
[87] (WO1992/011339)
[30] US (07/628,000) 1990-12-17
[30] US (07/649,356) 1991-02-01

[11] **2,099,196**
[13] C

[51] **Int.Cl. 5H04H 1/04 5H01Q 3/02 5H04B 7/185**
[25] EN
[54] **SATELLITE IDENTIFICATION AND ANTENNA ALIGNMENT**
[54] **SYSTEME D'IDENTIFICATION DE SATELLITES ET D'ORIENTATION D'ANTENNE**
[72] WALKER, GORDON KENT, US
[72] TAYLOR, JOHN KENT, US
[73] GENERAL INSTRUMENT CORPORATION, US
[22] 1993-06-25
[30] US (07/911,460) 1992-07-10

[11] **2,101,118**
[13] C

[51] **Int.Cl. 5B05C 17/01**
[25] EN
[54] **COMBINATION CAULKING TUBE CAP AND APPLICATOR DEVICE**
[54] **BOUCHON ET APPLICATEUR COMBINES POUR TUBE DE PATE A CALFEUTREUR**
[72] GROENE, DAVID E., US
[72] HOYT, EARL E., US
[73] DAP PRODUCTS INC., US
[22] 1993-07-22
[30] US (042,864) 1993-04-05

[11] **2,103,675**
[13] C

[51] **Int.Cl. 5F23G 7/00**
[25] EN
[54] **TREATMENT OF WASTE**
[54] **TRAITEMENT DES DECHETS**
[72] CONOCHIE, DAVID STEWART, AU
[72] BATTERHAM, ROBIN JOHN, AU
[72] MATTHEWS, TERRY ALAN, AU
[73] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 1993-08-05
[86] 1992-12-07 (PCT/AU1992/000657)
[87] (WO1993/010862)
[30] AU (PK 9873) 1991-12-06

Canadian Patents Issued
April 6, 2004

[11] **2,104,093**
[13] C
[51] Int.Cl. 5H05B 41/24
[25] EN
[54] APPARATUS FOR COUPLING ENERGY TO ELECTRODELESS LAMP APPLICATORS
[54] DISPOSITIF DE COUPLAGE ENERGETIQUE POUR APPLICATEURS SANS ELECTRODE
[72] LAPATOVICH, WALTER P., US
[72] BUTLER, SCOTT J., US
[73] GTE PRODUCTS CORPORATION, US
[22] 1993-08-13
[30] US (7/930,127) 1992-08-14

[11] **2,104,114**
[13] C
[51] Int.Cl. 5A61K 31/35
[25] EN
[54] BENZOPYRAN PHENOL DERIVATES FOR USE AS ANTIBACTERIAL, ANTIVIRAL OR IMMUNOSTIMULATING AGENTS
[54] DERIVES PHENOLIQUES BENZOPYRANNES UTILISES COMME AGENTS ANTIBACTERIENS, ANTIVIRAUX OU IMMUNOSTIMULATEURS
[72] MARCONIUS, MARIA, SE
[73] FOCKERMAN, MICHEL, SE
[73] FOCKERMAN, JASMINE, SE
[85] 1993-08-13
[86] 1992-02-14 (PCT/SE1992/000090)
[87] (WO1992/014458)
[30] US (656,801) 1991-02-15
[30] US (809,420) 1991-12-17

[11] **2,104,515**
[13] C
[51] Int.Cl. 5C07D 409/06 5A61K 31/41
[25] EN
[54] COMPOSITION FOR ACCELERATING HEALING OF WOUND
[54] COMPOSITION ACCELERANT LA CICATRISATION
[72] SEO, AKIRA, JP
[72] HIRAGA, KUNIKAZU, JP
[72] KOGA, HIROYASU, JP
[72] NIWANO, YOSHIMI, JP
[73] NIHON NOHYAKU CO., LTD., JP
[22] 1993-08-20

[11] **2,105,414**
[13] C
[51] Int.Cl. 5B60P 3/10
[25] EN
[54] WEIGHT DISTRIBUTING HULL AND KEEL SUPPORT FOR BOAT TRAILER FRAMES
[54] SUPPORTS DE COQUE ET GRILLE REPARTISSEURS DE CHARGE SUR BATI-REMORQUE DE BATEAU
[72] CARRICK, LARRY K., US
[73] CARNAI, INC., US
[22] 1993-09-02

[11] **2,105,937**
[13] C
[51] Int.Cl. 5C07D 241/12 5C07D 405/04
[25] EN
[54] PYRAZINE PREPARATION
[54] PREPARATION DE PYRAZINE
[72] CHEN, TEH-KUEI, US
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 1993-09-10
[30] US (953,466) 1992-09-29

[11] **2,106,290**
[13] C
[51] Int.Cl. 5H03M 1/00
[25] EN
[54] METHOD AND APPARATUS PROVIDING HALF-CYCLE DIGITIZATION OF AC SIGNALS BY AN ANALOG-TO-DIGITAL CONVERTER
[54] METHODE ET APPAREIL DE NUMERISATION DE DEMI-CYCLES DE SIGNAUX ALTERNATIFS UTILISANT UN CONVERTISSEUR ANALOGIQUE-NUMERIQUE
[72] BECKWITH, ROBERT W., US
[73] BECKWITH, ROBERT W., US
[22] 1993-09-15

[11] **2,106,906**
[13] C
[51] Int.Cl. 5B65H 3/04 5B65H 7/12
[25] FR
[54] DEPILEUR D'ARTICLES PLATS INCLUANT UN DISPOSITIF DE RETAQUAGE
[54] FLAT ARTICLE DENESTER COMPRISING A REJOGGER
[72] SABATIER, LOUIS, FR
[72] WALPOLE, FRANCK, FR
[72] ROCH, OLIVIER, FR
[73] SOLYSTIC, FR
[22] 1993-09-24
[30] FR (92 11 468) 1992-09-25

[11] **2,107,525**
[13] C
[51] Int.Cl. 5G01N 29/00
[25] EN
[54] METHOD AND APPARATUS FOR ACOUSTIC EXAMINATION USING TIME REVERSAL
[54] APPAREIL D'EXAMEN ACOUSTIQUE UTILISANT DES ONDES INVERSEES DANS LE TEMPS, ET METHODE CONNEXE
[72] FINK, MATHIAS, FR
[73] SOCIETE POUR LES APPLICATIONS DU RETOURNEMENT TEMPOREL, FR
[22] 1993-10-01
[30] FR (92 11659) 1992-10-02

[11] **2,108,115**
[13] C
[51] Int.Cl. 5C11D 1/75 5C11D 1/12 5C11D 7/22
[25] EN
[54] NON-CHLORINATED LOW ALKALINITY HIGH RETENTION CLEANERS
[54] NETTOYANTS NON CHLORES A FAIBLE ALCALINITE ET A POUVOIR D'ADSORPTION ELEVE
[72] KANLUEN, RATANA, US
[73] JOHNSON DIVERSEY, INC., US
[22] 1993-10-08
[30] US (969,086) 1992-10-30

[11] **2,108,433**
[13] C
[51] Int.Cl. 5H01J 61/56
[25] EN
[54] TWIN TUBE CAPACITIVELY-DRIVEN RF LIGHT SOURCE
[54] SOURCE D'ECLAIRAGE RF A COMMANDE CAPACITIVE ET TUBES DOUBLES
[72] GODYAK, VALERY, US
[72] PIEJAK, ROBERT B., US
[72] ALEXSANDROVICH, BENJAMIN M., US
[73] GTE PRODUCTS CORPORATION, US
[22] 1993-10-14
[30] US (7/961,755) 1992-10-16

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,110,962**
[13] C

[51] **Int.Cl. 5H04N 7/18**
[25] EN
[54] **NONLINEAR SCANNING TO OPTIMIZE SECTOR SCAN ELECTRO-OPTIC RECONNAISSANCE SYSTEM PERFORMANCE**
[54] **BALAYAGE NON LINEAIRE POUR OPTIMISER LA PERFORMANCE D'UN SYSTEME DE RECONNAISSANCE ELECTRO-OPTIQUE A BALAYAGE DE SECTEURS**
[72] WIGHT, RALPH H., US
[72] WOLFE, GREGORY J., US
[73] BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC., US
[22] 1993-12-08
[30] US (07/988,837) 1992-12-10

[11] **2,111,045**
[13] C

[51] **Int.Cl. 5B23P 15/02**
[25] EN
[54] **METHOD FOR PRODUCING A MONOBLOC ROTOR WITH HOLLOW BLADES AND MONOBLOC ROTOR WITH HOLLOW BLADES OBTAINED BY SAID METHOD**
[54] **METHODE SERVANT A FABRIQUER UN ROTOR MONOBLOC MUNI DE PALES CREUSES, ET ROTOR OBTENU AU MOYEN DE LADITE METHODE**
[72] THORE, MONIQUE ANDREE, FR
[73] SNECMA MOTEURS, FR
[22] 1993-12-09
[30] FR (93 00043) 1993-01-06

[11] **2,112,269**
[13] C

[51] **Int.Cl. 5G10D 13/02**
[25] EN
[54] **MOUNTING BRACKET AND RESONANCE MODIFIER FOR DRUMS**
[54] **CONSOLE DE MONTAGE AVEC MODIFICATEUR DE RESONANCE POUR TONNEAUX**
[72] MAY, RANDALL LEE, US
[73] MAY, RANDALL LEE, US
[22] 1993-12-23
[30] US (997,953) 1992-12-29
[30] US (165,421) 1993-12-15

[11] **2,112,419**
[13] C

[51] **Int.Cl. 5G11B 27/10**
[25] EN
[54] **TAPE CASSETTE INCLUDING MEMORY UNIT STORING REPRODUCTION CONTROL INSTRUCTIONS**
[54] **CASSETTE DE BANDE MAGNETIQUE A UNITE DE MEMOIRE DE STOCKAGE D'INSTRUCTIONS DE COMMANDE DE LECTURE**
[72] IIZUKA, KEN, JP
[72] NAGANO, NAOKI, JP
[73] SONY CORPORATION, JP
[22] 1993-12-24
[30] JP (PO4-348142) 1992-12-28

[11] **2,112,657**
[13] C

[51] **Int.Cl. 5B08B 3/02**
[25] EN
[54] **METHOD FOR REMOVING A PORTION OF A COATING BY LIQUID JETS**
[54] **METHODE DE DECAPAGE PARTIEL AU JET LIQUIDE**
[72] LECHERVY, PIERRE MARC SERGE, FR
[72] SILVA, PAUL LOUIS, FR
[73] SNECMA MOTEURS, FR
[22] 1993-12-30
[30] FR (93 00042) 1993-01-06

[11] **2,113,411**
[13] C

[51] **Int.Cl. 5A61B 17/04**
[25] EN
[54] **FLEXIBLE SUTURE GUIDE AND HOLDER**
[54] **GUIDE ET SUPPORT DE SUTURE FLEXIBLE**
[72] COSGROVE, DELOS M., US
[72] NGUYEN, THAN, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 1994-01-13
[86] 1992-07-30 (PCT/US1992/006312)
[87] (WO1993/002640)
[30] US (739,925) 1991-08-02

[11] **2,114,252**
[13] C

[51] **Int.Cl. 5C08G 18/08**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF RIGID FOAMS CONTAINING URETHANE AND ISOCYANURATE GROUPS**
[54] **PROCEDE POUR LA PRODUCTION DE MOUSSES RIGIDES RENFERMANT DES GROUPES URETHANE ET ISOCYANURATE**
[72] WIEDERMANN, ROLF, DE
[72] WENDEL, STEPHAN, DE
[72] WEBER, ULRICH, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1994-01-26
[30] DE (P 43 02 460.2) 1993-01-29

[11] **2,114,499**
[13] C

[51] **Int.Cl. 5C10L 1/18 5C10L 1/30**
[25] EN
[54] **UNLEADED AVIATION GASOLINE**
[54] **ESSENCE D'AVIATION SANS PLOMB**
[72] HENDERSON, DOUGLAS H., US
[73] ETHYL PETROLEUM ADDITIVES, INC., US
[22] 1994-01-28
[30] US (011,262) 1993-01-29
[30] US (149,042) 1993-11-08

[11] **2,115,167**
[13] C

[51] **Int.Cl. 5B08B 3/02**
[25] EN
[54] **APPARATUS AND METHOD FOR INSURING AND CONTROLLING TURBULENT FLOW FOR CLEANING DUCTS**
[54] **METHODE ET DISPOSITIF DE REGULATION D'ECOULEMENT TURBULENT POUR LA PURGE ET LE NETTOYAGE DE CONDUITS**
[72] PLUMMER, RAYMOND G., US
[72] FOLEY, RAYMOND J., US
[72] SCHAFFER, J. THOMAS, US
[73] WILKINSON, GRANT W., US
[85] 1994-02-07
[86] 1993-06-03 (PCT/US1993/005464)
[87] (WO1993/025325)
[30] US (894,959) 1992-06-08

Canadian Patents Issued
April 6, 2004

[11] **2,115,327**
[13] C
[51] Int.Cl. 5B65B 61/00 5A61J 1/10
5B29C 65/14
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING MEDICAL POUCHES**
[54] **METHODE ET DISPOSITIF DE FABRICATION DE SACHETS MEDICAUX**
[72] SMITH, OLLY V., US
[73] CRYOVAC, INC., US
[22] 1994-02-09
[30] US (088,693) 1993-07-08

[11] **2,115,950**
[13] C
[51] Int.Cl. 5C08L 25/14 5C08L 51/04
5C08L 25/16
[25] EN
[54] **HIGHLY TRANSPARENT TOUGH POLYMER BLENDS**
[54] **MELANGES DE POLYMERES RESISTANTS TRES TRANSPARENTS**
[72] COLELLA, MICHAEL, US
[72] MARCOULIER, BRIAN, US
[73] NOVACOR CHEMICALS (INTERNATIONAL) S.A., CH
[22] 1994-02-18
[30] US (08/025,606) 1993-03-03

[11] **2,117,418**
[13] C
[51] Int.Cl. 5C07C 69/76 5C07C 67/08
[25] EN
[54] **PROCESS FOR PREPARING DIESTERS OF NAPHTHALENEDICARBOXYLIC ACIDS**
[54] **METHODE DE PREPARATION DE DIESTERS D'ACIDES NAPHTALENEDICARBOXYLIQUES**
[72] BEHRENS, PAUL, US
[72] HOLZHAUER, JUERGEN, US
[72] HUSSMANN, GREGORY, US
[72] SIKKENG, DAVID, US
[73] BP CORPORATION NORTH AMERICA INC., US
[85] 1994-07-25
[86] 1993-11-19 (PCT/US1993/011299)
[87] (WO1994/012636)
[30] US (07/981,184) 1992-11-24

[11] **2,118,014**
[13] C
[51] Int.Cl. 5E04D 13/08
[25] EN
[54] **LEAF FREE GUTTER AND DOWNPIPE RAIN HEAD**
[54] **GOUTTIERE ET TETE DE DESCENTE PLUVIALE PROTEGEES CONTRE LES FEUILLES**
[72] WADE, RODNEY GEORGE, AU
[73] WADE, RODNEY GEORGE, AU
[85] 1994-10-12
[86] 1993-04-07 (PCT/AU1993/000154)
[87] (WO1993/022525)
[30] AU (PL2207) 1992-05-01
[30] AU (16239/92) 1992-05-14

[11] **2,121,060**
[13] C
[51] Int.Cl. 5C07C 69/94 5C07D 493/04
5C07D 317/70 5C07C 69/738 5C07D 307/86
[25] EN
[54] **PREPARATION OF LIGNAN ANALOGUES**
[54] **PREPARATION D'ANALOGUES DE LA LIGNANE**
[72] MORI, SACHIO, JP
[72] TAKECHI, SHOZO, JP
[72] KIDA, SHIRO, JP
[72] SHIMIZU, SUMIO, JP
[72] IWAKURA, HIKOZO, JP
[73] SHIONOGI & CO., LTD., JP
[22] 1994-04-12
[30] JP (089946/1993) 1993-04-16

[11] **2,121,076**
[13] C
[51] Int.Cl. 5H05B 41/24
[25] EN
[54] **ELECTROMAGNETIC DISCHARGE APPARATUS WITH DUAL POWER AMPLIFIERS**
[54] **APPAREIL A DECHARGE ELECTROMAGNETIQUE COMPORTANT DEUX AMPLIFICATEURS DE PUISSANCE**
[72] LAPATOVICH, WALTER P., US
[72] BUTLER, SCOTT J., US
[72] SMITH, ROBERT K., US
[73] OSRAM SYLVANIA INC., US
[22] 1994-04-12
[30] US (8/046,694) 1993-04-13

[11] **2,122,419**
[13] C
[51] Int.Cl. 5B01J 20/24 5E02B 15/04
[25] EN
[54] **ABSORBENT ARTICLE FOR COLLECTING NON-AQUEOUS LIQUIDS AND A METHOD FOR MANUFACTURING THE ABSORBENT ARTICLE**
[54] **MATERIAU ABSORBANT SERVANT A LA COLLECTE DE LIQUIDES NON AQUEUX ET METHODE DE FABRICATION CONNEXE**
[72] ISRAEL, JOSEPH, US
[72] LEVESQUE, YVON, CA
[73] JOHNSON & JOHNSON INC., CA
[22] 1994-04-28
[30] US (08/054,448) 1993-04-28

[11] **2,122,516**
[13] C
[51] Int.Cl. 5G01N 27/90
[25] EN
[54] **METHOD AND DEVICE FOR NONDESTRUCTIVELY, MAGNETICALLY INSPECTING ELONGATED OBJECTS FOR STRUCTURAL FAULTS**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE MAGNETOSCOPIQUE D'OBJETS DE FORME ALLONGEE**
[72] WEISCHEDL, HERBERT R., US
[73] NDT TECHNOLOGIES, INC., US
[22] 1994-04-29
[30] US (08/061,450) 1993-05-14

[11] **2,122,779**
[13] C
[51] Int.Cl. 5H01B 3/30 5H01B 17/56
[25] EN
[54] **ELECTRICAL INSULATING PAPER**
[54] **PAPIER ISOLANT EMPECHANT LA TRANSMISSION D'ELECTRICITE**
[72] BERBNER, HEINZ, DE
[72] HERBST, GERNOT, DE
[72] OTT, KARL, DE
[72] ZETTLER, HANS DIETER, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[22] 1994-05-03
[30] DE (P 43 14620.1) 1993-05-04

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,123,022**
[13] C

[51] **Int.Cl. 5B65G 47/52**
[25] EN
[54] **METHOD AND APPARATUS FOR PLACING DISCRETE PARTS ONTO A MOVING WEB**
[54] **METHODE ET DISPOSITIF POUR LE TRANSFERT D'ARTICLES MOBILES SUR UNE BANDE TRANSPORTEUSE**
[72] RAJALA, GREGORY JOHN, US
[72] MAKOVEC, RICHARD JOHN, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1994-05-06
[30] US (186,352) 1994-01-25

[11] **2,124,306**
[13] C

[51] **Int.Cl. 5C07D 239/80 5C07D 401/00 5C07D 413/02 5C07D 453/02 5C07D 471/04 5C07D 487/04 5C07D 495/04 5C07D 491/048 5C07D 403/06 5C07D 405/14 5C07D 409/14 5A61K 31/505**
[25] EN
[54] **QUINAZOLINONE DERIVATIVES**
[54] **DERIVES QUINAZOLINONE**
[72] MURAOKA, MASAMI, JP
[72] MATSUI, KAZUKI, JP
[72] HASEGAWA, HIROHIKO, JP
[72] KOJIMA, ATSUYUKI, JP
[73] SUMITOMO PHARMACEUTICALS COMPANY LIMITED, JP
[22] 1994-05-25
[30] JP (148495/93) 1993-05-26

[11] **2,124,394**
[13] C

[51] **Int.Cl. 5B24D 5/00 5B24D 7/00**
[25] EN
[54] **METHOD OF MAKING AN ABRASIVE COMPACT**
[54] **METHODE DE FABRICATION DE BRIQUETTE ABRASIVE**
[72] TANK, KLAUS, ZA
[72] JARVIS, ALAN RICHARD, ZA
[72] STEWART, AULETTE, ZA
[73] ELEMENT SIX (PTY) LTD., ZA
[22] 1994-05-26
[30] ZA (93/3717) 1993-05-27

[11] **2,127,307**
[13] C

[51] **Int.Cl. 5A47G 19/14**
[25] EN
[54] **BEVERAGE SERVER**
[54] **VERSEUSE**
[72] PATEL, DAHYABHAI U., CA
[73] T-TEK INDUSTRIES LTD., CA
[22] 1994-07-04
[30] US (08/229,874) 1994-04-19

[11] **2,127,512**
[13] C

[51] **Int.Cl. 5B27B 5/16**
[25] EN
[54] **CHOP SAW ARRANGEMENT**
[54] **MONTAGE DE SCIE DE DECOUPAGE**
[72] GARUGLIERI, ANDREA, IT
[73] BLACK & DECKER INC., US
[22] 1994-07-06
[30] GB (9314164.6) 1993-07-08

[11] **2,127,513**
[13] C

[51] **Int.Cl. 5B27B 5/16**
[25] EN
[54] **CHOP/TABLE SAW ARRANGEMENT**
[54] **MONTAGE DE TABLE DE SCIE/ DECOUPAGE**
[72] GARUGLIERI, ANDREA, IT
[73] BLACK & DECKER INC., US
[22] 1994-07-06
[30] GB (9314163.8) 1993-07-08

[11] **2,128,007**
[13] C

[51] **Int.Cl. 5C08J 9/02**
[25] EN
[54] **DIMENSIONALLY-STABLE POLYPROPYLENE FOAM EXPANDED WITH INORGANIC BLOWING AGENTS**
[54] **MOUSSE DE POLYPROPYLENE A DIMENSIONS STABLES, EXPANSEE AVEC DES GONFLANTS INORGANIQUES**
[72] PARK, CHUNG P., US
[73] DOW GLOBAL TECHNOLOGIES INC., US
[85] 1994-07-13
[86] 1992-12-17 (PCT/US1992/010932)
[87] (WO1993/015132)
[30] US (07/831,123) 1992-02-04

[11] **2,129,235**
[13] C

[51] **Int.Cl. 5A61K 31/70 5A61K 31/15 5A61K 31/19 5A61K 31/365**
[25] EN
[54] **INHIBITION OF RESPIRATORY BURST USING POSTTRANSLATIONAL MODIFICATION INHIBITORS**
[54] **INHIBITION DE L'EXPLOSION RESPIROTOIRE A L'AIDE D'UN INHIBITEUR DE LA MODIFICATION POST-TRANSLATIONNELLE**
[72] BOKOCH, GARY M., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 1994-07-29
[86] 1993-01-21 (PCT/US1993/000871)
[87] (WO1993/014749)
[30] US (07/829,766) 1992-01-31

[11] **2,129,430**
[13] C

[51] **Int.Cl. 5C07C 279/26 5A61K 31/155 5C07D 295/215 5C07D 207/22 5A61K 31/33 5C07C 323/47 5C07D 311/58 5C07D 307/81**
[25] EN
[54] **N, N'-SUBSTITUTED IMIDOCARBONIMIDIC DIAMIDES DERIVED FROM HYDROXYLAMINES**
[54] **DIAMIDES IMIDOCARBONIMIDIQUES N, N'-SUBSTITUES, DERIVES D'HYDROXYLAMINES**
[72] CANFIELD, CRAIG, US
[72] JACOBUS, DAVID P., US
[72] LEWIS, NEIL J., US
[73] JACOBUS PHARMACEUTICAL CO., INC., US
[85] 1994-08-03
[86] 1993-01-19 (PCT/US1993/000395)
[87] (WO1993/016037)
[30] US (837,258) 1992-02-14

Canadian Patents Issued
April 6, 2004

[11] **2,129,459**
[13] C
[51] **Int.Cl. 5G01L 1/22 5G01L 5/24**
[25] EN
[54] **LOAD CELLS FOR SENSING WEIGHT AND TORQUE ON A DRILL BIT WHILE DRILLING A WELL BORE**
[54] **CELLULES POUR MESURER LES CHARGES ET LES FORCES EXERCEES SUR UN OUTIL DE FORAGE DURANT LE CREUSAGE D'UN PUIT**
[72] DAS, PRALAY K., US
[72] SONG, HAOSHI, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 1994-08-04
[30] US (08/115,285) 1993-08-31

[11] **2,129,574**
[13] C
[51] **Int.Cl. 5F16K 11/10**
[25] EN
[54] **FLUID DIVERTER**
[54] **DEFLECTEUR DE LIQUIDE**
[72] GONZALEZ, TEODORO J., US
[73] NEWFREY LLC, US
[22] 1994-08-05
[30] US (08/117,858) 1993-09-08

[11] **2,129,740**
[13] C
[51] **Int.Cl. 5B65G 21/18**
[25] EN
[54] **CONVEYOR FOR LOADING AND UNLOADING MATERIAL WITHIN A VERY WIDE AREA, WHICH CONVEYOR INCLUDES A SINGLE ENDLESS BELT**
[54] **CONVOYEUR A BANDE SANS FIN POUR LE CHARGEMENT ET LE DECHARGEMENT DE MATERIEL DANS UN ESPACE DE GRANDES DIMENSIONS**
[72] TINGSKOG, LENNART, SE
[73] AS-C MATERIALS HANDLIND LTD, GB
[85] 1994-08-08
[86] 1993-02-12 (PCT/SE1993/000112)
[87] (WO1993/015983)
[30] SE (9200447-2) 1992-02-14

[11] **2,129,920**
[13] C
[51] **Int.Cl. 5B24C 1/08 5B24C 1/10**
[25] EN
[54] **SHOT PEENED PRESS PLATE AND METHOD OF PRODUCING SAME**
[54] **PLAQUE MACHINE GRENAILLEE ET METHODE CORRESPONDANTE**
[72] LAURENCE, KENNETH J., US
[72] BROUSSARD, MICHEL J., FR
[73] FORMICA CORPORATION, US
[22] 1994-08-11
[30] US (08/106243) 1993-08-12

[11] **2,130,477**
[13] C
[51] **Int.Cl. 5A61M 15/00 5G01F 11/18 5B65D 83/52**
[25] EN
[54] **METERING DEVICE**
[54] **DISPOSITIF DE MESURE**
[72] BRAITHWAITE, PHILIP WILSON, GB
[73] INNOVATA BIOMED LIMITED, GB
[85] 1994-08-18
[86] 1993-02-18 (PCT/GB1993/000335)
[87] (WO1993/016748)
[30] GB (9203761.3) 1992-02-21

[11] **2,131,979**
[13] C
[51] **Int.Cl. 5G01N 1/10 5G01N 1/20**
[25] EN
[54] **METHOD AND DEVICE FOR EXTRACTING FROM A MILKING FLOW AN ANALYSIS SAMPLE HAVING A PROPORTIONAL AMOUNT**
[54] **METHODE ET DISPOSITIF POUR EXTRAIRE D'UN ECOULEMENT DE LAIT UN ECHANTILLON D'ANALYSE PROPORTIONNEL**
[72] HOEFELMAYR, TILMAN, CH
[73] BIO-MELKTECHNIK HOEFELMAYR & CO., CH
[22] 1994-09-13
[30] DE (P 43 31 203.9) 1993-09-14

[11] **2,133,293**
[13] C
[51] **Int.Cl. 5G11B 25/04**
[25] EN
[54] **DISK RECORDING AND REPRODUCING APPARATUS**
[54] **APPAREIL D'ENREGISTREMENT ET DE LECTURE A DISQUE**
[72] KAWAMURA, ICHIRO, JP
[72] FURUKAWA, HIROFUMI, JP
[72] MAEDA, SHINICHI, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1994-09-29
[30] JP (5-242459) 1993-09-29
[30] JP (5-254074) 1993-10-12
[30] JP (6-224705) 1994-09-20

[11] **2,133,983**
[13] C
[51] **Int.Cl. 5C12Q 1/56 5C12M 1/40**
[25] EN
[54] **TEST ARTICLE AND METHOD FOR PERFORMING BLOOD COAGULATION ASSAYS**
[54] **ARTICLE POUR LES TESTS ET METHODE D'EVALUATION DE LA COAGULATION SANGUINE**
[72] ZWEIG, STEPHEN E., US
[73] BECKMAN COULTER, INC., US
[85] 1994-10-20
[86] 1993-04-14 (PCT/US1993/003564)
[87] (WO1993/022453)
[30] US (07/874,667) 1992-04-27

[11] **2,134,284**
[13] C
[51] **Int.Cl. 5B01D 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR DEAERATING A LIQUID IN A SUBSTANTIALLY CLOSED LIQUID CIRCULATION SYSTEM**
[54] **METHODE ET APPAREIL SERVANT A DESAERER UN LIQUIDE DANS UN SYSTEME DE CIRCULATION SUBSTANTIELLEMENT FERME**
[72] ROFFELSEN, FRANCISCUS, NL
[73] SPIRO RESEARCH B.V., NL
[22] 1994-10-25
[30] NL (9301908) 1993-11-04

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,135,117**
[13] C

[51] **Int.Cl. 5A01B 23/04**
[25] EN
[54] **MULTI PURPOSE SHANK
ADAPTER FOR ATTACHMENT OF
GROUND WORKING TOOLS TO THE
SHANK OF AN AGRICULTURAL
CULTIVATOR**
[54] **ADAPTATEUR POLYVALENT
POUR OUTILS DE TRAVAIL DU SOL
D'UN CULTIVATEUR**
[72] CRUSON, IZAAK, CA
[73] DUTCH INDUSTRIES LTD., CA
[22] 1994-11-04

[11] **2,136,779**
[13] C

[51] **Int.Cl. 5B07C 5/342**
[25] EN
[54] **PROCESS FOR THE OPTICAL
SORTING OF BULK MATERIAL**
[54] **METHODE DE TRI OPTIQUE DE
MATERIAUX EN VRAC**
[72] GRAUDEJUS, WOLFGANG, DE
[72] BRIEM, EBERHARD, DE
[72] HAETTICH, WILHELM, DE
[72] GEISSELMANN, HERIBERT, DE
[73] REEMTSMA
CIGARETTENFABRIKEN GMBH, DE
[22] 1994-11-28
[30] DE (P 43 45 106.3) 1993-12-28

[11] **2,138,264**
[13] C

[51] **Int.Cl. 5C07C 69/94 5C07D 321/10
5C07D 319/22 5C07C 67/347 5C07D 317/
70**
[25] EN
[54] **PREPARATION OF COMPOUNDS
OF LIGNAN SERIES**
[54] **PREPARATION DU COMPOSES DE
LA SERIE DE LA LIGNANE**
[72] MORI, SACHIO, JP
[72] TAKECHI, SHOZO, JP
[72] KIDA, SHIRO, JP
[73] SHIONOGI & CO., LTD., JP
[85] 1994-12-15
[86] 1994-04-12 (PCT/JP1994/000612)
[87] (WO1994/024087)
[30] JP (089944/1993) 1993-04-16

[11] **2,138,630**
[13] C

[51] **Int.Cl. 5G06F 15/403**
[25] EN
[54] **DISTRIBUTED FILE SYSTEM**
[54] **SYSTEME D'ARCHIVAGE
REPARTI**
[72] WHITNEY, ALAN, US
[72] NEEMAN, YUVAL, US
[72] KONERU, SUDHEER, US
[72] SHAH, MILAN, US
[72] COOK, PETER J., US
[72] MILLER, ARNOLD S., US
[73] MICROSOFT CORPORATION, US
[22] 1994-12-20
[30] US (08/174,910) 1993-12-29

[11] **2,140,875**
[13] C

[51] **Int.Cl. 6C09D 5/10**
[25] EN
[54] **THERMOPLASTIC ANTI-
CORROSION COATINGS FOR METALS**
[54] **REVETEMENTS
THERMOPLASTIQUES ANTI-
CORROSION POUR METAUX**
[72] STATZ, ROBERT J., US
[73] THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA, US
[85] 1995-01-23
[86] 1993-08-13 (PCT/US1993/007481)
[87] (WO1994/004354)
[30] US (07/931,372) 1992-08-18

[11] **2,141,223**
[13] C

[51] **Int.Cl. 6G01S 5/06 6G01S 5/14**
[25] EN
[54] **MULTIPATH TOLERANT
LOCATION SYSTEM AND METHOD
THEREFOR**
[54] **SYSTEME ET METHODE DE
LOCALISATION INSENSIBLES AUX
TRAJETS MULTIPLES**
[72] ERICKSON, BART J., US
[72] ANDERSON, NEAL R., US
[73] MOTOROLA, INC., US
[22] 1995-01-27
[30] US (08/209,171) 1994-03-10

[11] **2,141,418**
[13] C

[51] **Int.Cl. 6B29C 47/70 6B29C 47/06**
[25] EN
[54] **DISTRIBUTOR HEAD FOR
FORMING A TUBULAR PROFILE
FROM ONE OR MORE STREAMS OF
EXTRUDED THERMOPLASTIC
MATERIAL**
[54] **TETE DE DISTRIBUTION POUR LE
FORMAGE DE PROFILES
TUBULAIRES A PARTIR DE FILS DE
MATERIAU THERMOPLASTIQUE
EXTRUDE**
[72] VEEN, HENDRIK WILLEM, NL
[73] ROLLEPAAL HOLDING B.V., NL
[85] 1995-01-30
[86] 1993-07-30 (PCT/NL1993/000165)
[87] (WO1994/004341)
[30] NL (9201457) 1992-08-14

[11] **2,142,310**
[13] C

[51] **Int.Cl. 6A01C 1/00 6A01H 4/00**
[25] EN
[54] **PREGERMINATED SEEDS**
[54] **SEMENCES PREGERMEES**
[72] BRUGGINK, GERHARD TONKO, NL
[72] VAN DER TOORN, PETER, NL
[73] SYNGENTA PARTICIPATIONS AG,
CH
[22] 1993-08-31
[30] GB (9218513.1) 1992-09-01
[30] GB (9225392.1) 1992-12-04

[11] **2,142,360**
[13] C

[51] **Int.Cl. 6B01D 3/20**
[25] EN
[54] **HIGH CAPACITY TRAY FOR GAS-
LIQUID CONTACT APPARATUS**
[54] **PLATEAU GRANDE CAPACITE
POUR INSTALLATIONS DE
SEPARATION GAZ-LIQUIDE**
[72] NUTTER, DALE E., US
[73] THE NUTTER ENGINEERING
BUSINESS UNIT OF THE PATTERSON-
KELLEY DIVISION OF HARSCO
CORPORATION, US
[85] 1995-02-13
[86] 1994-06-15 (PCT/US1994/006751)
[87] (WO1995/000239)
[30] US (077,613) 1993-06-17

Canadian Patents Issued
April 6, 2004

[11] **2,143,847**
[13] C
[51] Int.Cl. 6H02K 1/22 6H02K 15/02
[25] EN
[54] **A FIBRE REINFORCED ROTOR ROTOR A FIBRES DE RENFORT**
[72] TARRANT, COLIN DAVID, GB
[73] BRITISH NUCLEAR FUELS PLC, GB
[85] 1995-03-03
[86] 1993-09-06 (PCT/GB1993/001881)
[87] (WO1994/006193)
[30] GB (9218928.1) 1992-09-07
[30] GB (9313945.9) 1993-07-06

[11] **2,144,413**
[13] C
[51] Int.Cl. 6G01C 19/66
[25] EN
[54] **LASER GYRO SMART DIGITAL PLC ACQUISITION CONTROL COMMANDE D'ACQUISITION POUR CONTROLEUR DE LONGUEUR DE TRAJET NUMERIQUE INTELLIGENT INCORPORA A UN GYROLASER**
[72] HROVAT, ALBERT C., US
[73] HONEYWELL INC., US
[85] 1995-03-10
[86] 1993-10-20 (PCT/US1993/010039)
[87] (WO1994/010534)
[30] US (07/963,772) 1992-10-20

[11] **2,146,856**
[13] C
[51] Int.Cl. 6A61B 5/14 6G01N 21/75
[25] EN
[54] **METHOD AND APPARATUS FOR NON-INVASIVE MEASUREMENT OF BLOOD SUGAR LEVEL METHODE ET APPAREIL POUR LE DOSAGE DE LA GLYCEMIE SANS EFFRACTION**
[72] KOASHI, KATSUE, JP
[72] MINAMI, SHIGEO, JP
[73] KURASHIKI BOSEKI KABUSHIKI KAISHA, JP
[85] 1995-04-11
[86] 1993-08-12 (PCT/JP1993/001140)
[87] (WO1995/005120)

[11] **2,146,877**
[13] C
[51] Int.Cl. 6C07D 249/10 6A01N 57/32 6A01N 47/38 6C07F 9/6518
[25] EN
[54] **SULPHONYL AMINO CARBONYL TRIAZOLINONES SULFONYLAMINOCARBONYL TRIAZOLINONES**
[72] FINDEISEN, KURT, DE
[72] LINKER, KARL-HEINZ, DE
[72] KLUTH, JOACHIM, DE
[72] MULLER, KLAUS-HELMUT, DE
[72] RIEBEL, HANS-JOCHEM, DE
[72] KONIG, KLAUS, DE
[72] SANTEL, HANS-JOACHIM, DE
[72] SCHMIDT, ROBERT R., DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[85] 1995-04-11
[86] 1993-10-04 (PCT/EP1993/002706)
[87] (WO1994/008979)
[30] DE (P 42 34 801.3) 1992-10-15

[11] **2,147,372**
[13] C
[51] Int.Cl. 6C12N 15/12 6C07H 21/00 6A61K 48/00 6C12Q 1/00 6A01K 67/027 6C12N 5/10 6C07K 16/28 6A61K 39/395 6A61K 47/48 6G01N 33/577 6A61K 31/70 6C07K 14/705
[25] EN
[54] **MULTIDRUG RESISTANCE GENE GENE DE POLYPHARMACORESISTANCE**
[72] DEELEY, ROGER G., CA
[72] COLE, SUSAN P.C., CA
[73] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 1995-04-19
[86] 1993-10-27 (PCT/CA1993/000439)
[87] (WO1994/010303)
[30] US (07/966,923) 1992-10-27
[30] US (08/029,340) 1993-03-08

[11] **2,147,766**
[13] C
[51] Int.Cl. 6A61L 27/00
[25] EN
[54] **PROCESS FOR TREATING A METALLIC SURGICAL IMPLANT PROCEDE DE TRAITEMENT D'UN IMPLANT CHIRURGICAL EN METAL**
[72] ELLINGSEN, JAN EIRIK, NO
[72] RILLA, GUNNAR, NO
[73] ASTRA AKTIEBOLAG, SE
[85] 1995-04-24
[86] 1993-12-01 (PCT/SE1993/001032)
[87] (WO1994/013334)
[30] NO (924697) 1992-12-04

[11] **2,150,474**
[13] C
[51] Int.Cl. 6B05B 7/14 6B05B 15/02 6B05D 1/06
[25] EN
[54] **IMPROVED POWDER COATING SYSTEM FOR DIFFICULT TO HANDLE POWDERS SYSTEME AMELIORE DE POUDRAGE POUR POUDRES DIFFICILES A MANIPULER**
[72] WATANABE, TAKASHI, JP
[72] MASUDA, KENICHI, JP
[72] KASAHARA, SHIGEKI, JP
[72] SAKURAZAWA, MASASHI, JP
[73] NORDSON CORPORATION, US
[85] 1995-05-29
[86] 1993-12-16 (PCT/US1993/012391)
[87] (WO1994/013405)
[30] JP (04/354685) 1992-12-17
[30] JP (05/067634) 1993-03-03
[30] JP (05/101894) 1993-04-05
[30] JP (05/117841) 1993-04-21

[11] **2,152,215**
[13] C
[51] Int.Cl. 6H04M 11/06 6H04Q 7/22
[25] EN
[54] **MESSAGE TRANSMISSION SYSTEM SYSTEME DE TRANSMISSION DE MESSAGES**
[72] RITTER, RUDOLF, CH
[72] HERTEL, JOACHIM, DE
[73] SWISSCOM MOBILE AG, CH
[22] 1995-06-20
[30] EP (94 810 363.5) 1994-06-20

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,152,815**
[13] C

[51] **Int.Cl. 6B01J 23/00**
[25] EN
[54] **CATALYSTS WITH FINE-PARTICLE DISPERSION OF THE ACTIVE COMPONENT**
[54] **CATALYSEURS AVEC DISPERSION DU PRINCIPE ACTIF EN FINES PARTICULES**
[72] FETZER, THOMAS, DE
[72] BUECHELE, WOLFGANG, DE
[72] IRGANG, MATTHIAS, DE
[72] OTTO, BERNHARD, DE
[72] WISTUBA, HERMANN, DE
[72] BUERGER, GERT, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[85] 1995-06-27
[86] 1994-01-13 (PCT/EP1994/000083)
[87] (WO1994/016815)
[30] DE (P 43 01 469.0) 1993-01-21

[11] **2,152,823**
[13] C

[51] **Int.Cl. 6C08L 53/02**
[25] EN
[54] **LOW-TEMPERATURE-TOLERANT GELS**
[54] **GELS SUPPORTANT LES BASSES TEMPERATURES**
[72] HAMMOND, PHILIP JAMES, GB
[72] HUDSON, JOHN MICHAEL, GB
[72] GRAULUS, HENDRIK, BE
[73] RAYCHEM LIMITED, GB
[85] 1995-06-27
[86] 1994-01-28 (PCT/GB1994/000167)
[87] (WO1994/018273)
[30] GB (9301929.7) 1993-02-01

[11] **2,154,246**
[13] C

[51] **Int.Cl. 6C22C 1/08**
[25] EN
[54] **PRODUCTION OF PARTICLE-STABILIZED METAL FOAMS**
[54] **PRODUCTION DE MOUSSES METALLIQUES A PARTICULES STABILISEES**
[72] THOMAS, MARTIN, CA
[72] KENNY, DOUG, CA
[72] SANG, HARRY, CA
[73] ALCAN INTERNATIONAL LIMITED, CA
[85] 1995-07-19
[86] 1994-01-21 (PCT/CA1994/000027)
[87] (WO1994/017218)

[11] **2,154,297**
[13] C

[51] **Int.Cl. 6B60R 13/08 6B60J 5/04 6B60J 10/08**
[25] EN
[54] **SOUND ABSORBING AUTOMOTIVE WATER DEFLECTOR**
[54] **FEUILLE D'ETANCHEITE INSONORISANTE POUR PORTIERE D'AUTOMOBILE**
[72] ISAKSEN, ROBERT A., US
[73] EXCELLO SPECIALTY COMPANY (THE), US
[22] 1995-07-20
[30] US (08/279,929) 1994-07-25

[11] **2,156,072**
[13] C

[51] **Int.Cl. 6H01J 49/26**
[25] EN
[54] **CYCLOIDAL MASS SPECTROMETER AND IONIZER FOR USE THEREIN**
[54] **SPECTROMETRE DE MASSE CYCLOIDAL ET GENERATEUR D'IONS CONCU POUR UTILISATION DANS LEDIT SPECTROMETRE**
[72] KURZWEG, LUTZ, US
[73] MONITOR INSTRUMENTS CO., LLC, US
[85] 1995-08-14
[86] 1994-02-17 (PCT/US1994/001703)
[87] (WO1994/019820)
[30] US (08/020,089) 1993-02-19

[11] **2,159,666**
[13] C

[51] **Int.Cl. 6F01M 11/02**
[25] EN
[54] **VERTICAL ENGINE**
[54] **MOTEUR VERTICAL**
[72] TSUNODA, MASAKI, JP
[72] WADA, TETSU, JP
[72] WATANABE, YOSHIMI, JP
[72] YOSHIDA, HIROYUKI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1995-10-02
[30] JP (263195/1994) 1994-10-03
[30] JP (263196/1994) 1994-10-03
[30] JP (263197/1994) 1994-10-03

[11] **2,165,298**
[13] C

[51] **Int.Cl. 6A63B 53/00**
[25] EN
[54] **GOLF PUTTER**
[54] **FER DROIT POUR GOLFEUR**
[72] STRAND, ALLAN M., US
[73] STRAND, ALLAN M., US
[85] 1995-12-14
[86] 1994-07-06 (PCT/US1994/007493)
[87] (WO1995/001819)
[30] US (08/088,326) 1993-07-07

[11] **2,166,308**
[13] C

[51] **Int.Cl. 6H01R 23/70 6H04Q 1/14**
[25] EN
[54] **REAR CROSS CONNECT DSX SYSTEM**
[54] **SYSTEME D'INTERCONNEXION ARRIERE**
[72] MORGENSTERN, TODD ALLEN, US
[72] DEWEY, JAMES D., US
[73] ADC TELECOMMUNICATIONS, INC., US
[85] 1995-12-28
[86] 1994-03-17 (PCT/US1994/002912)
[87] (WO1995/001665)
[30] US (08/085,343) 1993-06-30

[11] **2,166,673**
[13] C

[51] **Int.Cl. 6G06F 3/13**
[25] EN
[54] **TECHNIQUE FOR PLOTTING A VARIABLE-WIDTH SIGNAL IN A FIXED-WIDTH PLOT AREA**
[54] **METHODE POUR TRACER UN SIGNAL DE LARGEUR VARIABLE DANS UNE ZONE D'AFFICHAGE DE LARGEUR FIXE**
[72] TARAKI, YOSUF M., US
[73] SNAP-ON TOOLS COMPANY, US
[22] 1996-01-05

Canadian Patents Issued
April 6, 2004

[11] 2,168,575
[13] C

[51] Int.Cl. 6A61N 5/06
[25] EN
[54] USE OF PHOTODYNAMIC THERAPY TO TREAT PROSTATIC TISSUE
[54] UTILISATION DE LA THERAPIE PHOTODYNAMIQUE DANS LE TRAITEMENT DE L'INFLAMMATION DU TISSU PROSTATIQUE
[72] SELMAN, STEVEN H., US
[73] MEDICAL COLLEGE OF OHIO, US
[85] 1996-01-31
[86] 1994-07-08 (PCT/US1994/007755)
[87] (WO1995/008949)
[30] US (08/128,792) 1993-09-29

[11] 2,169,167
[13] C

[51] Int.Cl. 6H04N 7/025 6H04N 7/26
[25] EN
[54] CLOSED CAPTION SYSTEM FOR USE WITH COMPRESSED DIGITAL VIDEO TRANSMISSION
[54] SYSTEME DE SOUS-TITRAGE POUR LA TRANSMISSION DE SIGNAUX VIDEO NUMERIQUES COMPRIMES
[72] NEAL, CHARLES BAILEY, US
[73] THOMSON CONSUMER ELECTRONICS INC., US
[85] 1996-02-08
[86] 1993-08-20 (PCT/US1993/007827)
[87] (WO1995/006391)

[11] 2,171,113
[13] C

[51] Int.Cl. 6G11B 20/10 6G11B 20/14
[25] EN
[54] SIGNAL MODULATION METHOD, SIGNAL MODULATOR, SIGNAL DEMODULATION METHOD AND SIGNAL DEMODULATOR
[54] PROCEDE DE MODULATION DE SIGNAUX, MODULATEUR DE SIGNAUX, PROCEDE DE DEMODULATION DE SIGNAUX ET DEMODULATEUR DE SIGNAUX
[72] OKAZAKI, TORU, JP
[72] YOSHIMURA, SHUNJI, JP
[73] SONY CORPORATION, JP
[85] 1996-03-05
[86] 1995-07-07 (PCT/JP1995/001364)
[87] (WO1996/002054)
[30] JP (P6-157175) 1994-07-08

[11] 2,171,294
[13] C

[51] Int.Cl. 6A61K 9/113 6A61K 9/107 6A61K 31/205
[25] EN
[54] VISCOUS SURFACTANT EMULSION COMPOSITIONS
[54] COMPOSITIONS VISQUEUSES SURFACTIVES A BASE D'EMULSION
[72] MICHAELS, EDWIN B., US
[73] BIOSYN, INC., US
[85] 1996-03-07
[86] 1994-09-09 (PCT/US1994/010067)
[87] (WO1995/007692)
[30] US (08/121,277) 1993-09-13

[11] 2,174,140
[13] C

[51] Int.Cl. 6C12Q 1/68 6B01L 3/00 6C12M 1/00
[25] EN
[54] MICROFABRICATED, FLOWTHROUGH POROUS APPARATUS FOR DISCRETE DETECTION OF BINDING REACTIONS
[54] DISPOSITIF A MICROSTRUCTURE POREUSE ASSURANT UN ECOULEMENT PERMETTANT LA DETECTION DES REACTIONS DE LIAISON
[72] BEATTIE, KENNETH L., US
[73] LOCKHEED MARTIN ENERGY RESEARCH CORPORATION, US
[85] 1996-04-12
[86] 1994-10-27 (PCT/US1994/012282)
[87] (WO1995/011755)
[30] US (08/141,969) 1993-10-28

[11] 2,174,817
[13] C

[51] Int.Cl. 6C08L 23/04 6C08L 23/12 6C08L 23/20
[25] EN
[54] FLOORING MATERIAL
[54] MATERIAU DE REVETEMENT DE SOL
[72] LUNDQUIST, ESKIL, SE
[73] TARKETT INC., US
[22] 1996-04-23
[30] SE (9503197-7) 1995-09-15

[11] 2,175,835
[13] C

[51] Int.Cl. 6B32B 27/08 6C08K 5/54
[25] EN
[54] MULTILAYER ORIENTED HEAT SEALABLE FILM STRUCTURE OF IMPROVED MACHINABILITY
[54] PELLICULE THERMOCELLABLE ORIENTEE MULTICOUCHES, POSSEDANT UNE MACHINABILITE AMELIOREE
[72] AMBROISE, BENOIT, BE
[72] BREW, JOSEPH EDWARD, US
[72] KEUNG, JAY KIN, US
[72] SHEPPARD, KAREN ANN, LU
[72] THE-DZUY, FRANCIS TRAN, US
[73] EXXONMOBIL OIL CORPORATION, US
[85] 1996-05-03
[86] 1994-12-12 (PCT/US1994/014280)
[87] (WO1996/018497)

[11] 2,177,137
[13] C

[51] Int.Cl. 6H04N 5/08
[25] EN
[54] MEMORY EFFICIENT METHOD AND APPARATUS FOR SYNC DETECTION
[54] PROCEDE ET APPAREIL DE DETECTION DE SYNCHRONISATION A UTILISATION RATIONNELLE DE LA MEMOIRE
[72] LO, TSAI, CA
[72] MUNICH, RANDY K., CA
[72] NICHOLAS, PAUL D., CA
[73] SCIENTIFIC-ATLANTA, INC., US
[85] 1996-05-22
[86] 1994-12-05 (PCT/US1994/013666)
[87] (WO1995/015645)
[30] US (08/160,841) 1993-12-03

[11] 2,177,148
[13] C

[51] Int.Cl. 6G01V 1/18
[25] EN
[54] TRANSDUCER ARRANGEMENT
[54] SYSTEME A TRANSDUCTEUR
[72] KROKSTAD, ASBJRN, NO
[72] MJAALAND, SVEIN, NO
[72] NAKKEN, ERIK IVERSEN, NO
[73] DEN NORSKE STATS OLJESELSKAP A.S., NO
[85] 1996-05-22
[86] 1994-11-16 (PCT/NO1994/000183)
[87] (WO1995/014845)
[30] NO (934224) 1993-11-23

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,184,795**
[13] C

[51] **Int.Cl. 6E01B 27/06**
[25] EN
[54] **MACHINE FOR TREATING THE BALLAST BED OF A TRACK**
[54] **MACHINE POUR LE TRAITEMENT DU BALLAST D'UNE VOIE FERREE**
[72] THEURER, JOSEF, AT
[72] WORGOTTER, HERBERT, AT
[73] FRANZ PLASSER
BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT
[22] 1996-09-04
[30] AT (A1470/95) 1995-09-04

[11] **2,185,351**
[13] C

[51] **Int.Cl. 6A23L 1/304 6C05B 11/00 6A23K 1/175**
[25] EN
[54] **MICRONUTRIENT SUPPLEMENT**
[54] **ADDITIF ALIMENTAIRE CONTENANT UN OLIGOELEMENT**
[72] STEWARD, FREDERICK A., US
[73] HERITAGE TECHNOLOGIES, LLC, US
[85] 1996-09-11
[86] 1995-01-18 (PCT/US1995/000725)
[87] (WO1995/024834)
[30] US (08/214,804) 1994-03-15

[11] **2,187,260**
[13] C

[51] **Int.Cl. 6A61K 7/16**
[25] EN
[54] **ALKALINE ORAL HYGIENE COMPOSITION**
[54] **COMPOSITION HYGIENIQUE ORALE ALCALINE**
[72] LIBIN, BARRY M, US
[73] LIBIN, BARRY M, US
[22] 1996-10-07
[30] US (540,249) 1995-10-06

[11] **2,188,198**
[13] C

[51] **Int.Cl. 6B01D 39/04**
[25] EN
[54] **PEAT BALE FILTRATION ELEMENT**
[54] **ELEMENT FILTRANT A BALLE DE TOURBE**
[72] SIMMERING, STEPHEN G., CA
[72] MARTIN, DENNIS, CA
[73] SIMMERING, STEPHEN G., CA
[72] MARTIN, DENNIS, CA
[22] 1996-10-18
[30] US (08/545,028) 1995-10-19

[11] **2,189,103**
[13] C

[51] **Int.Cl. 6F16K 27/00 6F16L 47/02**
[25] EN
[54] **PLASTIC VALVE WITH INLET CONDUIT EXTENSION**
[54] **ROBINET EN PLASTIQUE AVEC EXTENSION DE CONDUITE D'ENTREE**
[72] KOPP, RAUN A., US
[73] OATEY CO., US
[22] 1996-10-29
[30] US (08/575,602) 1995-12-20

[11] **2,190,836**
[13] C

[51] **Int.Cl. 6H04Q 9/14 6H04B 7/00 6H04L 7/00 6H04J 3/06**
[25] EN
[54] **COMMUNICATIONS PROTOCOL FOR REMOTE DATA GENERATING STATIONS**
[54] **PROTOCOLE DE COMMUNICATIONS POUR DES STATIONS DE GENERATION DE DONNEES ELOIGNEES**
[72] JOHNSON, DENNIS F., CA
[72] MARCYNUK, DON, CA
[72] HOLOWICK, ERWIN, CA
[73] ITRON, INC., US
[85] 1996-11-20
[86] 1994-09-22 (PCT/CA1994/000533)
[87] (WO1995/032595)
[30] US (247,988) 1994-05-23

[11] **2,190,992**
[13] C

[51] **Int.Cl. 6C07C 235/56 6C07D 257/04 6A61K 31/16 6A61K 31/195 6A61K 31/245 6A61K 31/275 6C07C 235/38 6A61K 31/41 6C07C 323/42 6C07C 237/44 6C07C 311/46 6C07C 233/53 6C07C 255/60 6C07C 233/81**
[25] EN
[54] **NAPHTHALENE DERIVATIVES**
[54] **DERIVE DE NAPHTHALENE**
[72] TAKENOUCHI, KAZUYA, JP
[72] TAKAHASHI, KATSUSHI, JP
[72] HASEGAWA, MASAICHI, JP
[72] TAKEUCHI, TAKAHIRO, JP
[72] KOMORIYA, KEIJI, JP
[73] TEIJIN LIMITED, JP
[85] 1996-11-21
[86] 1995-05-30 (PCT/JP1995/001035)
[87] (WO1995/032943)
[30] JP (6/118267) 1994-05-31
[30] JP (6/320261) 1994-12-22

[11] **2,194,685**
[13] C

[51] **Int.Cl. 6A01N 63/00**
[25] EN
[54] **A METHOD OF IMPROVING THE QUALITY OF PLANT SEEDS**
[54] **PROCEDE D'AMELIORATION DE LA QUALITE DES SEMENCES VEGETALES**
[72] RELANDER, HARALD, FI
[73] OY LAHDEN POLTTIMO AB, FI
[85] 1997-01-08
[86] 1995-07-05 (PCT/FI1995/000391)
[87] (WO1996/002141)
[30] FI (943366) 1994-07-14

[11] **2,196,086**
[13] C

[51] **Int.Cl. 6B01D 17/028 6B01D 17/038**
[25] EN
[54] **SEPARATION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE SEPARATION**
[72] CLARKE, NEVILLE, AU
[73] INTERNATIONAL FLUID SEPARATION PTY. LTD., AU
[85] 1997-01-27
[86] 1995-07-28 (PCT/AU1995/000460)
[87] (WO1996/004058)
[30] AU (PM 7147) 1994-07-29

Canadian Patents Issued
April 6, 2004

[11] 2,196,131
[13] C

[51] Int.Cl. 6H01S 3/10
[25] EN
[54] EXTERNAL HIGH VOLTAGE CONTROL FOR A LASER SYSTEM
[54] SYSTEME DE COMMANDE EXTERNE DE LA HAUTE TENSION D'UN LASER
[72] DAS, PALASH P., US
[72] MIXON, CURTISS L., US
[72] EIS, RICHARD A., US
[72] PAYNE, JAMES D., US
[73] CYMER, INC., US
[22] 1997-01-28
[30] US (08/601,907) 1996-02-15

[11] 2,196,166
[13] C

[51] Int.Cl. 6A62B 7/00
[25] EN
[54] BREATHING APPARATUS
[54] RESPIRATEUR
[72] KLOCKSETH, MARTINUS OLIVER, AU
[72] JERVMO, BENGT YNGVE ROLAND, AU
[72] BERNDTSSON, GORAN BERTIL CLAES, AU
[73] SAFETY EQUIPMENT SWEDEN AB, AU
[85] 1997-01-28
[86] 1995-08-01 (PCT/AU1995/000468)
[87] (WO1996/004043)
[30] AU (PM7190) 1994-08-01
[30] AU (PN3106) 1995-05-22
[30] AU (PN1911) 1995-03-23
[30] AU (PN1909) 1995-03-23

[11] 2,196,296
[13] C

[51] Int.Cl. 6C07K 14/81 6C12P 21/02 6C12P 21/06
[25] EN
[54] PRODUCTION OF TISSUE FACTOR PATHWAY INHIBITOR
[54] PRODUCTION D'INHIBITEURS DES VOIES DU FACTEUR TISSULAIRE DE LA COAGULATION
[72] INNIS, MICHAEL A., US
[72] CREASEY, ABLA A., US
[73] CHIRON CORPORATION, US
[85] 1997-01-29
[86] 1995-07-25 (PCT/US1995/009377)
[87] (WO1996/004377)
[30] US (08/286,530) 1994-08-05

[11] 2,202,508
[13] C

[51] Int.Cl. 6H01M 4/02 6H01M 4/04 6H01M 10/04 6H01M 10/26
[25] EN
[54] BIPOLAR LITHIUM-ION RECHARGEABLE BATTERY
[54] ACCUMULATEURS ELECTRIQUES BIPOLAIRES A IONS LITHIUM
[72] HOSSAIN, SOHRAB, US
[73] YARDNEY TECHNICAL PRODUCTS, INC., US
[85] 1997-04-11
[86] 1995-09-29 (PCT/US1995/012561)
[87] (WO1996/012314)
[30] US (08/322,587) 1994-10-13
[30] US (08/456,391) 1995-06-01

[11] 2,205,817
[13] C

[51] Int.Cl. 6H05H 1/46 6B01J 19/08
[25] EN
[54] TREATMENT METHOD IN GLOW-DISCHARGE PLASMA AND APPARATUS THEREOF
[54] TRAITEMENT A DECHARGE LUMINESCENTE DU PLASMA ET APPAREIL UTILISE A CETTE FIN
[72] YUASA, MOTOKAZU, JP
[72] YARA, TAKUYA, JP
[73] SEKISUI CHEMICAL CO., LTD., JP
[22] 1997-05-22
[30] JP (8-130124) 1996-05-24
[30] JP (8-255143) 1996-09-26

[11] 2,206,049
[13] C

[51] Int.Cl. 6A41B 9/00 6B32B 31/04 6B32B 31/18 6B32B 31/20 6B29C 53/36
[25] EN
[54] METHOD, APPARATUS, AND PREFORM FOR MAKING AN UNDERGARMENT HAVING SIDE SEAMS
[54] PROCEDE, APPAREIL ET PREFORME DESTINES A LA FABRICATION D'UN SOUS-VETEMENT A COUTURES LATERALES
[72] SCHMITZ, CHRISTOPH JOHANN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-05-26
[86] 1995-12-21 (PCT/US1995/016657)
[87] (WO1996/019123)
[30] EP (94120377.0) 1994-12-22

[11] 2,207,085
[13] C

[51] Int.Cl. 6G02F 1/225 6G02B 5/28
[25] EN
[54] OPTICAL WAVEGUIDE FILTER AND A PRODUCTION PROCESS THEREOF
[54] FILTRE DE GUIDE DE LUMIERE ET METHODE DE FABRICATION DE CE FILTRE
[72] YAMAUCHI, RYOZO, JP
[72] SAKAI, TETSUYA, JP
[72] WADA, AKIRA, JP
[72] OKUDE, SATOSHI, JP
[72] SUDO, MASA-AKI, JP
[72] HIDAKA, HIROSHI, JP
[72] SHIMA, KENSUKE, JP
[72] NAKAI, MICHIOHIRO, JP
[73] FUJIKURA LTD., JP
[22] 1997-05-23
[30] JP (HEI 8-130281) 1996-05-24

[11] 2,207,162
[13] C

[51] Int.Cl. 6G06F 9/445 6H04L 12/16 6G06F 17/30
[25] EN
[54] AUTOMATIC UPDATING OF DIVERSE SOFTWARE PRODUCTS ON MULTIPLE CLIENT COMPUTER SYSTEMS
[54] MISE A JOUR AUTOMATIQUE DE PROGICIELS DIFFERENTS SUR UNE MULTIPLICITE D'ORDINATEURS CLIENTS
[72] CHENG, WILLIAM, US
[72] NARASIMHAN, BALAJI, US
[72] HWANG, KENNETH, US
[72] LIU, BING, US
[72] TRAN, JONATHAN, US
[72] RAMANUJAM, GOPAL, US
[72] KATCHAPALAYAM, BABU, US
[72] KANNAN, RAVI, US
[73] NETWORKS ASSOCIATES TECHNOLOGY, INC., US
[22] 1997-06-06
[30] US (08/660,488) 1996-06-07

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,210,561**
[13] C

[51] **Int.Cl. 6E21B 29/06 6E21B 7/08**
[25] EN
[54] **APPARATUS FOR COMPLETING A SUBTERRANEAN WELL AND ASSOCIATED METHODS OF USING SAME**
[54] **APPAREIL DE COMPLETION DE PUITES ET METHODES ASSOCIEES**
[72] DURST, DOUGLAS, US
[72] HALFORD, GENE, US
[72] LONGBOTTOM, JAMES R., US
[72] BLIZZARD, WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] WEATHERFORD/LAMB, INC., US
[22] 1997-07-04
[30] US (08/680,195) 1996-07-15

[11] **2,211,883**
[13] C

[51] **Int.Cl. 6E21B 17/18 6E21B 7/08**
[25] EN
[54] **APPARATUS FOR ESTABLISHING BRANCH WELLS FROM A PARENT WELL**
[54] **APPAREILLAGE POUR ETABLIR DES PUITES DE DERIVATION A PARTIR D'UN PUITES PRINCIPAL**
[72] OHMER, HERVE', US
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 1997-07-29
[30] US (60/022,781) 1996-07-30
[30] US (08/798,591) 1997-02-11
[30] US (08/898,700) 1997-07-24

[11] **2,215,173**
[13] C

[51] **Int.Cl. 6F28F 9/007**
[25] EN
[54] **STEPPE DIMPLED MOUNTING BRACKETS FOR HEAT EXCHANGERS**
[54] **DISPOSITIF D'ASSEMBLAGE A EXTREMITES DEPORTEES ET SAILLIES D'ECARTEMENT POUR ECHANGEURS THERMIQUES**
[72] SEILER, THOMAS, CA
[72] ANTHONY, BRIAN ALWYN, CA
[72] ZURAWEL, PETER, CA
[72] STEFANOIU, DAN CONSTANTIN, CA
[73] DANA CANADA CORPORATION / CORPORATION DANA CANADA, CA
[22] 1997-09-11

[11] **2,219,428**
[13] C

[51] **Int.Cl. 6G05B 15/02**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATIC ORDERING AND DISTRIBUTION OF ARTICLES**
[54] **METHODE ET SYSTEME DE COMMANDE AUTOMATIQUE ET DE DISTRIBUTION D'ARTICLES**
[72] KIPP, LUDWIG, US
[73] KIPP, LUDWIG, US
[22] 1997-10-27

[11] **2,220,876**
[13] C

[51] **Int.Cl. 6H01B 7/08 6H01R 27/00 6H01R 31/06 6H01R 9/07 6H01R 23/66**
[25] EN
[54] **FLAT SURFACE-MOUNTED MULTI-PURPOSE WIRE**
[54] **CABLE PLAT FLEXIBLE PLURIFONCTIONNEL SE POSANT SUR UNE SURFACE**
[72] SEXTON, ROBERT JAY, US
[73] SEXTON, ROBERT JAY, US
[85] 1997-11-12
[86] 1996-06-03 (PCT/US1996/008729)
[87] (WO1996/039704)
[30] US (08/465,466) 1995-06-05

[11] **2,221,754**
[13] C

[51] **Int.Cl. 6G08C 17/00 6H03J 9/00 6H04N 7/173 6H04N 5/44 6H04N 5/445**
[25] EN
[54] **IMPROVEMENTS IN RECEIVERS FOR TELEVISION SIGNALS**
[54] **AMELIORATIONS DES RECEPTEURS DE SIGNAUX DE TELEVISION**
[72] HOLLIDAY, DAVID, GB
[72] TOWNSEND, CHRISTOPHER PETER, GB
[72] CROSSLEY, ROBIN, GB
[72] WEBBER, ALUN DAVID, GB
[73] BRITISH SKY BROADCASTING LTD., GB
[85] 1997-11-20
[86] 1996-05-22 (PCT/GB1996/001228)
[87] (WO1996/037996)
[30] GB (9510429.5) 1995-05-22
[30] GB (9519651.5) 1995-09-27

[11] **2,223,927**
[13] C

[51] **Int.Cl. 6G01N 33/52 6C09B 55/00 6C09B 57/00 6C07F 5/00 6C09B 23/02 6C07F 5/02 6G01N 33/50 6G01N 21/66 6G01N 21/76**
[25] EN
[54] **DETECTION OF TRANSMEMBRANE POTENTIALS BY OPTICAL METHODS**
[54] **DETECTION PAR PROCEDES OPTIQUES DES POTENTIELS TRANSMEMBRANAIRES**
[72] GONZALES, JESUS E., III, US
[72] TSIEN, ROGER Y., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 1997-12-05
[86] 1996-06-06 (PCT/US1996/009652)
[87] (WO1996/041166)
[30] US (08/481,977) 1995-06-07

[11] **2,224,478**
[13] C

[51] **Int.Cl. 6A61F 2/34**
[25] FR
[54] **IMPLANT COTYLOIDIEN FIXE SANS CIMENT**
[54] **COTYLOIDAL IMPLANT FIXED WITHOUT CEMENT**
[72] CHARLET, CLAUDE, FR
[72] CARTILLIER, JEAN-CLAUDE, FR
[72] MACHENAUD, ALAIN, FR
[72] SEMAY, JEAN-MARC, FR
[72] VIDALAIN, JEAN-PIERRE, FR
[72] SETIEY, LOUIS, FR
[72] BALAY, BRUNO, FR
[73] CHARLET, CLAUDE, FR
[73] CARTILLIER, JEAN-CLAUDE, FR
[73] MACHENAUD, ALAIN, FR
[73] SEMAY, JEAN-MARC, FR
[73] VIDALAIN, JEAN-PIERRE, FR
[73] SETIEY, LOUIS, FR
[73] BALAY, BRUNO, FR
[85] 1998-01-19
[86] 1997-05-14 (PCT/FR1997/000860)
[87] (WO1997/042913)
[30] FR (96/06243) 1996-05-14
[30] FR (96/06244) 1996-05-14

Canadian Patents Issued
April 6, 2004

[11] **2,225,254**
[13] C
[51] **Int.Cl. 6D04H 1/46 6D04H 18/00**
[25] EN
[54] **METHODS AND APPARATUS FOR MAKING RING-SHAPED PARTS OUT OF A COMPOSITE MATERIAL, AS WELL AS PREFORMS THEREFOR**
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION DE PIECES ANNULAIRES EN MATERIAU COMPOSITE ET DE PREFORMES POUR CES PIECES**
[72] OLRV, PIERRE, FR
[72] JOUIN, JEAN-MARIE, FR
[72] COUPE, DOMINIQUE, FR
[73] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNEC MA", FR
[85] 1997-12-18
[86] 1996-06-18 (PCT/FR1996/000933)
[87] (WO1997/000345)
[30] FR (95/07280) 1995-06-19

[11] **2,225,521**
[13] C
[51] **Int.Cl. 6A61B 17/36 6A61M 37/00**
[25] EN
[54] **LASER ASSISTED DRUG DELIVERY APPARATUS**
[54] **APPAREIL D'ADMINISTRATION D'UN MEDICAMENT ASSISTE AU LASER**
[72] HARMAN, STUART D., US
[72] WITHAM, LARRY, US
[72] LATHROP, ROBERT LINCOLN III, US
[72] MUELLER, RICHARD L., US
[72] DANIEL, STEVEN A., US
[72] RICHARDSON, BRUCE J., US
[72] MURPHY-CHUTORIAN, DOUGLAS, US
[73] ECLIPSE SURGICAL TECHNOLOGIES, INC., US
[22] 1997-12-22
[30] US (08/773,430) 1996-12-27
[30] US (08/773,872) 1996-12-27

[11] **2,225,967**
[13] C
[51] **Int.Cl. 6B62B 7/12**
[25] EN
[54] **CRADLE TYPE BABY CARRIAGE**
[54] **VOITURE D'ENFANT**
[72] SONG, ZHENGHUAN, CN
[73] JIANGSU GOODBABY GROUP CORP., CN
[85] 1997-12-30
[86] 1996-02-14 (PCT/CN1996/000015)
[87] (WO1996/025316)
[30] CN (95111534.0) 1995-02-15

[11] **2,227,355**
[13] C
[51] **Int.Cl. 6F25D 25/02**
[25] EN
[54] **BASKET MOUNTING ARRANGEMENT FOR A REFRIGERATOR**
[54] **MONTAGE D'UN PANIER POUR REFRIGERATEUR**
[72] ATALLA, SAMIR, CA
[72] SIMMONS, ED, CA
[73] CAMCO INC., CA
[22] 1998-01-19

[11] **2,227,885**
[13] C
[51] **Int.Cl. 6A63H 11/18**
[25] EN
[54] **A MOVEMENT ASSEMBLY PARTICULARLY FOR THE LEGS OF A DOLL**
[54] **MECANISME DE MOUVEMENT, EN PARTICULIER POUR LES JAMBES D'UNE POUPEE**
[72] MIGLIORATI, SOSTENE, IT
[73] GIOCHI PREZIOSI S.P.A., IT
[22] 1998-01-27
[30] IT (MI97A001181) 1997-05-20

[11] **2,228,114**
[13] C
[51] **Int.Cl. 6F02B 67/06 6F02B 39/02 6B62D 55/07**
[25] EN
[54] **PUMP DRIVE STRUCTURE FOR A TWO-CYCLE ENGINE**
[54] **DISPOSITION D'ENTRAINEMENT DE POMPE POUR UN MOTEUR A DEUX TEMPS**
[72] IZUMI, YOSHIO, JP
[72] YOKOTANI, HITOSHI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-01-29
[30] JP (9-053786) 1997-01-31

[11] **2,231,927**
[13] C
[51] **Int.Cl. 6A61F 2/04 6A61F 2/06**
[25] EN
[54] **FLUID ACTUATED STENT DELIVERY SYSTEM**
[54] **DISPOSITIF HYDRAULIQUE POUR L'IMPLANTATION D'UN EXTENSEUR**
[72] FIELDER, GARY R., US
[73] SCHNEIDER (USA) INC., US
[22] 1998-03-11
[30] US (08/816,077) 1997-03-13

[11] **2,232,136**
[13] C
[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **WEB SERVER MECHANISM FOR PROCESSING FUNCTION CALLS FOR DYNAMIC DATA QUERIES IN A WEB PAGE**
[54] **MECANISME DE SERVEUR WEB DESTINE AU TRAITEMENT D'APPELS DE FONCTION POUR DES CONSULTATIONS DE DONNES DYNAMIQUES DANS UNE PAGE WEB**
[72] STEWART, GORDON GREGORY, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 1998-03-16
[86] 1996-12-05 (PCT/US1996/019379)
[87] (WO1997/045799)
[30] US (08/657,834) 1996-05-31

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,233,093**
[13] C

[51] **Int.Cl. 6E21B 43/00**
[25] EN
[54] **ASSEMBLY AND PROCESS FOR DRILLING AND COMPLETING MULTIPLE WELLS**
[54] **ENSEMBLE ET PROCEDE POUR FORER ET COMPLETER DES PUITTS MULTIPLES**
[72] COLLINS, GARY J., US
[72] BAUGH, JOHN LINDLEY, US
[72] TRAHAN, KEVIN O., US
[73] MARATHON OIL COMPANY, US
[85] 1998-03-26
[86] 1996-09-05 (PCT/US1996/014066)
[87] (WO1997/015747)
[30] US (548,565) 1995-10-26

[11] **2,234,818**
[13] C

[51] **Int.Cl. 6H01T 13/52 6H01T 13/14**
[25] EN
[54] **A SPARK PLUG**
[54] **BOUGIE D'ALLUMAGE**
[72] YOSHIDA, KAZUMASA, JP
[72] KOKUBU, AKIO, JP
[72] MATSUBARA, YOSHIHIRO, JP
[73] NGK SPARK PLUG CO., LTD., JP
[22] 1998-04-14
[30] JP (96825/97) 1997-04-15

[11] **2,239,399**
[13] C

[51] **Int.Cl. 6H01J 49/26 6H01J 49/04 6H01J 49/40**
[25] EN
[54] **AXIAL EJECTION IN A MULTIPOLE MASS SPECTROMETER**
[54] **EJECTION AXIALE DANS UN SPECTROMETRE DE MASSE MULTIPOLAIRE**
[72] HAGER, JAMES W., CA
[73] MDS INC., CA
[22] 1998-06-02
[30] US (09/087,909) 1998-06-01

[11] **2,240,217**
[13] C

[51] **Int.Cl. 6F16N 15/00 6B61H 13/02 6B60T 15/02 6B61H 13/34**
[25] EN
[54] **BRAKE VALVE LATCH WITH ENHANCED LUBRICITY**
[54] **ENCLenchement DE ROBINETS DE FREIN AVEC POUVOIR LUBRIFIANT AMELIORE**
[72] GOETTEL, WALTER E., US
[72] DRAHUSZ, GEORGE JR., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-06-09
[30] US (069,356) 1998-04-29

[11] **2,241,596**
[13] C

[51] **Int.Cl. 6H04L 5/22 6H04L 1/08**
[25] EN
[54] **HIGH-PENETRATION TRANSMISSION METHOD FOR A RADIOCOMMUNICATION SYSTEM**
[54] **PROCEDE DE TRANSMISSION A FORTE PENETRATION POUR SYSTEME DE RADIOCOMMUNICATIONS**
[72] DENT, PAUL W., SE
[72] CHENNAKESHU, SANDEEP, US
[72] RYDBECK, NILS, US
[72] HASSAN, AMER A., US
[73] ERICSSON, INC., US
[85] 1998-06-24
[86] 1996-12-23 (PCT/US1996/020640)
[87] (WO1997/024827)
[30] US (08/579,015) 1995-12-27

[11] **2,241,960**
[13] C

[51] **Int.Cl. 6D02G 3/04 6A41D 13/00 6D02G 3/44**
[25] EN
[54] **CUT RESISTANT YARN AND FABRIC**
[54] **FIL ET TISSU RESISTANTS AUX COUPURES**
[72] PRICKETT, LARRY JOHN, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1998-07-02
[86] 1996-12-31 (PCT/US1996/020930)
[87] (WO1997/025464)
[30] US (60/009,718) 1996-01-05

[11] **2,242,662**
[13] C

[51] **Int.Cl. 6D21F 3/02**
[25] EN
[54] **MACHINE DIRECTION PROFILING OF EXTENDED NIP PRESS SHOE**
[54] **PROFILAGE D'UN SABOT DE PRESSE A PINCE ALLONGEE DANS LE SENS D'AVANCEMENT**
[72] MONROE, PAUL D., US
[73] METSO PAPER INC., FI
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1998-07-10
[30] US (08/908,853) 1997-08-08

[11] **2,242,886**
[13] C

[51] **Int.Cl. 6A61B 5/00**
[25] EN
[54] **SYSTEM FOR MULTI-SITE SKIN TESTING AND COMPONENTS THEREOF**
[54] **DISPOSITIF POUR EPREUVES CUTANEEES SUR SITES MULTIPLES ET SES COMPOSANTS**
[72] HEIN, GARY L., US
[73] LINCOLN DIAGNOSTICS, INC., US
[85] 1998-07-13
[86] 1997-01-08 (PCT/US1997/000044)
[87] (WO1997/024977)
[30] US (08/583,771) 1996-01-11

[11] **2,243,210**
[13] C

[51] **Int.Cl. 6H04M 1/74 6H04L 5/14**
[25] EN
[54] **TIME-DUPLEX WIRELESS TELEPHONE WITH IMPROVED HEARING-AID COMPATIBILITY**
[54] **TELEPHONE SANS FIL DUPLEXE DANS LE TEMPS PRESENTANT UNE COMPATIBILITE AMELIOREE AVEC LES APPAREILS AUDITIFS**
[72] DENT, PAUL W., US
[73] ERICSSON, INC., US
[85] 1998-07-16
[86] 1997-01-24 (PCT/US1997/001147)
[87] (WO1997/027682)
[30] US (08/591,061) 1996-01-25

Canadian Patents Issued
April 6, 2004

[11] **2,243,907**
[13] C
[51] **Int.Cl. 6B65B 43/28 6B65B 43/36**
[25] EN
[54] **PACKAGING MACHINE AND METHOD**
[54] **MACHINE D'EMBALLAGE ET METHODE CONNEXE**
[72] WEHRMANN, RICK S., US
[72] LERNER, BERNARD, US
[72] HESS, RICHARD W., US
[73] AUTOMATED PACKAGING SYSTEMS, INC., US
[22] 1993-08-06
[62] 2,103,688
[30] US (954,378) 1992-09-30

[11] **2,244,569**
[13] C
[51] **Int.Cl. 6H04L 12/14 6H04L 29/06 6H04L 12/24 6H04L 12/56**
[25] EN
[54] **TECHNIQUE FOR LIMITING NETWORK CONGESTION**
[54] **TECHNIQUE DE LIMITATION DE L'ENCOMBREMENT DE RESEAU**
[72] ODLYZKO, ANDREW M., US
[73] AT&T CORP., US
[22] 1998-08-07
[30] US (08/908,689) 1997-08-07

[11] **2,244,653**
[13] C
[51] **Int.Cl. 6H01R 13/58**
[25] EN
[54] **STRAIN RELIEF APPARATUS FOR USE IN A COMMUNICATION PLUG**
[54] **DISPOSITIF DE SOULAGEMENT DE CONTRAINTE POUR FICHE DE CONNEXION POUR CABLE DE COMMUNICATION**
[72] CHAPMAN, JAMES STEPHEN, US
[72] GARIBAY, CARLOS, US
[72] CHAVEZ, CARLOS FRANCISCO, US
[72] REICHARD, GEORGE WILLIS JR., US
[72] ENSZ, LYNDON DEE, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1998-08-10
[30] US (08/922,621) 1997-09-03

[11] **2,245,775**
[13] C
[51] **Int.Cl. 6G06K 19/077**
[25] EN
[54] **METHOD AND DEVICE FOR BONDING A WIRE CONDUCTOR**
[54] **PROCEDE ET DISPOSITIF POUR LA CONNEXION D'UN CONDUCTEUR ELECTRIQUE**
[72] RIETZLER, MANFRED, DE
[72] FINN, DAVID, DE
[73] RIETZLER, MANFRED, DE
[73] FINN, DAVID, DE
[85] 1998-08-07
[86] 1997-02-12 (PCT/DE1997/000261)
[87] (WO1997/030418)
[30] DE (196 04 840.0) 1996-02-12
[30] DE (196 19 771.6) 1996-05-17
[30] DE (196 20 242.6) 1996-05-20

[11] **2,247,406**
[13] C
[51] **Int.Cl. 6C02F 3/30 6C02F 3/12**
[25] EN
[54] **BIODEGRADABLE EFFLUENT NUTRIENT REMOVAL**
[54] **ELIMINATION DES SUBSTANCES NUTRITIVES BIODEGRADABLES D'UN EFFLUENT**
[72] POLLOCK, DAVID C., CA
[73] NORAM ENGINEERING AND CONSTRUCTORS LTD., CA
[85] 1998-08-24
[86] 1997-02-27 (PCT/CA1997/000141)
[87] (WO1997/033835)
[30] US (08/616,006) 1996-03-14

[11] **2,248,819**
[13] C
[51] **Int.Cl. 6A41D 31/02 6D04H 13/00 6D06N 7/00 6B32B 27/28**
[25] EN
[54] **IMPROVED FLOCKED ARTICLES**
[54] **ARTICLES FLOQUES AMELIORES**
[72] NORVELL, JEAN, US
[72] WAGNER, PHILIP L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 1998-09-09
[86] 1997-01-30 (PCT/US1997/001258)
[87] (WO1997/034507)
[30] US (08/618,944) 1996-03-20

[11] **2,251,856**
[13] C
[51] **Int.Cl. 6F16C 33/22 6B29C 65/48**
[25] EN
[54] **PARTIAL ARC BEARING ASSEMBLY AND METHOD OF MAKING THE SAME**
[54] **ENSEMBLE PALIER PARTIEL CYLINDRIQUE ET SON PROCEDE DE FABRICATION**
[72] ORNDORFF, ROY LEE JR., US
[72] LANGSTON, WARREN KEITH, US
[72] BRADY, PHILIP PAUL, US
[73] DURAMAX MARINE, LLC, US
[85] 1998-10-16
[86] 1997-04-18 (PCT/US1997/006768)
[87] (WO1997/039253)
[30] US (60/015,831) 1996-04-18
[30] US (08/842,857) 1997-04-17

[11] **2,252,040**
[13] C
[51] **Int.Cl. 6C10G 29/20**
[25] EN
[54] **PROCESS FOR DECREASING THE ACIDITY OF CRUDES USING CROSSLINKED POLYMERIC AMINES**
[54] **PROCEDE POUR DIMINUER L'ADICITE DE PETROLES BRUTS AU MOYEN D'AMINES POLYMERIQUES RETICULEES**
[72] SAVAGE, DAVID WILLIAM, US
[72] DALRYMPLE, DAVID CRAIG, US
[72] BALLINGER, BRUCE HENRY, US
[72] SARTORI, GUIDO, US
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[22] 1998-11-20
[30] US (992,448) 1997-12-17

[11] **2,253,822**
[13] C
[51] **Int.Cl. 6B65D 85/10 6B65B 19/12**
[25] EN
[54] **CIGARETTE PACK**
[54] **PAQUET DE CIGARETTES**
[72] PARKER, MICHAEL PATRICK, GB
[72] SAMPSON, JOHN ROGER, GB
[72] THOMAS, THEODORE ROLAND PHILIP, GB
[72] STEWART-COX, ADRIAN ROY, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 1998-11-06
[86] 1997-05-02 (PCT/GB1997/001221)
[87] (WO1997/042098)
[30] GB (9609484.2) 1996-05-07

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,255,448**
[13] C

[51] **Int.Cl. 6H02B 1/14 6H02J 9/04**
[25] EN
[54] **OPTIONAL PLUG CONNECTOR FOR A TRANSFER SWITCH HAVING A TERMINAL COMPARTMENT**
[54] **FICHE OPTIONNELLE POUR COMMUTATEUR DE TRANSFERT DOTE D'UN COMPARTIMENT TERMINAL**
[72] FLEGEL, DAVID D., US
[73] RELIANCE CONTROLS CORPORATION, US
[22] 1998-12-07
[30] US (09/062,257) 1998-04-17

[11] **2,255,878**
[13] C

[51] **Int.Cl. 6B05C 17/02 6B05D 5/06 6B05D 1/28 6B05D 1/36**
[25] EN
[54] **BIFURCATED PAINT ROLLER AND PAINTING METHOD**
[54] **ROULEAU A PEINTURE BIFURQUE ET PROCEDE DE PEINTURE**
[72] WAKAT, GEORGE H., US
[73] WAGNER SPRAY TECH CORPORATION, US
[85] 1998-11-23
[86] 1997-05-29 (PCT/US1997/009416)
[87] (WO1997/045204)
[30] US (655,408) 1996-05-30

[11] **2,256,158**
[13] C

[51] **Int.Cl. 6B23D 23/00 6E06B 9/266**
[25] EN
[54] **CUTTING APPARATUS FOR WINDOW COVERINGS AND METHODS THEREFOR**
[54] **APPAREIL ET TECHNIQUE DE COUPE POUR COUVRE-FENETRES**
[72] KUTCHMAREK, DARRELL J., US
[72] SEIDERS, RICHARD L., US
[73] SPRINGS WINDOW FASHIONS DIVISION, INC., US
[22] 1998-12-15
[30] US (60/068,039) 1997-12-18
[30] US (09/054,845) 1998-04-03

[11] **2,257,122**
[13] C

[51] **Int.Cl. 6C07K 1/113**
[25] EN
[54] **METHOD OF ACTIVATING DENATURED PROTEIN**
[54] **PROCEDE D'ACTIVATION DE PROTEINE DENATUREE**
[72] GROSSMANN, ADELBERT, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
[85] 1998-12-03
[86] 1997-06-11 (PCT/EP1997/003026)
[87] (WO1997/047735)
[30] EP (96109288.9) 1996-06-11
[30] EP (96110109.4) 1996-06-22

[11] **2,257,193**
[13] C

[51] **Int.Cl. 6D03D 15/00 6A41D 31/00 6F41H 1/02**
[25] EN
[54] **PENETRATION-RESISTANT ARAMID ARTICLE**
[54] **PROTEINE MIP (PROTEINE INTERAGISSANT AVEC LA MKK3 [(PROTEINE KINASE ACTIVEE PAR LE MITOGENE)-KINASE-3])**
[72] CHIOU, MINSHON J., US
[72] MINER, LOUIS HENRY, US
[72] FOY, BRIAN EMMETT, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1998-11-30
[86] 1997-06-23 (PCT/US1997/010886)
[87] (WO1997/049849)
[30] US (08/669,655) 1996-06-24

[11] **2,258,248**
[13] C

[51] **Int.Cl. 6H01B 3/20**
[25] EN
[54] **HIGH OLEIC ACID ELECTRICAL INSULATION FLUIDS AND METHOD OF MAKING THE SAME**
[54] **FLUIDES ISOLANTS RICHES EN ACIDE OLEIQUE ET PROCEDE DE FABRICATION ASSOCIE**
[72] CLAIBORNE, C. CLAIR, US
[72] OOMMEN, THOTTATHIL V., US
[73] ABB INC., US
[85] 1998-12-16
[86] 1997-06-11 (PCT/US1997/010045)
[87] (WO1997/049100)
[30] US (08/665,721) 1996-06-18

[11] **2,258,815**
[13] C

[51] **Int.Cl. 6C25C 3/16 6C25C 3/06**
[25] EN
[54] **A COLLECTOR BAR FOR THE PRODUCTION OF MOLTEN METAL BY ELECTROLYSIS**
[54] **BARRES COLLECTRICES POUR LA PRODUCTION PAR ELECTROLYSE DE METAL EN FUSION**
[72] PATE, RAY H., US
[73] PATE, RAY H., US
[22] 1999-01-05
[30] US (09/003,092) 1998-01-06

[11] **2,258,938**
[13] C

[51] **Int.Cl. 6H04Q 7/28 6H04J 3/17**
[25] EN
[54] **METHOD AND APPARATUS FOR EFFICIENT SYSTEM ACCESS IN A DISPATCH SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT UN ACCES AU SYSTEME EFFICACE DANS UN SYSTEME DE GESTION D'UNE FLOTTE DE MOBILES**
[72] LEKVEN, ERIC J., US
[72] GROB, MATTHEW S., US
[72] YAO, YU-DONG, US
[73] QUALCOMM INCORPORATED, US
[85] 1998-12-23
[86] 1997-06-23 (PCT/US1997/010832)
[87] (WO1997/050267)
[30] US (08/671,131) 1996-06-24
[30] US (08/671,132) 1996-06-24

[11] **2,259,174**
[13] C

[51] **Int.Cl. 6A61N 1/32**
[25] EN
[54] **LOW FREQUENCY THERAPY METHOD, LOW FREQUENCY THERAPY APPARATUS AND LOW FREQUENCY THERAPY SYSTEM**
[54] **PROCEDE THERAPEUTIQUE A BASSES FREQUENCES, APPAREIL THERAPEUTIQUE A BASSES FREQUENCES ET SYSTEME THERAPEUTIQUE A BASSES FREQUENCES**
[72] MATSUURA, MASAYUKI, JP
[73] MATSUURA, MASAYUKI, JP
[85] 1998-11-26
[86] 1997-05-30 (PCT/JP1997/001849)
[87] (WO1997/045159)
[30] JP (8/137950) 1996-05-31

**Canadian Patents Issued
April 6, 2004**

[11] **2,260,005**
[13] C

[51] **Int.Cl. 6H01M 2/16**
[25] EN
[54] **GLASS FIBER SEPARATORS FOR BATTERIES**
[54] **SEPARATEURS EN FIBRES DE VERRE POUR ACCUMULATEURS**
[72] ZGURIS, GEORGE C., US
[72] HARMON, FRANK C., JR., US
[73] HOLLINGSWORTH & VOSE COMPANY, US
[85] 1999-01-06
[86] 1997-06-30 (PCT/US1997/011579)
[87] (WO1998/000875)
[30] US (60/021,154) 1996-07-01

[11] **2,260,236**
[13] C

[51] **Int.Cl. 6A61F 13/02**
[25] EN
[54] **NON-SLIP BANDAGE**
[54] **BANDAGE QUI NE GLISSE PAS**
[72] BERNHARD, MARK JULIAN, GB
[73] RECORDE LIMITED, GB
[73] BERNHARD, MARK, CA
[85] 1999-01-08
[86] 1997-07-10 (PCT/GB1997/001861)
[87] (WO1998/002120)
[30] GB (9613785.6) 1996-07-12
[30] US (029,816) 1996-10-25

[11] **2,260,996**
[13] C

[51] **Int.Cl. 6B22D 11/06**
[25] EN
[54] **A METHOD FOR THE CONTINUOUS CASTING OF THIN METAL PRODUCTS, AND APPARATUS FOR CARRYING OUT THE SAME**
[54] **PROCEDE DE MOULAGE EN CONTINU DE PRODUITS DE METALLURGIE MINCES ET APPAREIL DE FABRICATION DESDITS PRODUITS**
[72] TONELLI, RICCARDO, IT
[72] CAPOTOSTI, ROMEO, IT
[72] TOLVE, PIETRO, IT
[73] ACCIAI SPECIALI TERNI S.P.A., IT
[73] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT
[85] 1999-01-18
[86] 1997-07-09 (PCT/IT1997/000161)
[87] (WO1998/002264)
[30] IT (RM96A000506) 1996-07-16

[11] **2,261,682**
[13] C

[51] **Int.Cl. 6G01M 13/00 6D21F 5/00 6G01N 29/04 6G01N 29/18**
[25] EN
[54] **ULTRASONIC DEVICE FOR INSPECTION OF METAL PARTS**
[54] **DISPOSITIF ULTRASONORE DESTINE A L'INSPECTION DE PIECES METALLIQUES**
[72] WHITE, DENNIS A., US
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] METSO PAPER INC., FI
[85] 1999-01-28
[86] 1997-05-29 (PCT/US1997/009565)
[87] (WO1998/005954)
[30] US (08/690,763) 1996-08-01

[11] **2,264,102**
[13] C

[51] **Int.Cl. 6F16C 13/00**
[25] EN
[54] **CALENDER**
[54] **CALANDRE**
[72] KUSTERS, KARL-HEINZ, DE
[73] EDUARD KUSTERS MASCHINENFABRIK GMBH & CO. KG, DE
[85] 1999-02-15
[86] 1997-07-03 (PCT/DE1997/001402)
[87] (WO1998/006951)
[30] DE (196 32 769.5) 1996-08-14

[11] **2,264,175**
[13] C

[51] **Int.Cl. 6H03G 3/34 6H04B 1/56**
[25] EN
[54] **MUTING A MICROPHONE IN RADIOCOMMUNICATION SYSTEMS**
[54] **REGLAGE SILENCIEUX D'UN MICROPHONE DANS DES SYSTEMES DE COMMUNICATIONS RADIOTELEPHONIQUES**
[72] ELOFSSON, KJELL RICHARD, SE
[72] SVENSSON, HANS FREDRIK, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-02-25
[86] 1997-08-22 (PCT/SE1997/001385)
[87] (WO1998/009374)
[30] US (08/697,569) 1996-08-28

[11] **2,266,072**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **PACKET FILTERING IN CONNECTION-BASED SWITCHING NETWORKS**
[54] **FILTRAGE DE PAQUETS DANS DES RESEAUX DE COMMUTATION A TRANSMISSION AVEC CONNEXION**
[72] CIOLI, JEFFREY, US
[72] DIPIETRO, JASON, US
[73] ENTERASYS NETWORKS, INC., US
[85] 1999-03-18
[86] 1997-09-18 (PCT/US1997/016635)
[87] (WO1998/012840)
[30] US (08/716,056) 1996-09-19

[11] **2,266,169**
[13] C

[51] **Int.Cl. 6B65G 67/60 6B63B 27/30**
[25] EN
[54] **FLOATING STRUCTURE FOR THE TRANSFER OF CARGO**
[54] **STRUCTURE FLOTTANTE DE TRANSFERT DE CARGAISON**
[72] SRIDHAR, SIDNEY, CA
[73] SEMISUB TRANSSHIPPERS INC., BB
[22] 1999-03-17
[30] US (09/044,152) 1998-03-19

[11] **2,267,607**
[13] C

[51] **Int.Cl. 6B62D 33/067 6B62D 49/00**
[25] EN
[54] **PIVOT ASSEMBLY FOR A VEHICLE CAB**
[54] **BLOC-PIBOT POUR HABITACLE DE VEHICULE**
[72] THOMPSON, GRAHAM, US
[72] DIMITRIJEVIC, MILAN, DE
[73] DEERE & COMPANY, US
[22] 1999-04-15
[30] DE (198 20 377.2) 1998-05-07

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,269,077**
[13] C

[51] **Int.Cl. 6C12N 15/12 6A61K 38/18 6C12N 1/21 6C07K 14/50 6C12N 15/62 6C12N 15/70**
[25] EN
[54] **KERATINOCYTE GROWTH FACTOR-2 PRODUCTS**
[54] **PRODUITS A BASE DU FACTEUR DE CROISSANCE 2 DES KERATINOCYTES**
[72] NARHI, LINDA OWERS, US
[72] OSSSLUND, TIMOTHY DAVID, US
[73] AMGEN INC., US
[85] 1999-04-14
[86] 1997-10-15 (PCT/US1997/018607)
[87] (WO1998/016642)
[30] US (60/028,493) 1996-10-15
[30] US (60/032,781) 1996-12-06
[30] US (60/033,046) 1996-12-11

[11] **2,273,207**
[13] C

[51] **Int.Cl. 6G01N 33/497 6G01N 31/22**
[25] EN
[54] **DEVICE FOR TRAPPING AND ASSAYING CARBON DIOXIDE AND METHOD OF USE**
[54] **DISPOSITIF POUR CAPTURER ET DOSER LE DIOXIDE DE CARBONE ET PROCEDE D'UTILISATION**
[72] NILSSON, STEFAN, SE
[73] NOSTER SYSTEM AB, SE
[85] 1999-05-27
[86] 1997-12-01 (PCT/SE1997/002011)
[87] (WO1998/026283)
[30] SE (9604519-0) 1996-12-09

[11] **2,274,887**
[13] C

[51] **Int.Cl. 6G01N 1/38**
[25] EN
[54] **SAMPLE DILUTION MODULE WITH OFFSET MIXING CHAMBER**
[54] **MODULE DE DILUTION D'ECHANTILLON DOTE D'UNE CHAMBRE DE MELANGE DECALEE**
[72] EHERTS, ROBERT W., US
[72] DENUNZIO, EVANDRO S., US
[73] BAYER CORPORATION, US
[22] 1999-06-15
[30] US (113,464) 1998-07-10

[11] **2,276,477**
[13] C

[51] **Int.Cl. 6A62C 37/00**
[25] EN
[54] **SPRINKLER HEAD ESCUTCHEON LOCKING RING**
[54] **BAGUE DE REGLAGE VERROUILLABLE POUR TETE D'ARROSEUR**
[72] WINEBRENNER, THOMAS E., US
[73] THE VIKING CORPORATION, US
[22] 1999-06-25
[30] US (09/112,111) 1998-07-08

[11] **2,277,097**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **BUFFERED REPEATER WITH EARLY FILLING OF TRANSMIT BUFFER**
[54] **REPETEUR A TAMPON AVEC REMPLISSAGE ANTICIPE DU TAMPON EMETTEUR**
[72] MENACHEM, AVRAHAM, IL
[72] PERLMAN, SHUKI, IL
[72] BEN-MICHAEL, SIMONI, IL
[73] ENTERASYS NETWORKS, INC., US
[85] 1999-07-06
[86] 1998-01-05 (PCT/US1998/000128)
[87] (WO1998/033283)
[30] US (08/779,877) 1997-01-06

[11] **2,277,474**
[13] C

[51] **Int.Cl. 6H03M 13/22 6H03M 13/12**
[25] EN
[54] **INTERLEAVING METHOD, INTERLEAVING APPARATUS, AND RECORDING MEDIUM IN WHICH INTERLEAVE PATTERN GENERATING PROGRAM IS RECORDED**
[54] **PROCEDE ET DISPOSITIF D'ENTRELACEMENT, ET SUPPORT D'ENREGISTREMENT DANS LEQUEL ON A ENREGISTRE UN PROGRAMME DE PRODUCTION DE MOTIFS D'ENTRELACEMENT**
[72] SUDA, HIROHITO, JP
[72] SHIBUTANI, AKIRA, JP
[73] NTT MOBILE COMMUNICATIONS NETWORK INC., JP
[85] 1999-07-09
[86] 1998-11-09 (PCT/JP1998/005027)
[87] (WO1999/025069)
[30] JP (9-307599) 1997-11-10
[30] JP (10-218377) 1998-07-31
[30] JP (10-233088) 1998-08-19

[11] **2,277,790**
[13] C

[51] **Int.Cl. 6H01M 8/04 6B60L 11/18**
[25] EN
[54] **METHOD FOR OPERATING A PEM FUEL CELL INSTALLATION AND PEM FUEL CELL INSTALLATION**
[54] **UNITE A PILES A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE ET SON PROCEDE DE FONCTIONNEMENT**
[72] STUHLER, WALTER, DE
[72] STENGER, HERBERT, DE
[72] KEIM, MARTIN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 1999-07-14
[86] 1998-01-07 (PCT/DE1998/000037)
[87] (WO1998/032185)
[30] DE (197 01 390.2) 1997-01-16

[11] **2,278,267**
[13] C

[51] **Int.Cl. 6A61D 7/00**
[25] EN
[54] **PNEUMATICALLY OPERATED VETERINARY PELLET IMPLANTER**
[54] **IMPLANTEUR DE GRANULES PNEUMATIQUE POUR USAGE VETERINAIRE**
[72] COOK, DAVID L., US
[72] ZALTA, MICHAEL J., US
[72] GRIMM, C. LOUIS (DECEASED), US
[72] GRIMM, MICHAEL L., US
[73] IVY ANIMAL HEALTH, INC., US
[22] 1999-07-20

[11] **2,279,098**
[13] C

[51] **Int.Cl. 6H04L 1/00**
[25] EN
[54] **UNEQUAL ERROR PROTECTION FOR DIGITAL BROADCASTING USING CHANNEL CLASSIFICATION**
[54] **PROTECTION INEGALE CONTRE LES ERREURS POUR LA DIFFUSION NUMERIQUE SELON LA CLASSIFICATION DES CANAUX**
[72] SINHA, DEEPEN, US
[72] SUNDBERG, CARL-ERIK WILHELM, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1999-07-29
[30] US (09/163,656) 1998-09-30

Canadian Patents Issued
April 6, 2004

[11] 2,279,325
[13] C
[51] Int.Cl. 6F42B 12/00
[25] EN
[54] IMPROVED MISSILE WARHEAD DESIGN
[54] MODELE PERFECTIONNE D'OGIVE DE MISSILE
[72] BOOTES, THOMAS H., US
[72] CASTILLO, MEL, US
[73] RAYTHEON COMPANY, US
[85] 1999-07-30
[86] 1998-12-03 (PCT/US1998/025655)
[87] (WO1999/035461)
[30] US (08/984,100) 1997-12-03

[11] 2,279,600
[13] C
[51] Int.Cl. 6B63B 22/02
[25] EN
[54] SWIVEL DRIVE ARRANGEMENT
[54] DISPOSITIF D'ENTRAINEMENT PIVOTANT
[72] POLLACK, JACK, MC
[73] SINGLE BUOY MOORINGS INC., CH
[85] 1999-07-30
[86] 1998-12-02 (PCT/EP1998/007799)
[87] (WO1999/028181)
[30] EP (97203776.6) 1997-12-02

[11] 2,279,923
[13] C
[51] Int.Cl. 6H04N 7/32
[25] EN
[54] PREDICTIVE CODING METHOD AND DECODING METHOD FOR DYNAMIC IMAGE
[54] PROCEDE DE CODAGE PREDICTIF ET PROCEDE DE DECODAGE POUR IMAGE DYNAMIQUE
[72] WATANABE, HIROSHI, JP
[72] JOZAWA, HIROHISA, JP
[72] SHIMIZU, ATSUSHI, JP
[72] KAMIKURA, KAZUTO, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 1999-08-10
[86] 1998-01-27 (PCT/JP1998/000305)
[87] (WO1998/036577)
[30] JP (9/30367) 1997-02-14

[11] 2,280,903
[13] C
[51] Int.Cl. 6B05B 1/04 6A01M 7/00 6B05B 1/16 6B05B 1/20
[25] EN
[54] SPRAY NOZZLE ARRANGEMENT
[54] ENSEMBLE BUSE DE PULVERISATION
[72] MILLER, PAUL CHARLES HARVEY, GB
[72] PAICE, MARK EDWARD RUSSELL, GB
[73] MICRON SPRAYERS LIMITED, GB
[85] 1999-08-10
[86] 1998-02-26 (PCT/GB1998/000608)
[87] (WO1998/037974)
[30] GB (9704179.2) 1997-02-28
[30] GB (9721669.1) 1997-10-13

[11] 2,282,230
[13] C
[51] Int.Cl. 6F15B 11/04 6F15B 11/042 6F15B 13/042
[25] EN
[54] HYDRAULIC RAISING APPARATUS WITH AUTOMATIC REGULATED SPEEDS
[54] APPAREIL DE LEVAGE HYDRAULIQUE A REGULATION AUTOMATIQUE DE LA VITESSE
[72] HUNG, MICHAEL, XX
[73] MVP (H.K.) INDUSTRIES LIMITED, HK
[22] 1999-09-15

[11] 2,282,826
[13] C
[51] Int.Cl. 6A47L 5/14 6A47L 7/04 6A47L 9/08
[25] EN
[54] VACUUM-CLEANER
[54] ASPIRATEUR
[72] TAKEMOTO, RITUO, JP
[73] TOSHIBA TEC KABUSHIKI KAISHA, JP
[85] 1999-08-24
[86] 1998-12-24 (PCT/JP1998/005845)
[87] (WO1999/033385)
[30] JP (9-353942) 1997-12-24
[30] JP (9-355993) 1997-12-25
[30] JP (9-360245) 1997-12-26

[11] 2,282,896
[13] C
[51] Int.Cl. 6F16J 3/02 6B32B 25/08 6B29C 45/14
[25] EN
[54] PUMP DIAPHRAGM AND METHOD FOR MAKING THE SAME
[54] DIAPHRAGME DE POMPE ET METHODE DE FABRICATION CONNEXE
[72] BENDER, MICHAEL J., US
[72] FINGAR, RICHARD E., JR., US
[73] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[22] 1999-09-17
[30] US (09/159,059) 1998-09-23

[11] 2,283,997
[13] C
[51] Int.Cl. 6A61F 13/02 6A61F 7/02
[25] EN
[54] FLEXIBLE NON-CONTACT WOUND TREATMENT DEVICE
[54] DISPOSITIF DE TRAITEMENT DE BLESSURES SANS CONTACT ET FLEXIBLE
[72] AUGUSTINE, SCOTT D., US
[72] STAPF, DONALD E., US
[72] HAMLIN, GREGORY P., US
[72] ARNOLD, RANDALL C., US
[72] LELAND, KEITH J., US
[73] ARIZANT HEALTHCARE INC., US
[85] 1999-09-10
[86] 1998-01-14 (PCT/US1998/000345)
[87] (WO1998/046179)
[30] US (08/838,618) 1997-04-11

[11] 2,284,646
[13] C
[51] Int.Cl. 6C07D 221/16 6C07C 25/02 6C07C 17/16 6C07D 213/81
[25] EN
[54] SYNTHESIS OF INTERMEDIATES USEFUL IN PREPARING TRICYCLIC COMPOUNDS
[54] SYNTHESE D'INTERMEDIAIRES UTILES DANS LA PREPARATION DE COMPOSES TRICYCLIQUES
[72] WU, GUANG-ZHONG, US
[72] CHEN, XING, US
[72] POIRIER, MARC, US
[72] WONG, YEE-SHING, US
[73] SCHERING CORPORATION, US
[85] 1999-09-20
[86] 1998-03-23 (PCT/US1998/003812)
[87] (WO1998/042676)
[30] US (08/823,928) 1997-03-25

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,286,293**
[13] C

[51] **Int.Cl. 6G01N 33/50 6C12Q 1/25 6C12Q 1/48**
[25] EN
[54] **A METHOD FOR EXTRACTING QUANTITATIVE INFORMATION RELATING TO AN INFLUENCE ON A CELLULAR RESPONSE**
[54] **PROCEDE PERMETTANT D'EXTRAIRE DES INFORMATIONS QUANTITATIVES AYANT TRAIT A UNE INFLUENCE EXERCÉE SUR UNE REPONSE CELLULAIRE**
[72] ALMHOLT, KASPER, DK
[72] TULLIN, SOREN, DK
[72] PETERSEN BJORN, SARA, DK
[72] THASTRUP, OLE, DK
[72] SCUDDER, KURT, DK
[72] ARKHAMMER, PER OLOF GUNNAR, SE
[72] TERRY, BERNARD ROBERT, DK
[73] BIOIMAGE A/S, DK
[85] 1999-10-05
[86] 1998-04-07 (PCT/DK1998/000145)
[87] (WO1998/045704)
[30] DK (0392/97) 1997-04-07

[11] **2,286,995**
[13] C

[51] **Int.Cl. 6E02B 11/00**
[25] EN
[54] **MULTI-LEVEL LEACHING SYSTEM**
[54] **SYSTEME DE LIXIVIATION A NIVEAUX MULTIPLES**
[72] PRESBY, DAVID W., US
[73] PRESBY, DAVID W., US
[22] 1999-10-19
[30] US (US 60/104751) 1998-10-19

[11] **2,287,380**
[13] C

[51] **Int.Cl. 6B01D 53/22 6B01D 71/02 6C01B 3/34 6C01B 3/38**
[25] EN
[54] **AUTOTHERMIC REACTOR COMPRISING OXYGEN ION CONDUCTING DENSE CERAMIC MEMBRANE AND PROCESS USING THE AUTOTHERMIC REACTOR FOR PRODUCING SYNTHESIS GAS**
[54] **REACTEUR AUTOTHERMIQUE COMPORTANT UNE MEMBRANE DE CERAMIQUE DENSE CONDUCTRICE D'IONS D'OXYGENE ET PROCEDE D'UTILISATION DE CE REACTEUR AUTOTHERMIQUE POUR PRODUIRE DES GAZ DE SYNTHESE**
[72] KOBYLINSKI, THADDEUS P., US
[72] UDOVICH, CARL A., US
[72] BHATTACHARYYA, ALAKANANDA, US
[72] KLEEFISCH, MARK S., US
[73] BP CORPORATION NORTH AMERICA INC., US
[85] 1999-10-19
[86] 1998-04-09 (PCT/US1998/006958)
[87] (WO1998/048921)
[30] US (08/845,310) 1997-04-25

[11] **2,287,646**
[13] C

[51] **Int.Cl. 6F27D 7/00 6F25J 3/02 6F27B 19/04**
[25] EN
[54] **METHOD FOR INTEGRATING A BLAST FURNACE AND A DIRECT REDUCTION REACTOR USING CRYOGENIC RECTIFICATION**
[54] **METHODE D'INTEGRATION D'UN HAUT FOURNEAU ET D'UN REACTEUR A REDUCTION DIRECTE AU MOYEN DE LA RECTIFICATION CRYOGENIQUE**
[72] DRNEVICH, RAYMOND FRANCIS, US
[72] SHAH, MINISH MAHENDRA, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 1999-10-26
[30] US (09/181,473) 1998-10-28

[11] **2,287,717**
[13] C

[51] **Int.Cl. 6B62D 1/16**
[25] EN
[54] **STEERING COLUMN HOLDING STRUCTURE**
[54] **STRUCTURE DE SUPPORT DE COLONNE DE DIRECTION**
[72] SHIMIZU, YOSHIYUKI, JP
[72] HATTORI, TOSHIKI, JP
[73] FUJIKIKO KABUSHIKI KAISHA, JP
[22] 1999-10-28
[30] JP (P10-311196) 1998-10-30

[11] **2,290,464**
[13] C

[51] **Int.Cl. 7H04Q 7/00**
[25] EN
[54] **A METHOD OF MAXIMIZING SPECTRAL EFFICIENCY IN A CELLULAR COMMUNICATIONS SYSTEM**
[54] **PROCEDE DE MAXIMISATION DE L'INDICE D'OCCUPATION SPECTRALE D'UN SYSTEME DE COMMUNICATIONS CELLULAIRE**
[72] SCHWINGHAMMER, PAT, US
[72] STEVENS, RANDY, US
[72] WESTLAKE, LEONARD L., US
[72] WESTALL, MURRY, US
[73] NEXTEL COMMUNICATIONS, INC., US
[85] 1999-11-15
[86] 1998-05-13 (PCT/US1998/009727)
[87] (WO1998/052364)
[30] US (08/857,684) 1997-05-16

[11] **2,293,099**
[13] C

[51] **Int.Cl. 7H01R 4/66 7H01R 12/30 7H01R 13/646**
[25] EN
[54] **EARTH GROUND TERMINAL**
[54] **BORNE DE MISE A LA TERRE**
[72] KUMAGAI, IZURU, JP
[73] TYCO ELECTRONICS LOGISTICS AG, CH
[22] 1999-12-23
[30] JP (369267/1998) 1998-12-25

Canadian Patents Issued
April 6, 2004

[11] 2,293,672
[13] C
[51] Int.Cl. 7C07D 401/04 7A61K 31/55
[25] EN
[54] TRICYCLIC KETO AMIDE
DERIVATIVES USEFUL AS FARNESYL
PROTEIN TRANSFERASE INHIBITORS
[54] DERIVES TRICYCLIQUES DE
CETO-AMIDES S'UTILISANT COMME
INHIBITEURS DE LA TRANSFERASE
DE PROTEINE DE FARNESYL
[72] DOLL, RONALD J., US
[72] ALVAREZ, CARMEN, US
[72] LALWANI, TARIK, US
[73] SCHERING CORPORATION, US
[85] 1999-12-08
[86] 1998-06-15 (PCT/US1998/011504)
[87] (WO1998/057947)
[30] US (08/877,677) 1997-06-17

[11] 2,293,787
[13] C
[51] Int.Cl. 7B65D 71/48 7B65D 5/46
[25] EN
[54] CARTON AND A HANDLE
THEREFOR
[54] CARTON ET SA POIGNEE
[72] BATES, AARON, US
[73] THE MEAD CORPORATION, US
[85] 1999-12-08
[86] 1998-06-08 (PCT/US1998/012001)
[87] (WO1998/056667)
[30] US (08/871,926) 1997-06-10

[11] 2,294,077
[13] C
[51] Int.Cl. 7B65D 71/24
[25] EN
[54] TWO-TIER CAN PACKAGE
HAVING DIVIDER PANEL AND
METHOD OF FORMING THE SAME
[54] EMBALLAGE A DEUX ETAGES
POUR BOITE PRESENTANT UN
PANNEAU SEPARATEUR ET SON
PROCEDE DE FORMATION
[72] STOUT, JAMES T., US
[73] THE MEAD CORPORATION, US
[85] 1999-12-08
[86] 1998-06-08 (PCT/US1998/011861)
[87] (WO1998/056684)
[30] US (08/871,651) 1997-06-09

[11] 2,295,377
[13] C
[51] Int.Cl. 7H01J 1/308
[25] EN
[54] ELECTRON-EMITTING DEVICE,
ELECTRON SOURCE SUBSTRATE,
ELECTRON SOURCE, DISPLAY PANEL
AND IMAGE-FORMING APPARATUS,
AND PRODUCTION METHOD
THEREOF
[54] DISPOSITIF EMETTEUR
D'ELECTRONS, SUPPORT, SOURCE
D'EMISSION, PANNEAU
D'AFFICHAGE, APPAREIL
D'IMAGERIE ET METHODE DE
PRODUCTION CONNEXES
[72] BANNO, YOSHIKAZU, JP
[72] KISHI, ETSURO, JP
[72] MIYAMOTO, MASAHIKO, JP
[72] SANDO, KAZUHIRO, JP
[72] SHIGEOKA, KAZUYA, JP
[72] HASEGAWA, MITSUTOSHI, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1995-12-15
[62] 2,165,409
[30] JP (6-313440) 1994-12-16
[30] JP (6-314420) 1994-12-19
[30] JP (7-4581) 1995-01-17
[30] JP (7-156321) 1995-06-22
[30] JP (7-320927) 1995-12-11

[11] 2,296,249
[13] C
[51] Int.Cl. 7B62D 11/00
[25] EN
[54] STEERING RESPONSIVE POWER
BOOST
[54] SERVOCOMMANDE SENSIBLE A
LA DIRECTION
[72] YODER, DENNIS ROYAL, US
[72] MAYFIELD, RONALD LEE, US
[72] MISTRY, SANJAY ISHVARLAL, US
[72] HOU, RAYMOND YIFEI, US
[72] WITTE, BENJAMIN MICHAEL, US
[72] ANDERSON, LAWRENCE VERNON,
US
[72] SCHLETZBAUM, JOHN WAYNE, US
[73] DEERE & COMPANY, US
[22] 2000-01-19
[30] US (09/257,717) 1999-02-25

[11] 2,297,018
[13] C
[51] Int.Cl. 7C09D 5/44 7C09D 5/46
[25] EN
[54] THERMAL SPRAY COATING FOR
GATES AND SEATS
[54] REVETEMENT PAR
PULVERISATION POUR ISOLATION
THERMIQUE DE CLAPETS ET DE
SIEGES
[72] QUETS, JOHN, US
[73] PRAXAIR S. T. TECHNOLOGY, INC.,
US
[22] 2000-01-26
[30] US (09/238,440) 1999-01-28

[11] 2,297,224
[13] C
[51] Int.Cl. 7C07F 7/18 7C07J 9/00 7C07F
7/10 7C08G 77/20 7C09K 19/40
[25] EN
[54] PREPARATION OF
ORGANOSILICON COMPOUNDS
CONTAINING .ALPHA.,.BETA.-
UNSATURATED CARBOXYLIC ACIDS
[54] PREPARATION DE COMPOSES
ORGANOSILICIQUES COMPORTANT
DES ACIDES CARBOXYLIQUES
.ALPHA.,.BETA.-INSATURES
[72] HANELT, ECKHARD, DE
[72] SANDMEYER, FRANK, DE
[72] HABERLE, NORMAN, DE
[72] SCHINDLER, WOLFRAM, DE
[73] CONSORTIUM FUR
ELEKTROCHEMISCHE INDUSTRIE
GMBH, DE
[22] 2000-01-26
[30] DE (199 03 333.1) 1999-01-28

[11] 2,298,457
[13] C
[51] Int.Cl. 7G01V 3/32
[25] EN
[54] NUCLEAR MAGNETIC
RESONANCE WELL LOGGING
METHOD AND APPARATUS
[54] METHODE ET APPAREIL DE
DIAGRAPHIE PAR RESONANCE
MAGNETIQUE NUCLEAIRE
[72] TAHERIAN, REZA, US
[72] GANESAN, KRISHNAMURTHY, US
[72] SUN, BOQIN, US
[72] SPEIER, PETER, US
[72] STRALEY, CHRISTIAN, US
[73] SCHLUMBERGER CANADA
LIMITED, CA
[22] 2000-02-11
[30] US (09/276049) 1999-03-25

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,299,399**
[13] C

[51] **Int.Cl. 7A61K 31/18**
[25] EN
[54] **BENZENESULFONAMIDE
INHIBITORS OF PDE-IV AND THEIR
THERAPEUTIC USE**
[54] **INHIBITEURS
BENZENESULFAMIDES DE LA
PHOSPHODIESTERASE IV ET
UTILISATION THERAPEUTIQUE DE
CES DERNIERS**
[72] MENETSKI, JOSEPH PETER, US
[72] CONNOR, DAVID THOMAS, US
[73] WARNER-LAMBERT COMPANY, US
[85] 2000-02-07
[86] 1998-11-04 (PCT/US1998/023482)
[87] (WO1999/026616)
[30] US (60/066,943) 1997-11-25

[11] **2,301,039**
[13] C

[51] **Int.Cl. 7B05D 1/00 7B05D 1/12 7B05D
1/34**
[25] EN
[54] **CEMENT-FREE REFRACTORY
CASTABLE SYSTEM FOR WET
PROCESS PUMPING/SPRAYING**
[54] **SYSTEME DE BETON
REFRACTAIRE SANS CIMENT
DESTINE A ETRE UTILISE DANS UN
PROCEDE POMPAGE/
PULVERISATION PAR VOIE HUMIDE**
[72] BONSALE, SAMUEL B., III, US
[73] NORTH AMERICAN
REFRACTORIES CO., US
[85] 2000-02-10
[86] 1998-08-12 (PCT/US1998/016804)
[87] (WO1999/008804)
[30] US (08/910,737) 1997-08-13

[11] **2,303,184**
[13] C

[51] **Int.Cl. 7F16L 51/04**
[25] EN
[54] **FLEXIBLE PIPE LOOP**
[54] **BOUCLE DE TUYAU SOUPLE**
[72] ARGERSINGER, PHILIP B., US
[72] WALSH, ROBERT J., US
[73] FLEX-HOSE CO., INC., US
[85] 2000-03-09
[86] 1998-09-08 (PCT/US1998/018637)
[87] (WO1999/013259)
[30] US (08/926,803) 1997-09-10

[11] **2,303,392**
[13] C

[51] **Int.Cl. 7H04M 7/00 7H04M 11/06**
[25] EN
[54] **APPARATUS AND METHOD TO
USE A CONVENTIONAL TELEPHONE
SET TO MAKE TELEPHONE CALLS
ON A PACKET NETWORK**
[54] **DISPOSITIF ET PROCEDE
PERMETTANT D'UTILISER UN POSTE
TELEPHONIQUE CLASSIQUE POUR
LANCER DES APPELS
TELEPHONIQUES SUR UN RESEAU A
COMMUTATION PAR PAQUETS**
[72] MENARD, FRANCOIS, CA
[73] MEDIATRIX TELECOM INC., CA
[85] 2000-03-14
[86] 1998-09-15 (PCT/CA1998/000879)
[87] (WO1999/014929)
[30] CA (2,215,681) 1997-09-16

[11] **2,303,634**
[13] C

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR
INSTANT CONSOLIDATION,
ENRICHMENT, DELEGATION AND
REPORTING IN A
MULTIDIMENSIONAL DATABASE**
[54] **SYSTEME ET METHODE DE
REGROUPEMENT,
D'ENRICHISSEMENT, DE
DELEGATION ET DE RAPPORT POUR
BASE DE DONNEES
MULTIDIMENSIONNELLE**
[72] BENSOUSSAN, PIERRE, FR
[72] DE JAEGERE, ANTOINE, FR
[73] CARTESIS, FR
[22] 2000-03-31
[30] FR (99/15305) 1999-12-01

[11] **2,304,133**
[13] C

[51] **Int.Cl. 7H04Q 7/36 7H04B 1/76**
[25] EN
[54] **CHANNEL COMMUNICATION
APPARATUS AND METHOD IN CDMA
COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE
COMMUNICATION EN MODE CANAL
DANS UN SYSTEME DE
COMMUNICATION CDMA**
[72] MOON, HI-CHAN, KR
[73] SAMSUNG ELECTRONICS CO.,
LTD., KR
[85] 2000-03-22
[86] 1999-08-04 (PCT/KR1999/000430)
[87] (WO2000/008869)
[30] KR (1998/31952) 1998-08-04
[30] KR (1998/33359) 1998-08-14
[30] KR (1998/36679) 1998-09-03

[11] **2,305,018**
[13] C

[51] **Int.Cl. 7A47L 13/142 7A47L 13/20**
[25] EN
[54] **MOP WITH WRINGING
MECHANISM**
[54] **VADROUILLE AVEC MECANISME
D'ESSORAILLE**
[72] DINGERT, UWE, DE
[73] CARL FREUDENBERG KG, DE
[22] 2000-04-12
[30] DE (P 19916626.9) 1999-04-13

[11] **2,306,005**
[13] C

[51] **Int.Cl. 6A61K 9/06 6A61K 31/795**
[25] EN
[54] **GEL PREPARATION
CONTAINING POLYSTYRENE-
SULFONATES**
[54] **PREPARATION DE GEL
CONTENANT DES SULFONATES DE
POLYSTYRENE**
[72] ANDO, MASAKI, JP
[72] HIGUCHI, FUMIO, JP
[72] NINOMIYA, HIDEAKI, JP
[72] NAKAJIMA, MASAHIRO, JP
[72] KOUZAKI, TOSHIYUKI, JP
[73] SANWA KAGAKU KENKYUSHO
CO., LTD., JP
[85] 2000-04-11
[86] 1998-10-15 (PCT/JP1998/004656)
[87] (WO1999/020247)
[30] JP (PCT/JP97/03740) 1997-10-16

Canadian Patents Issued
April 6, 2004

[11] 2,306,600
[13] C

[51] Int.Cl. 7H04M 3/533
[25] EN
[54] VOICE MESSAGING SYSTEM WHICH RETRIEVES AND STORES VOICE MESSAGES FROM ANOTHER VOICE MESSAGING SYSTEM
[54] SYSTEME DE MESSAGERIE VOCALE QUI EXTRAIT ET MEMORISE DES MESSAGES VOCAUX PROVENANT D'UN AUTRE SYSTEME DE MESSAGERIE VOCALE
[72] MOONEY, PHILIP D., US
[72] JOHANSON, JAMES A., US
[72] CANNON, JOSEPH M., US
[73] LUCENT TECHNOLOGIES INC., US
[22] 2000-04-26
[30] US (09/305,208) 1999-05-05

[11] 2,306,809
[13] C

[51] Int.Cl. 6A23G 3/30 6A23G 7/02
[25] EN
[54] CONTINUOUS GUM BASE PROCESSING SYSTEM WITH COOLING TOWERS
[54] SYSTEME DE TRAITEMENT EN CONTINU DE BASE DE GOMME UTILISANT DES TOURS DE REFROIDISSEMENT
[72] TEBRINKE, KEVIN RICHARD, US
[72] PURI, TONY R., US
[72] UPMANN, ARTHUR WILLIAM, US
[72] DUGGAN, JAMES A., US
[73] CADBURY ADAMS USA LLC, US
[85] 2000-04-18
[86] 1998-03-13 (PCT/US1998/005030)
[87] (WO1999/045791)

[11] 2,309,567
[13] C

[51] Int.Cl. 7F16J 3/02
[25] EN
[54] FLUOROPOLYMER DIAPHRAGM WITH INTEGRAL ATTACHMENT DEVICE
[54] DIAPHRAGME CONTENANT UN POLYMERE FLUORE ET AYANT UN DISPOSITIF DE FIXATION INTEGRE
[72] WUCKI, RUEBEN (DECEASED), US
[72] BENDER, MICHAEL J., US
[72] FINGAR, RICHARD E., JR., US
[73] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[22] 2000-05-26
[30] US (09/325,114) 1999-06-03

[11] 2,310,190
[13] C

[51] Int.Cl. 7H04L 27/01 7H04B 3/04
[25] EN
[54] A PARALLEL PROCESSING DECISION-FEEDBACK EQUALIZER (DFE) WITH LOOK-AHEAD PROCESSING
[54] EGALISATEUR A DECISION RETROACTIVE DE TRAITEMENT PARALLELE AVEC TRAITEMENT ANTICIPE
[72] YU, MENG-LIN, US
[72] AZADET, KAMERAN, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 2000-05-29
[30] US (09/326,781) 1999-06-04

[11] 2,310,305
[13] C

[51] Int.Cl. 7H04B 10/17
[25] EN
[54] DISTORTION COMPENSATION IN OPTICALLY AMPLIFIED LIGHTWAVE COMMUNICATION SYSTEMS
[54] COMPENSATION DE LA DISTORSION DANS DES SYSTEMES DE TELECOMMUNICATIONS A ONDES LUMINEUSES AMPLIFIEES
[72] SUN, YAN, US
[72] BANERJEE, SONALI, US
[72] SRIVASTAVA, ATUL KUMAR, US
[72] SULHOFF, JAMES WILLIAM, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 2000-05-30
[30] US (60/138,112) 1999-06-07
[30] US (09/357,228) 1999-07-20

[11] 2,311,113
[13] C

[51] Int.Cl. 7H04M 1/725 7H04M 1/00 7G01P 13/00 7H04Q 7/32
[25] EN
[54] ACCELEROMETER INFLUENCED COMMUNICATION DEVICE
[54] DISPOSITIF DE COMMUNICATION INFLUENCE PAR UN ACCELEROMETRE
[72] JOHANSON, JAMES A., US
[72] CANNON, JOSEPH M., US
[73] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-08
[30] US (09/339,893) 1999-06-25

[11] 2,311,653
[13] C

[51] Int.Cl. 6E21B 33/037
[25] EN
[54] ROV DEPLOYED TREE CAP FOR A SUBSEA TREE AND METHOD OF INSTALLATION
[54] COIFFE POUR TETE DE PRODUCTION SOUS-MARINE MISE EN PLACE PAR VEHICULE TELECOMMANDE ET TECHNIQUE DE MONTAGE
[72] VETTER, VINCENT H., US
[72] SINGEETHAM, SHIVA P., US
[72] MOURET, EDMUND M., US
[72] BARTLETT, CHRISTOPHER D., US
[72] CUNNINGHAM, CHRISTOPHER E., US
[73] FMC TECHNOLOGIES, INC., US
[85] 2000-05-24
[86] 1998-12-02 (PCT/US1998/025522)
[87] (WO1999/028593)
[30] US (60/067,434) 1997-12-03

[11] 2,311,955
[13] C

[51] Int.Cl. 7B65G 15/08 7B65G 23/44 7B65G 15/60
[25] EN
[54] BELT DRIVE FOR A BELT CONVEYOR
[54] ENTRAINEMENT PAR COURROIE POUR CONVOYEUR
[72] EPP, RICHARD J., CA
[72] EPP, DWAYNE S., CA
[73] EPP, RICHARD J., CA
[73] EPP, DWAYNE S., CA
[22] 2000-06-19
[30] US (09/391,666) 1999-09-07
[30] US (09/430,011) 1999-10-29

[11] 2,313,727
[13] C

[51] Int.Cl. 7B61H 9/00 7F16D 69/00 7B61H 1/00 7F16D 65/04
[25] EN
[54] BRAKE SHOE WITH INSERT BONDED TO BACKING PLATE
[54] SABOT DE FREIN AVEC PLAQUETTE AMOVIBLE COLLEE AU PLATEAU DE FREIN
[72] KAHR, JOSEPH C., US
[72] SHUTE, BRUCE W., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 2000-07-07
[30] US (369,983) 1999-08-06

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,315,086**
[13] C

[51] **Int.Cl. 6C21D 8/02 6C22C 38/08**
[25] EN
[54] **ULTRA-HIGH STRENGTH DUAL PHASE STEELS WITH EXCELLENT CRYOGENIC TEMPERATURE TOUGHNESS**
[54] **ACIERS PRESENTANT UNE DOUBLE PHASE, UNE RESISTANCE EXTREMEMENT ELEVEE ET UNE TENACITE EXCELLENTE AUX TEMPERATURES CRYOGENIQUES**
[72] BANGARU, NARASIMHA-RAO, US
[72] KOO, JAYOUNG, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2000-06-16
[86] 1998-06-18 (PCT/US1998/012701)
[87] (WO1999/032671)
[30] US (60/068,816) 1997-12-19

[11] **2,315,484**
[13] C

[51] **Int.Cl. 7C01B 3/56 7B01D 53/047**
[25] EN
[54] **PRESSURE SWING ADSORPTION PROCESS FOR THE PRODUCTION OF HYDROGEN**
[54] **PROCEDE D'ADSORPTION MODULEE EN PRESSION POUR LA PRODUCTION D'HYDROGENE**
[72] ACKLEY, MARK WILLIAM, US
[72] BAKSH, MOHAMED SAFDAR ALLIE, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 2000-08-11
[30] US (09/373,749) 1999-08-13

[11] **2,315,937**
[13] C

[51] **Int.Cl. 6B67D 1/00 6G07F 13/10 6B65G 59/10 6B65G 47/22 6B65G 17/32**
[25] EN
[54] **AUTOMATED BEVERAGE SYSTEM**
[54] **DISTRIBUTEUR AUTOMATIQUE DE BOISSONS**
[72] GOULET, DOUGLAS P., US
[72] WEINAUG, KENNETH S., US
[72] ZIESEL, LAWRENCE B., US
[72] COFFEY, JIMMIE L., US
[73] RESTAURANT TECHNOLOGY, INC., US
[85] 2000-06-19
[86] 1998-12-22 (PCT/US1998/027311)
[87] (WO1999/032392)
[30] US (08/996237) 1997-12-22

[11] **2,316,184**
[13] C

[51] **Int.Cl. 7A23B 9/02 7C12C 1/02**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING CEREAL KERNELS, TREATED CEREAL KERNELS AND THEIR USE**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DE GRAINS DE CEREALES, GRAINS DE CEREALES TRAITES ET LEUR UTILISATION**
[72] REINIKAINEN, PEKKA, FI
[72] PELTOLA, PETRI, FI
[72] OLKKU, JUHANI, FI
[72] TUOKKURI, VELI-MATTI, FI
[72] RASANEN, ESA, FI
[73] LP-TUTKIMUSKESKUS OY, FI
[85] 2000-06-22
[86] 1999-10-28 (PCT/FI1999/000904)
[87] (WO2000/025595)
[30] FI (982376) 1998-11-02

[11] **2,316,575**
[13] C

[51] **Int.Cl. 7F16H 3/091 7F02N 15/02 7F16D 25/0632 7F16D 25/0635**
[25] EN
[54] **AUTOMOTIVE TRANSMISSION**
[54] **TRANSMISSION D'AUTOMOBILE**
[72] BRINN, HERBERT P., US
[73] BRINN, INC., US
[22] 2000-08-22
[30] US (09/428,216) 1999-10-27

[11] **2,317,073**
[13] C

[51] **Int.Cl. 7B66F 3/22**
[25] EN
[54] **PANTAGRAPH-TYPE JACK**
[54] **TIMON DE TYPE PANTOGRAPHE**
[72] KIKUCHI, NORIYUKI, JP
[73] RIKENKAKI KOGYO KABUSHIKI KAISHA, JP
[22] 2000-08-30
[30] JP (2000-142273) 2000-05-09

[11] **2,317,846**
[13] C

[51] **Int.Cl. 7A01C 3/06**
[25] EN
[54] **A DISTRIBUTOR APPARATUS FOR SPREADING MATERIALS**
[54] **APPAREIL DE DISTRIBUTION POUR EPANDRE DES MATIERES**
[72] MCFARLANE, CLAUDE, US
[72] ALBRIGHT, CRISTOPHER, US
[73] KUHN KNIGHT INC., US
[22] 2000-09-08
[30] US (09/391932) 1999-09-08

[11] **2,318,094**
[13] C

[51] **Int.Cl. 6B66B 3/00**
[25] EN
[54] **INFORMATION DISTRIBUTION SYSTEM FOR USE IN AN ELEVATOR**
[54] **SYSTEME DE DIFFUSION D'INFORMATIONS UTILISE DANS UN ASCENSEUR**
[72] DIFRANZA, MICHAEL J., US
[72] NEWVILLE, TODD A., US
[73] CAPTIVATE NETWORK, INC., US
[85] 2000-07-19
[86] 1999-01-20 (PCT/US1999/001169)
[87] (WO1999/036341)
[30] US (09/009,279) 1998-01-20
[30] US (09/123,284) 1998-07-28

[11] **2,318,254**
[13] C

[51] **Int.Cl. 6F01N 1/08**
[25] EN
[54] **IMPROVED HIGH PERFORMANCE MUFFLER**
[54] **SILENCIEUX AMELIORE A HAUTE PERFORMANCE**
[72] MAY, BRIAN ROBERT, US
[72] GRAVES, MATTHEW, US
[72] BORNEBY, HANS, US
[73] MAREMONT EXHAUST PRODUCTS, INC., US
[85] 2000-07-14
[86] 1999-01-15 (PCT/US1999/000934)
[87] (WO1999/036680)
[30] US (09/007,850) 1998-01-15

Canadian Patents Issued
April 6, 2004

[11] 2,318,936
[13] C

[51] Int.Cl. 6H04N 7/16
[25] EN
[54] METHOD FOR PROTECTING THE AUDIO/VISUAL DATA ACROSS THE NRSS INTERFACE
[54] PROCEDE DE PROTECTION DES DONNEES AUDIOVISUELLES PAR L'INTERFACE DES NORMES DE SECURITE NATIONALES RENEUVELABLES (NRSS)
[72] ESKICIOGLU, AHMET MURSI, US
[73] THOMSON LICENSING S.A., FR
[85] 2000-05-18
[86] 1998-12-10 (PCT/US1998/026296)
[87] (WO1999/030499)
[30] US (60/069,090) 1997-12-10
[30] US (60/086,567) 1998-05-21

[11] 2,320,047
[13] C

[51] Int.Cl. 6B01D 39/08 6C22B 9/02 6C22B 21/06
[25] EN
[54] IMPROVED MOLTEN METAL FILTRATION AND DISTRIBUTION DEVICE AND METHOD FOR MANUFACTURING THE SAME
[54] FILTRATION AMELIOREE DE METAL LIQUIDE, DISPOSITIF DE DISTRIBUTION ET PROCEDE DE FABRICATION CORRESPONDANTS
[72] TREMBLAY, SYLVAIN P., CA
[72] LEGAST, PIERRE, CA
[72] DELVAUX, PIERRE, CA
[72] DAULT, REJEAN, CA
[73] LES PRODUITS INDUSTRIELS DE HAUTE TEMPERATURE PYROTEK INC., CA
[85] 2000-08-10
[86] 1999-01-25 (PCT/CA1999/000059)
[87] (WO1999/044719)
[30] US (09/034,337) 1998-03-04

[11] 2,321,231
[13] C

[51] Int.Cl. 6A61K 7/16 6A61K 7/20
[25] EN
[54] ORAL CARE COMPOSITIONS COMPRISING CHLORITE AND METHODS
[54] COMPOSITIONS D'HYGIENE BUCCO-DENTAIRE RENFERMANT DES CHLORITES, ET PROCEDES ASSOCIES
[72] WONG, ANDREW LEE, US
[72] WITT, JONATHAN JAMES, US
[72] WIMALASENA, ROHAN LALITH, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-08-24
[86] 1999-02-26 (PCT/IB1999/000335)
[87] (WO1999/043290)
[30] US (09/032,237) 1998-02-27

[11] 2,321,372
[13] C

[51] Int.Cl. 7C08F 118/08 7C08F 220/00 7C08F 18/04 7C08F 118/04 7C08F 218/04
[25] EN
[54] AQUEOUS EMULSION AND METHOD FOR PRODUCING
[54] EMULSION AQUEUSE ET METHODE POUR LA PRODUIRE
[72] TANIMOTO, SEIJI, JP
[72] INOMATA, NAOKIYO, JP
[73] KURARAY CO., LTD., JP
[22] 2000-09-27
[30] JP (281463/1999) 1999-10-01

[11] 2,321,462
[13] C

[51] Int.Cl. 7H04N 7/173 7H04L 12/16
[25] EN
[54] DIGITAL INTERACTIVE DELIVERY SYSTEM FOR TV/MULTIMEDIA/INTERNET WITH ON-DEMAND APPLICATIONS
[54] SYSTEME NUMERIQUE A APPLICATIONS SUR DEMANDE PERMETTANT LA DIFFUSION INTERACTIVE PAR TELEVISION/MULTIMEDIA/INTERNET
[72] HIGGINS, SEAN G., CA
[72] ALSTON, DAVID J., CA
[72] CAMERON, ALLAN B., CA
[72] JONES, IAN K., CA
[72] SWANBURG, DARREN B., CA
[72] FURLONG, JEFF L., CA
[73] IMAGICTV INC., CA
[22] 2000-09-29

[11] 2,321,702
[13] C

[51] Int.Cl. 6G09G 3/00 6G09F 19/12 6G09F 13/30
[25] EN
[54] DEVICE FOR DISPLAYING IMAGES WITH ROTATING DISPLAY ELEMENTS
[54] DISPOSITIF POUR AFFICHER DES IMAGES AVEC ELEMENTS D'AFFICHAGES ROTATIFS
[72] JANG, JI HO, KR
[73] JANG, JI HO, KR
[85] 2000-08-29
[86] 1999-01-06 (PCT/KR1999/000023)
[87] (WO1999/035634)
[30] KR (1998/76) 1998-01-06

[11] 2,323,807
[13] C

[51] Int.Cl. 7G07F 1/00
[25] EN
[54] COIN DISPENSING DEVICE
[54] DISTRIBUTEUR DE PIECES DE MONNAIE
[72] YAMAGISHI, RYOJI, JP
[72] IIDA, NOBUYUKI, JP
[72] ONODERA, YASUSHI, JP
[73] KABUSHIKI KAISHA NIPPON CONLUX, JP
[85] 2000-09-12
[86] 2000-01-27 (PCT/JP2000/000397)
[87] (WO2000/045345)
[30] JP (18590/1999) 1999-01-27

[11] 2,324,015
[13] C

[51] Int.Cl. 7G01V 3/14 7G01N 24/08 7G01V 3/32 7G01R 33/44
[25] EN
[54] SYSTEM AND METHOD FOR IDENTIFICATION OF HYDROCARBONS USING ENHANCED DIFFUSION
[54] SYSTEME ET METHODE D'IDENTIFICATION D'HYDROCARBURES PAR RENFORCEMENT DE LA DIFFUSION
[72] AKKURT, RIDVAN, US
[73] NUMAR CORPORATION, US
[85] 2000-09-15
[86] 1999-03-19 (PCT/US1999/006027)
[87] (WO1999/047939)
[30] US (60/078,821) 1998-03-20

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,324,595**
[13] C

[51] **Int.Cl. 7C01G 1/14 7B01J 20/02 7B65D 81/20 7C08K 3/30**
[25] EN
[54] **OXYGEN SCAVENGING COMPOSITIONS AND METHODS FOR MAKING SAME**
[54] **COMPOSITIONS DESOXYGENANTES ET LEURS PROCEDES DE PRODUCTION**
[72] HALLOCK, JOHN SCOTT, US
[73] CRYOVAC, INC., US
[85] 2000-09-19
[86] 1999-02-24 (PCT/US1999/003994)
[87] (WO1999/047351)
[30] US (09/044,277) 1998-03-19

[11] **2,328,226**
[13] C

[51] **Int.Cl. 7B01D 46/00**
[25] EN
[54] **HIGH FILTERING EFFICIENCY, LOW ENERGY CONSUMPTION, AND LOW NOISE FAN FILTER UNIT**
[54] **UNITE DE FILTRE POUR VENTILATEUR A HAUT RENDEMENT DE FILTRAGE, FAIBLE CONSOMMATION D'ENERGIE ET FAIBLE BRUIT**
[72] JEANSEAU, PETER, US
[73] HEPA CORPORATION, US
[85] 2000-10-12
[86] 1999-08-24 (PCT/US1999/019352)
[87] (WO2000/010686)
[30] US (60/097,695) 1998-08-24
[30] US (60/130,091) 1999-04-20
[30] US (09/347,442) 1999-07-02

[11] **2,330,743**
[13] C

[51] **Int.Cl. 6H04L 12/28**
[25] EN
[54] **HUB PORT WITH CONSTANT PHASE**
[54] **PORT DE CONCENTRATEUR A PHASE CONSTANTE**
[72] HASHEMI, HOSSEIN, US
[72] BREWER, DAVID, US
[72] HENSON, KARL M., US
[73] EMULEX CORPORATION, US
[85] 2000-11-01
[86] 1999-04-28 (PCT/US1999/009428)
[87] (WO1999/057852)
[30] US (09/071,932) 1998-05-01

[11] **2,330,766**
[13] C

[51] **Int.Cl. 6H04L 12/50**
[25] EN
[54] **SCALABLE HUB**
[54] **CONCENTRATEUR ADAPTATIF**
[72] BREWER, DAVID, US
[72] HASHEMI, HOSSEIN, US
[72] HENSON, KARL M., US
[73] EMULEX CORPORATION, US
[85] 2000-11-01
[86] 1999-04-28 (PCT/US1999/009426)
[87] (WO1999/057855)
[30] US (09/071,508) 1998-05-01

[11] **2,331,228**
[13] C

[51] **Int.Cl. 7H04M 1/253 7H04L 12/66**
[25] EN
[54] **PACKET LOSS COMPENSATION METHOD USING INJECTION OF SPECTRALLY SHAPED NOISE**
[54] **METHODE POUR RECOUVRER DES DONNEES PERDUES EN UTILISANT L'INJECTION DE BRUIT FORME PAR UN SPECTRE**
[72] SCHULZ, DIETER, CA
[72] GOUBRAN, RAFIK, CA
[72] HUANG, YING, CA
[73] MITEL NETWORKS CORPORATION, CA
[22] 2001-01-17
[30] GB (0001157.7) 2000-01-18

[11] **2,332,048**
[13] C

[51] **Int.Cl. 6H04B 3/54 6H04L 12/28**
[25] EN
[54] **BROADBAND COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION A LARGE BANDE**
[72] ARETZ, KURT, DE
[72] TASTO, MANFRED, DE
[73] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2000-11-06
[86] 1999-05-03 (PCT/DE1999/001295)
[87] (WO1999/059261)
[30] DE (198 20 760.3) 1998-05-08

[11] **2,334,974**
[13] C

[51] **Int.Cl. 6G01N 29/18 6G01H 5/00**
[25] EN
[54] **MEASURING THE SPEED OF SOUND OF A GAS**
[54] **MESURE DE LA VITESSE DU SON D'UN GAZ**
[72] PRICE, BARRY LEONARD, GB
[72] BYRNE, DAVID, GB
[72] HUMPHREY, FRANCIS ALAN, GB
[73] LATTICE INTELLECTUAL PROPERTY LTD, GB
[85] 2000-12-06
[86] 1999-06-17 (PCT/GB1999/001931)
[87] (WO1999/067629)
[30] GB (9813509.8) 1998-06-24

[11] **2,336,803**
[13] C

[51] **Int.Cl. 7G09G 3/36**
[25] EN
[54] **IMAGE DISPLAY DEVICE AND METHOD EMPLOYING DYNAMIC BRIGHTNESS AND CONTRAST ADJUSTMENT**
[54] **DISPOSITIF D'AFFICHAGE D'IMAGE ET METHODE EMPLOYANT UN AJUSTEMENT DYNAMIQUE DE LUMINANCE ET DE CONTRASTE**
[72] OTA, YOSHIHITO, JP
[72] FUNAMOTO, TARO, JP
[72] KOBAYASHI, TAKAHIRO, JP
[72] MACHIDORI, WATARU, JP
[72] ARIMOTO, KATSUYUKI, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2001-01-09
[86] 2000-05-09 (PCT/JP2000/002938)
[87] (WO2000/068926)
[30] JP (11/128602) 1999-05-10
[30] JP (11/128603) 1999-05-10
[30] JP (11/209946) 1999-07-23
[30] JP (11/209947) 1999-07-23

[11] **2,338,011**
[13] C

[51] **Int.Cl. 7A23K 1/18 7A23K 1/00 7A23K 1/16**
[25] EN
[54] **ANIMAL FOOD COMPOSITION**
[54] **COMPOSITION D'ALIMENT POUR ANIMAUX**
[72] BAKER, DANIEL ROBERT, GB
[72] MCGENITY, PHILIP MARTIN, GB
[73] MARS UK LIMITED, GB
[85] 2001-01-17
[86] 1999-07-16 (PCT/GB1999/002303)
[87] (WO2000/003606)
[30] GB (9815634.2) 1998-07-17

Canadian Patents Issued
April 6, 2004

[11] **2,341,610**
[13] C
[51] **Int.Cl. 7B01J 25/00 7B01J 37/06 7B22F 9/16 7H01M 4/90 7H01M 4/92**
[25] FR
[54] **PROCEDE DE FABRICATION D'UN CATALYSEUR SUPPORTE**
[54] **METHOD FOR MAKING A SUPPORTED CATALYST**
[72] SCHULZ, ROBERT, CA
[72] DODELET, JEAN-POL, CA
[72] LALANDE, GUY, CA
[72] DENIS, MARIE-CHANTAL, CA
[73] HYDRO-QUEBEC, CA
[85] 2001-03-06
[86] 1999-12-03 (PCT/CA1999/001165)
[87] (WO2000/037173)
[30] US (09/218,138) 1998-12-22

[11] **2,341,758**
[13] C
[51] **Int.Cl. 6H01P 1/219**
[25] EN
[54] **MULTILAYER DIELECTRIC EVANESCENT MODE WAVEGUIDE FILTER**
[54] **FILTRE DE GUIDE D'ONDE A MODE EVANESCENT A DIELECTRIQUE MULTICOUCHES**
[72] DE LILLO, ROCCO A., US
[73] MERRIMAC INDUSTRIES, INC., US
[85] 2001-02-27
[86] 1999-08-27 (PCT/US1999/019442)
[87] (WO2000/013253)
[30] US (60/098,069) 1998-08-27
[30] US (09/199,831) 1998-11-25
[30] US (09/330,899) 1999-06-11

[11] **2,342,216**
[13] C
[51] **Int.Cl. 7H04M 11/06**
[25] EN
[54] **MANAGEMENT OF SIMULTANEOUS OPERATION OF SERVICES IN A SPLITTERLESS ADSL SYSTEM**
[54] **GESTION DE L'UTILISATION SIMULTANEE DE SERVICES DANS UN SYSTEME LNPA SANS SEPARATEUR**
[72] NIMMAGADDA, PRASAD V., US
[73] BELL SOUTH INTELLECTUAL PROPERTY CORPORATION, US
[85] 2001-02-28
[86] 1999-07-22 (PCT/US1999/016261)
[87] (WO2000/014944)
[30] US (09/146,201) 1998-09-02

[11] **2,344,878**
[13] C
[51] **Int.Cl. 7B32B 27/06 7C09K 11/02 7H05B 33/14 7C09K 11/58**
[25] EN
[54] **ELECTROLUMINESCENT HIGH PRESSURE LAMINATE**
[54] **STRATIFIE HAUTE PRESSION A COMPOSE ELECTROLUMINESCENT**
[72] EDWARDS, EMILY A., US
[72] KENDALL, ERIC WARREN, US
[72] BENTON, LARRY DON, US
[72] WALKER, JANICE S., US
[72] JUSTICE, HERBERT B., US
[73] PREMARK RWP HOLDINGS, INC., US
[22] 2001-04-23
[30] US (09/630,139) 2000-08-01

[11] **2,347,198**
[13] C
[51] **Int.Cl. 7G02B 27/02 7G02B 23/00 6G09G 5/00 6G01J 1/20**
[25] EN
[54] **SCANNED BEAM DISPLAY WITH ADJUSTABLE ACCOMMODATION**
[54] **AFFICHEUR A BALAYAGE DE FAISCEAU A ACCOMMODATION REGLABLE**
[72] KOLLIN, JOEL S., US
[72] JOHNSTON, RICHARD S., US
[72] TIDWELL, MICHAEL, US
[72] MELVILLE, CHARLES D., US
[73] UNIVERSITY OF WASHINGTON, US
[85] 2001-04-12
[86] 1999-11-02 (PCT/US1999/025787)
[87] (WO2000/028592)
[30] US (09/188,993) 1998-11-09

[11] **2,349,408**
[13] C
[51] **Int.Cl. 7G05D 23/00 7G01K 1/02**
[25] EN
[54] **SETBACK REPORTING THERMOSTAT**
[54] **THERMOSTAT PROGRAMMABLE AVEC TRANSMISSION DE DONNEES**
[72] PROFFITT, JERRY L., US
[72] ARCHACKI, RAYMOND J., JR., US
[73] CARRIER CORPORATION, US
[22] 2001-06-01
[30] US (09/594,974) 2000-06-15

[11] **2,350,940**
[13] C
[51] **Int.Cl. 7A47L 9/08 7A47L 9/16**
[25] FR
[54] **SYSTEME DE RECYCLAGE D'AIR POUR ASPIRATEUR**
[54] **AIR RECYCLING SYSTEM FOR VACUUM CLEANER**
[72] BERUBE, DANY B.D., CA
[73] BERUBE, LOUIS-ETIENNE, CA
[22] 2001-06-12

[11] **2,351,554**
[13] C
[51] **Int.Cl. 7G01N 11/00 7A23L 1/06**
[25] EN
[54] **FLUIDITY DETERMINATION METHOD OF A PACKED FLUID AND DEVICE USED IN THE SAME**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE LA FLUIDITE D'UN FLUIDE DANS UN RECEPTACLE**
[72] MOTOYOSHI, NOBUYUKI, JP
[72] NAKANUMA, HIROSHI, JP
[73] MORINAGA MILK INDUSTRY CO., LTD., JP
[85] 2001-04-10
[86] 2000-04-14 (PCT/JP2000/002452)
[87] (WO2001/013089)
[30] JP (11/229498) 1999-08-13

[11] **2,353,646**
[13] C
[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **SUBSCRIBER CHARACTERIZATION AND ADVERTISEMENT MONITORING SYSTEM**
[54] **SYSTEME DE DETERMINATION D'UN PROFIL D'ABONNE ET DE SURVEILLANCE PUBLICITAIRE**
[72] SYLLA, M. LAMINE, US
[72] ELDERING, CHARLES A., US
[73] EXPANSE NETWORKS, INC., US
[85] 2001-06-01
[86] 1999-12-02 (PCT/US1999/028528)
[87] (WO2000/033160)
[30] US (09/204,888) 1998-12-03
[30] US (09/205,119) 1998-12-03
[30] US (09/205,653) 1998-12-03

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,355,685**
[13] C

[51] **Int.Cl. 7C03C 17/34 7C03C 17/36 7C23C 14/56**
[25] EN
[54] **SOIL-RESISTANT COATING FOR GLASS SURFACES**
[54] **REVETEMENT POUR SURFACES RESISTANT A LA SALISSURE**
[72] HARTIG, KLAUS, US
[72] BOND, BOB, US
[72] STANEK, ROGER, US
[72] PFAFF, GARY, US
[72] KRISKO, ANNETTE, US
[73] CARDINAL IG COMPANY, US
[85] 2001-06-19
[86] 1999-02-02 (PCT/US1999/002208)
[87] (WO2000/037377)
[30] US (60/113,259) 1998-12-21

[11] **2,359,053**
[13] C

[51] **Int.Cl. 7H04N 5/235 7H04N 3/15**
[25] EN
[54] **PHOTOSENSOR SYSTEM AND DRIVE CONTROL METHOD THEREOF**
[54] **SYSTEME PHOTODETECTEUR ET PROCEDE DE COMMANDE D'ATTAQUE DUDIT SYSTEME**
[72] KOSHIZUKA, YASUO, JP
[72] NAKAMURA, YOSHIKI, JP
[73] CASIO COMPUTER CO., LTD., JP
[85] 2001-07-03
[86] 2000-10-19 (PCT/JP2000/007279)
[87] (WO2001/035638)
[30] JP (11-316650) 1999-11-08
[30] JP (11-319605) 1999-11-10
[30] JP (2000-15981) 2000-01-25

[11] **2,359,061**
[13] C

[51] **Int.Cl. 7C07C 217/60 7A61P 13/04 7A61P 13/06 7A61K 31/196**
[25] EN
[54] **CRYSTAL POLYMORPHISM OF AMINOETHYLPHENOXYACETIC ACID DERIVATIVE**
[54] **POLYMORPHISME CRISTALLIN DE DERIVE D'ACIDE AMINOETHYLPHENOXYACETIQUE**
[72] TAMAI, TETSURO, JP
[72] TANAKA, NOBUYUKI, JP
[72] TODA, MICHIO, JP
[72] KASAI, KIYOSHI, JP
[72] SONEHARA, JUNICHI, JP
[72] TSURU, EIJI, JP
[73] KISSEI PHARMACEUTICAL CO., LTD., JP
[85] 2001-07-12
[86] 2000-01-17 (PCT/JP2000/000168)
[87] (WO2000/043350)
[30] JP (11/13639) 1999-01-21

[11] **2,359,408**
[13] C

[51] **Int.Cl. 7A61K 7/11**
[25] EN
[54] **RESHAPABLE HAIR STYLING COMPOSITION COMPRISING ACRYLIC COPOLYMERS**
[54] **COMPOSITION CAPILLAIRE SCULPTANTE COMPRENANT DES COPOLYMERES ACRYLIQUES**
[72] ROLLAT-CORVOL, ISABELLE, FR
[72] SAMAIN, HENRI, FR
[73] L'OREAL, FR
[22] 2001-10-22
[30] US (09/695392) 2000-10-25

[11] **2,363,097**
[13] C

[51] **Int.Cl. 7C11D 1/825**
[25] EN
[54] **METHOD OF REMOVING STAINS FROM A SURFACE**
[54] **PROCEDE D'ELIMINATION DE TACHES SUR UNE SURFACE**
[72] SCHEPER, WILLIAM MICHAEL, US
[72] JORDAN, GLENN THOMAS IV, US
[72] HAEGGBERG, DONNA JEAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-08-15
[86] 2000-02-10 (PCT/US2000/003454)
[87] (WO2000/050552)
[30] US (60/121,174) 1999-02-22

[11] **2,363,504**
[13] C

[51] **Int.Cl. 7G01D 3/02 7H01L 43/04 7H01L 43/06 7G01D 5/14**
[25] EN
[54] **HALL SENSOR WITH A REDUCED OFFSET SIGNAL**
[54] **CAPTEUR DE HALL A SIGNAL DE DECALAGE REDUIT**
[72] SAUERER, JOSEF, DE
[72] WEBER, NORBERT, DE
[72] HOHE, HANS-PETER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2001-08-17
[86] 2000-01-17 (PCT/EP2000/000313)
[87] (WO2000/052424)
[30] DE (199 08 473.4) 1999-02-26

[11] **2,363,953**
[13] C

[51] **Int.Cl. 7H03M 7/40 7H04B 1/66**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING A DATA STREAM OF CODE WORDS OF VARIABLE LENGTHS AND METHOD AND APPARATUS FOR READING A DATA STREAM OF CODE WORDS OF VARIABLE LENGTHS**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE UN FLUX DE DONNEES CONSTITUE DE MOTS DE CODE DE LONGUEUR VARIABLE, ET PROCEDE ET DISPOSITIF POUR LIRE UN FLUX DE DONNEES CONSTITUE DE MOTS DE CODE DE LONGUEUR VARIABLE**
[72] LAUBER, PIERRE, DE
[72] DIETZ, MARTIN, DE
[72] SCHUG, MICHAEL, DE
[72] SPERSCHNEIDER, RALPH, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2001-08-17
[86] 2000-01-17 (PCT/EP2000/000312)
[87] (WO2000/051241)
[30] DE (199 07 729.0) 1999-02-23

Canadian Patents Issued
April 6, 2004

[11] **2,363,980**
[13] C
[51] Int.Cl. 7G08C 19/00 7G08C 15/00
7B60R 16/00
[25] EN
[54] **DATA TRANSMISSION METHOD
AND SYSTEM THEREFOR**
[54] **METHODE ET SYSTEME DE
TRANSMISSION DE DONNEES**
[72] ISHII, JUN, JP
[72] HASHIMOTO, HIROSHI, JP
[72] NAGATANI, YUJI, JP
[73] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 1994-02-15
[62] 2,226,477
[30] JP (5-48559) 1993-02-15
[30] JP (5-48560) 1993-02-15
[30] JP (5-80216) 1993-03-15
[30] JP (5-84079) 1993-03-18

[11] **2,364,990**
[13] C
[51] Int.Cl. 7B23K 9/095 7B23K 9/10
[25] EN
[54] **SHORT CIRCUIT ARC WELDER
AND METHOD OF CONTROLLING
SAME**
[54] **SOUDEUSE A ARC ELECTRIQUE
EN COURT-CIRCUIT ET METHODE DE
COMMANDE CONNEXE**
[72] STAVA, ELLIOTT K., US
[73] LINCOLN GLOBAL, INC., US
[22] 2001-12-13
[30] US (09/766,787) 2001-01-23

[11] **2,365,054**
[13] C
[51] Int.Cl. 7C07C 211/63 7A01N 37/02
7A01N 37/06 7A01N 37/10 7A01N 33/12
7C09K 3/18 7C07C 69/675
[25] EN
[54] **QUATERNARY AMMONIUM AND
WATERPROOFING/PRESERVATIVE
COMPOSITIONS**
[54] **AMMONIUM QUATERNAIRE ET
COMPOSITIONS A BASE DE CE
PRODUIT ET D'AGENTS
HYDROFUGES**
[72] WALKER, LEIGH, US
[73] LONZA INC., US
[22] 1994-06-09
[62] 2,162,128
[30] US (074,136) 1993-06-09
[30] US (074,312) 1993-06-09
[30] US (074,313) 1993-06-09
[30] US (074,314) 1993-06-09

[11] **2,370,107**
[13] C
[51] Int.Cl. 7G01N 9/24 7A24C 5/34
7G01N 21/59
[25] EN
[54] **DENSITY CHECKING
APPARATUS FOR TOBACCO FLAVOR-
TASTING ARTICLE OR COMPONENT
OF TOBACCO FLAVOR-TASTING
ARTICLE**
[54] **APPAREIL SERVANT A VERIFIER
LA MASSE VOLUMIQUE D'UN
ARTICLE AU GOUT DE TABAC OU
D'UNE COMPOSANTE DUDIT
ARTICLE**
[72] KIDA, SHINZO, JP
[72] ISHIKAWA, YOSHIKI, JP
[73] JAPAN TOBACCO INC., JP
[85] 2001-11-19
[86] 2000-10-25 (PCT/JP2000/007455)
[87] (WO2002/035211)

[11] **2,373,258**
[13] C
[51] Int.Cl. 7H01Q 1/12
[25] EN
[54] **GLASS ANTENNA DEVICE FOR
VEHICLE AND RADIO RECEIVER
APPARATUS USING THE SAME**
[54] **DISPOSITIF ANTENNE DE VITRE
POUR VEHICULE ET RECEPTEUR
RADIO L'UTILISANT**
[72] KAKIZAWA, HITOSHI, JP
[73] NIPPON SHEET GLASS CO., LTD., JP
[85] 2001-11-06
[86] 2000-04-28 (PCT/JP2000/002827)
[87] (WO2000/070708)
[30] JP (11/133078) 1999-05-13
[30] JP (2000/21398) 2000-01-31

[11] **2,374,748**
[13] C
[51] Int.Cl. 7G01M 13/02
[25] EN
[54] **CONDITION BASED
MONITORING OF BEARING BY
VIBRATIONAL ANALYSIS**
[54] **DIAGNOSTIC FONDE SUR UNE
SURVEILLANCE DES ROULEMENTS
PAR ANALYSE DE VIBRATION**
[72] BEN-ROMDHANE, MOHAMED, US
[73] ROCKWELL SCIENTIFIC
LICENSING, LLC., US
[85] 2002-03-22
[86] 2000-09-27 (PCT/US2000/026474)
[87] (WO2001/023861)
[30] US (09/406,350) 1999-09-28

[11] **2,382,024**
[13] C
[51] Int.Cl. 7H03G 11/04
[25] EN
[54] **ADAPTIVE RF AMPLIFIER
PRELIMITER**
[54] **PRELIMITEUR ADAPTATIF
D'AMPLIFICATEUR HF**
[72] KIERNAN, BRIAN, US
[72] OZLUTURK, FATIH M., US
[73] INTERDIGITAL TECHNOLOGY
CORPORATION, US
[85] 2002-02-14
[86] 2000-08-23 (PCT/US2000/023327)
[87] (WO2001/017107)
[30] US (09/386,876) 1999-08-31

[11] **2,382,500**
[13] C
[51] Int.Cl. 7A61N 1/08
[25] EN
[54] **IMPLANTABLE SIGNAL
AMPLIFYING CIRCUIT FOR
ELECTRONEUROGRAPHIC
RECORDING**
[54] **CIRCUIT AMPLIFICATEUR DE
SIGNAL GREFFABLE POUR
L'ENREGISTREMENT
ELECTRONEUROGRAPHIQUE**
[72] BARU FASSIO, MARCELO DANIEL,
CA
[73] NEUROSTREAM TECHNOLOGIES
INC., CA
[22] 2002-04-19
[30] US (09/988,112) 2001-11-19

[11] **2,390,009**
[13] C
[51] Int.Cl. 7G01N 27/49 7G01N 35/00
[25] EN
[54] **FLOW CELL FOR SYNTHESIS OF
ARRAYS OF DNA PROBES AND THE
LIKE**
[54] **CUVE A CIRCULATION POUR
IMAGER SANS MASQUE DES
ENSEMBLES DE SONDRES
D'ADNSYNTHETISES**
[72] SINGH-GASSON, SANGEET, US
[72] YUE, YONGJIAN, CN
[72] GREEN, ROLAND D., US
[73] WISCONSIN ALUMNI RESEARCH
FOUNDATION, US
[85] 2002-05-06
[86] 2000-11-08 (PCT/US2000/041966)
[87] (WO2001/034847)
[30] US (09/437,369) 1999-11-10

**Brevets canadiens délivrés
6 avril 2004**

[11] **2,404,810**

[13] C

[51] **Int.Cl. 7A61K 35/78 7C12N 5/04**

[25] EN

[54] **TOPICAL COMPOSITION HAVING
UNDIFFERENTIATED PLANT SEED
CELLS AND METHOD FOR USING
SAME**

[54] **COMPOSITION TOPIQUE
CONTENANT DES CELLULES DE
GRAINES D'ERABLE**

[72] DUGGAN, MICHELE, US

[72] MENON, GOPINATHAN K., US

[72] LU, MICHELLE, US

[73] AVON PRODUCTS, INC., US

[22] 2002-10-25

[30] US (10/040,242) 2001-11-09

[11] **2,413,290**

[13] C

[51] **Int.Cl. 7A01D 34/66**

[25] EN

[54] **MOWER DECK AND TRIMMER
COMBINATION**

[54] **CHASSIS DE TONDEUSE ET
COUPE-BORDURE COMBINES**

[72] NAFZIGER, DEAN, US

[73] NAFZIGER, DEAN, US

[85] 2002-12-17

[86] 2001-08-16 (PCT/US2001/025675)

[87] (WO2002/013617)

[30] US (09/641,048) 2000-08-17

[11] **2,414,007**

[13] C

[51] **Int.Cl. 7B60R 1/04**

[25] EN

[54] **WIDE VISION REARVIEW
MIRROR WITH ADJUSTABLE
MOUNTS**

[54] **RETROVISEUR ARRIERE
PANORAMIQUE A SUPPORTS
REGLABLES**

[72] BUSTOS, JOSE, CA

[73] BUSTOS, JOSE, CA

[22] 2002-12-11

[30] US (10/059,164) 2002-01-31

**Canadian Patents Issued
April 6, 2004**

Canadian Laid-Open Applications

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Demandes canadiennes mises à la disponibilité du public

14 mars 2004 - 20 mars 2004

<p>[21] 2,400,250 [13] A1</p> <p>[51] Int.Cl. 7E04F 19/02 7B32B 13/08 [25] EN [54] DRYWALL PLASTER TAPE AND DRYWALL SHEET WITH MEASUREMENT MARKINGS [54] RUBAN POUR CLOISONS SECHES ET PANNEAUX MURAUX SECS AVEC REPERES DE MESURE [72] BELANGER, CAMIL, CA [71] BELANGER, CAMIL, CA [22] 2002-09-19 [41] 2004-03-19</p>	<p>[21] 2,400,254 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/5377 7A61P 9/00 7A61P 9/06 7A61P 9/12 7A61K 38/17 7A61K 31/353 7A61K 39/395 7C07K 14/47 7C12Q 1/50 7C12Q 1/68 7A61K 31/7088 [25] EN [54] COMPOSITIONS AND METHODS FOR TREATING HEART DISEASE [54] COMPOSITIONS ET METHODES POUR TRAITER UNE MALADIE DU COEUR [72] CRACKOWER, MICHAEL, US [72] PENNINGER, JOSEF, CA [71] UNIVERSITY HEALTH NETWORK, CA [71] AMGEN CANADA INC., CA [22] 2002-09-19 [41] 2004-03-19</p>	<p>[21] 2,400,269 [13] A1</p> <p>[51] Int.Cl. 7A01N 25/04 7A01N 27/00 7A01N 43/647 7A01N 43/653 [25] EN [54] STABLE PESTICIDAL CHEMICAL FORMULATIONS [54] FORMULATIONS STABLES DE PRODUITS CHIMIQUES PESTICIDES [72] SUN, GAO, CA [72] KIBBEE, JOHN, CA [71] GUSTAFSON PARTNERSHIP, CA [22] 2002-09-19 [41] 2004-03-19</p>
<p>[21] 2,400,252 [13] A1</p> <p>[51] Int.Cl. 7F21S 4/00 [25] EN [54] PROPPED UP LAMP STRING WOUND WITH ROLLED UP TAPES [54] GUIRLANDE LUMINEUSE ET FIL-SUPPORT RETENUS PAR DES RUBANS SPIRALES [72] HUANG, SHUN-FENG, XX [71] HUANG, SHUN-FENG, XX [22] 2002-09-19 [41] 2004-03-19</p>	<p>[21] 2,400,258 [13] A1</p> <p>[51] Int.Cl. 7C10C 3/00 7B01D 17/038 [25] EN [54] BITUMINOUS FROTH INCLINED PLATE SEPARATOR AND HYDROCARBON CYCLONE TREATMENT PROCESS [54] SEPARATEUR DE MOUSSE BITUMINEUSE A PLAQUES INCLINEES ET METHODE DE TRAITEMENT D'HYDROCARBURES A L'AIDE D'UN CYCLONE SEPARATEUR [72] GARNER, WILLIAM NICHOLAS, CA [72] STRAND, WILLIAM LESTER, CA [72] MADGE, DONALD NORMAN, CA [71] SUNCOR ENERGY INC., CA [22] 2002-09-19 [41] 2004-03-19</p>	<p>[21] 2,401,678 [13] A1</p> <p>[51] Int.Cl. 7F16H 35/00 [25] FR [54] ENGRENAGES ACCELERATIFS [54] ACCELERATIVE GEAR SYSTEM [72] BEAUDOIN, NORMAND, CA [71] BEAUDOIN, NORMAND, CA [22] 2002-09-19 [41] 2004-03-19</p>
<p>[21] 2,400,253 [13] A1</p> <p>[51] Int.Cl. 7A61F 5/01 [25] EN [54] A PAD AND BRACE TO COUNTERACT VARUS OR VALGUS ANGLUATION [54] COUSSINET ET APPAREIL ORTHOPEDIQUE DE CORRECTION D'UNE DEVIATION EN VARUS OU EN VALGUS [72] BERRETTA, GREGG, CA [71] BERRETTA, GREGG, CA [22] 2002-09-19 [41] 2004-03-19</p>	<p>[21] 2,401,687 [13] A1</p> <p>[51] Int.Cl. 7F01C 1/00 [25] FR [54] SYNTHESE FINALE DES MACHINES POLY INDUCTIVES [54] FINAL SYNTHESIS OF POLY-INDUCTION MACHINES [72] BEAUDOIN, NORMAND, CA [71] BEAUDOIN, NORMAND, CA [22] 2002-09-19 [41] 2004-03-19</p>	

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] 2,401,724
[13] A1
[51] Int.Cl. 7A01D 87/00
[25] EN
[54] A PORTABLE EASY LOADING
ROUND BALE FEEDER
[54] DISPOSITIF D'ALIMENTATION
DE BALLE RONDES PORTATIF
FACILE A CHARGER
[72] LANE, DONALD BRENT, CA
[71] LANE, DONALD BRENT, CA
[22] 2002-09-16
[41] 2004-03-16

[21] 2,401,760
[13] A1
[51] Int.Cl. 7G08B 21/00 7G08B 15/02
[25] EN
[54] AUTO ACTIVATED SELF-
DEFENCE ALARM DEVICE
[54] DISPOSITIF D'ALARME ET
D'AUTODEFENSE A
DECLENCHEMENT AUTOMATIQUE
[72] CLARKE, JOHN, CA
[71] CLARKE, JOHN, CA
[22] 2002-09-16
[41] 2004-03-16

[21] 2,401,789
[13] A1
[51] Int.Cl. 7B62J 1/18
[25] FR
[54] SIEGE DE BICYCLETTE A AIR
[54] AIR SEAT FOR BICYCLE
[72] GRAVEL, YVES, CA
[71] GRAVEL, YVES, CA
[22] 2002-09-20
[41] 2004-03-20

[21] 2,402,056
[13] A1
[51] Int.Cl. 7A61H 7/00
[25] EN
[54] THE KEY CHAIN BACK
SCRATCHER
[54] GRATTE-DOS POUR CHAINE
PORTE-CLES
[72] JONES, DAVID M., CA
[71] JONES, DAVID M., CA
[22] 2002-09-16
[41] 2004-03-16

[21] 2,402,282
[13] A1
[51] Int.Cl. 7H04R 1/02
[25] EN
[54] THE WIRELESS AUDIO PILLOW
[54] L'OREILLER AUDIO SANS FIL
[72] KERIK, KEVIN GW, CA
[71] KERIK, KEVIN GW, CA
[22] 2002-09-16
[41] 2004-03-16

[21] 2,402,295
[13] A1
[51] Int.Cl. 7G01B 21/14 7G01B 5/12
7G01B 11/12 7F16L 55/18
[25] EN
[54] DEVICE FOR MEASURING AND
REPAIRING BROKEN PIPES
[54] DISPOSITIF POUR MESURER ET
REPARER LES TUYAUX ROMPUS
[72] COULOMBE, NORMAND, CA
[71] COULOMBE, NORMAND, CA
[22] 2002-09-16
[41] 2004-03-16

[21] 2,402,495
[13] A1
[51] Int.Cl. 7H02N 11/00
[25] EN
[54] DNA HELIX MAGNETIC FIELD
MOTOR: BENSON MAGNETIC FIELD
MOTOR
[54] MOTEUR DE CHAMP
MAGNETIQUE EN FORME D'HELICE
D'ADN : MOTEUR DE CHAMP
MAGNETIQUE BENSON
[72] BENSON, OWEN, CA
[71] BENSON, OWEN, CA
[22] 2002-09-18
[41] 2004-03-18

[21] 2,402,629
[13] A1
[51] Int.Cl. 7F24H 9/02
[25] FR
[54] PROTEGE-CALORIFERE
[54] ELECTRIC HEATER COVER
[72] ROOP-MCCARTHY, ELAINE, CA
[71] ROY, RENE-CLAUDE, CA
[72] LEBLANC, GUY, CA
[71] ROOP-MCCARTHY, ELAINE, CA
[71] ROY, RENE-CLAUDE, CA
[71] LEBLANC, GUY, CA
[22] 2002-09-17
[41] 2004-03-17

[21] 2,402,644
[13] A1
[51] Int.Cl. 7A61K 7/06 7A61K 35/78
[25] FR
[54] METHODE, COMPOSITION ET
SON UTILISATION POUR TRAITER ET
EMPECHER LA PERTE DE CHEVEUX
[54] METHOD, COMPOUND AND USE
THEREOF FOR THE TREATMENT
AND PREVENTION OF HAIR LOSS
[72] SKALI, JAMAL, CA
[72] SKALI, NAJIB, CA
[71] SKALI, JAMAL, CA
[71] SKALI, NAJIB, CA
[22] 2002-09-19
[41] 2004-03-19

[21] 2,402,930
[13] A1
[51] Int.Cl. 7A61K 47/48 7C07H 21/02
7A61K 39/395
[25] EN
[54] TARGETED LIGANDS
[54] LIGANDS CIBLES
[72] HERMAN, WILLIAM, CA
[71] HERMAN, WILLIAM, CA
[22] 2002-09-19
[41] 2004-03-19

[21] 2,403,503
[13] A1
[51] Int.Cl. 7B27L 5/02
[25] EN
[54] PERIPHERALLY DRIVEN
VANEER LATHE
[54] DEROULEUSE A ENTRAINEMENT
PERIPHERIQUE
[72] KOIKE, MASARU, JP
[71] MEINAN MACHINERY WORKS,
INC., JP
[22] 2002-09-17
[41] 2004-03-17

[21] 2,403,578
[13] A1
[51] Int.Cl. 7F21V 21/06
[25] EN
[54] LAMP BASE STRUCTURE
[54] STRUCTURE DE SOCLE DE
LAMPE
[72] LEE, HAN MING, XX
[71] LEE, HAN MING, XX
[22] 2002-09-17
[41] 2004-03-17

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,403,581**
[13] A1

[51] **Int.Cl. 7E01C 11/22**
[25] EN
[54] **GROUND COVERING ELEMENT FOR MAKING A GROOVE**
[54] **ELEMENT DE RECOUVREMENT FORMANT UN CANIVEAU**
[72] DROST, ANDREAS, DE
[71] F. VON LANGSDORFF LICENSING LIMITED, CA
[22] 2002-09-16
[41] 2004-03-16

[21] **2,403,597**
[13] A1

[51] **Int.Cl. 7G02B 6/46 7G02B 6/44**
[25] EN
[54] **OPTICAL FIBER RETAINING CLIP**
[54] **PINCE DE RETENUE DE FIBRES OPTIQUES**
[72] LAVOIE, HERVE, CA
[71] ITF TECHNOLOGIES OPTIQUES INC.- ITF OPTICAL TECHNOLOGIES INC., CA
[22] 2002-09-16
[41] 2004-03-16

[21] **2,403,610**
[13] A1

[51] **Int.Cl. 7E03D 5/00 7E03D 1/35**
[25] EN
[54] **BUOYANCY FLUSHING APPARATUS AND METHOD THEREOF**
[54] **DISPOSITIF DE CHASSE D'EAU FLOTTANT ET METHODE CONNEXE**
[72] UNKNOWN, ZZ
[71] PREMIER TECH 2000 LTEE, CA
[22] 2002-09-17
[41] 2004-03-17

[21] **2,403,632**
[13] A1

[51] **Int.Cl. 7F04D 29/36 7F04D 19/00**
[25] EN
[54] **VARIABLE PITCH FAN**
[54] **VENTILATEUR A PAS VARIABLE**
[72] MCCALLUM, JONATHAN E., CA
[72] NELSON, TERRY D., CA
[72] GERWING, MURRAY C., CA
[71] FLEXXAIRE MANUFACTURING INC., CA
[22] 2002-09-17
[41] 2004-03-17

[21] **2,403,639**
[13] A1

[51] **Int.Cl. 7F25B 27/00 7A23C 3/04**
[25] EN
[54] **DAIRY CHILLER**
[54] **REFROIDISSEUR DE PRODUITS LAITIERS**
[72] MISNER, PETER, CA
[71] MISNER, PETER, CA
[22] 2002-09-17
[41] 2004-03-17

[21] **2,403,641**
[13] A1

[51] **Int.Cl. 7B27D 1/00 7B32B 31/00 7B27D 5/00 7B27M 1/02 7B27M 1/08 7B32B 21/13**
[25] EN
[54] **METHOD OF MANUFACTURING GLUED LAMINATED WOOD**
[54] **METHODE DE FABRICATION DE BOIS LAMELLE COLLE**
[72] ABE, YUKIO, JP
[72] ODA, HIROSHIGE, JP
[72] HAMAGUCHI, AKIHITO, JP
[72] HONDA, NORIYUKI, JP
[72] OKAMURA, ISSAKU, JP
[72] ISOBE, MAKOTO, JP
[71] MEINAN MACHINERY WORKS, INC., JP
[22] 2002-09-16
[41] 2004-03-16

[21] **2,403,697**
[13] A1

[51] **Int.Cl. 7A47C 27/08**
[25] EN
[54] **SELF INFLATED AIR CUSHIONED BED**
[54] **LIT PNEUMATIQUE A GONFLAGE AUTOMATIQUE**
[72] TSAI, JEN-HSIU, CN
[71] TSAI, JEN-HSIU, CN
[22] 2002-09-17
[41] 2004-03-17

[21] **2,403,703**
[13] A1

[51] **Int.Cl. 7C06B 45/00 7C06B 31/28**
[25] EN
[54] **METHOD OF GASSING EMULSION EXPLOSIVES AND EXPLOSIVES PRODUCED THEREBY**
[54] **METHODE DE GAZAGE D'EXPLOSIFS A EMULSION ET EXPLOSIFS AINSI PRODUITS**
[72] ALILOVIC, IVANA, CA
[72] RECKZIN, EARL, CA
[71] ETI HOLDINGS CORP., CA
[22] 2002-09-17
[41] 2004-03-17

[21] **2,403,719**
[13] A1

[51] **Int.Cl. 7A23K 1/14 7A23K 1/16**
[25] EN
[54] **COMPLETE ANIMAL FEED WITH POTATO COMPONENT**
[54] **PREPARATION ALIMENTAIRE COMPLETE AVEC POMMES DE TERRE POUR ANIMAUX**
[72] ANDERSON, TOM, US
[71] ANDERSON, TOM, US
[22] 2002-09-17
[41] 2004-03-17

[21] **2,404,018**
[13] A1

[51] **Int.Cl. 7B60G 17/04**
[25] EN
[54] **LIFT AXLE SUSPENSION**
[54] **SUSPENSION A ESSIEU RELEVABLE**
[72] YAKIMISHYN, KELLY WILLIAM, CA
[71] YAKIMISHYN, KELLY WILLIAM, CA
[22] 2002-09-18
[41] 2004-03-18

[21] **2,404,070**
[13] A1

[51] **Int.Cl. 7H02J 7/00**
[25] EN
[54] **IMPEDANCE MATCHING DEVICE**
[54] **DISPOSITIF D'ADAPTATION D'IMPEDANCE**
[72] DUNN, JAMES H., CA
[71] DUNN, JAMES H., CA
[22] 2002-09-18
[41] 2004-03-18

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,404,093**
[13] A1

[51] **Int.Cl. 7G02B 6/42**
[25] EN
[54] **OPTICAL COMPONENT PACKAGING DEVICE**
[54] **DISPOSITIF DE CONDITIONNEMENT DE COMPOSANTS OPTIQUES**
[72] ALLARD, SEBASTIEN, CA
[72] MARTINEAU, PIERRE, CA
[72] OCTEAU, PASCAL, CA
[72] SEGUIN, FRANCOIS, CA
[72] BRULOTTE, DENIS-ALEXANDRE, CA
[72] CIGANA, PATRICK, CA
[72] DAXHELET, XAVIER, CA
[71] ITF TECHNOLOGIES OPTIQUES INC.- ITF OPTICAL TECHNOLOGIES INC., CA
[22] 2002-09-18
[41] 2004-03-18

[21] **2,404,126**
[13] A1

[51] **Int.Cl. 7G06K 15/02 7G06F 3/12 7G06T 11/60**
[25] EN
[54] **METHOD FOR VIRTUAL COMPOSITION OF A HYBRID PHOTO ALBUM AND GREETING CARD PRINTED PRODUCT**
[54] **METHODE DE COMPOSITION VIRTUELLE DE MATERIEL IMPRIME HYBRIDE COMBINANT ALBUM A PHOTOS ET CARTES DE SOUHAITS**
[72] KREPEC, MATHIEU, CA
[72] KREPEC, MAREK, CA
[71] KREPEC MULTIMEDIA CORPORATION, CA
[22] 2002-09-17
[41] 2004-03-17

[21] **2,404,183**
[13] A1

[51] **Int.Cl. 7G01R 31/303 7G08C 17/00**
[25] EN
[54] **NON-CONTACT TESTER FOR INTEGRATED CIRCUITS**
[54] **APPAREIL D'ESSAI SANS CONTACT POUR CIRCUITS INTEGRES**
[72] SLUPSKY, STEVEN HAROLD, CA
[71] SCANIMETRICS INC., CA
[22] 2002-09-19
[41] 2004-03-19

[21] **2,404,185**
[13] A1

[51] **Int.Cl. 7H03F 3/04 7H03F 3/19 7H03F 3/193**
[25] EN
[54] **CIRCUIT FOR A LOSSLESS CAPACITIVE PUMP**
[54] **CIRCUIT POUR POMPE CAPACITIVE SANS PERTE**
[72] MERCIER, CLAUDE, CA
[71] SIEMENS MILLTRONICS PROCESS INSTRUMENTS INC., CA
[22] 2002-09-19
[41] 2004-03-19

[21] **2,404,189**
[13] A1

[51] **Int.Cl. 7C09K 3/12 7C09K 5/20**
[25] EN
[54] **LIQUID ALUMINUM STOP LEAK**
[54] **DISPOSITIF D'ETANCHEITE LIQUIDE CONTENANT DE L'ALUMINIUM**
[72] ERICK, DOUGLAS, US
[71] CRESCENT MARKETING, INC., US
[22] 2002-09-19
[41] 2004-03-19

[21] **2,404,191**
[13] A1

[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **METHODS AND APPARATUS FOR CONFIGURATION CHANGE MANAGEMENT IN COMMUNICATIONS NETWORKS**
[54] **METHODES ET APPAREIL POUR LA GESTION DE CHANGEMENT DE RESEAUX DE COMMUNICATIONS**
[72] BOLDER, RON SCOTT, CA
[72] TIMMERMAN, CRAIG ELLIRT, CA
[72] NIJEMCEVIC, SASA, CA
[71] ALCATEL CANADA INC., CA
[22] 2002-09-19
[41] 2004-03-19

[21] **2,404,198**
[13] A1

[51] **Int.Cl. 7B60P 3/37**
[25] EN
[54] **RECREATIONAL VEHICLE FOLDABLE DECK**
[54] **PLATE-FORME PLIANTE DE VEHICULE DE PLAISANCE**
[72] FORTIN, MAURICE ARTHUR, CA
[72] FORTIN, YVAN AIME, CA
[72] BENZ, DENNIS CLAUDE, CA
[71] FORTIN, MAURICE ARTHUR, CA
[71] FORTIN, YVAN AIME, CA
[71] BENZ, DENNIS CLAUDE, CA
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,245**
[13] A1

[51] **Int.Cl. 7B65D 6/26**
[25] EN
[54] **COLLAPSIBLE TRANSPORT CONTAINER**
[54] **CONTENANT DE TRANSPORT PLIANT**
[72] EDMUNDS, RAY, CA
[72] SINGH, DARSHAN, CA
[71] MARTINREA INTERNATIONAL INC., CA
[22] 2002-09-17
[41] 2004-03-17

[21] **2,404,315**
[13] A1

[51] **Int.Cl. 7E21B 37/00**
[25] EN
[54] **WELL SERVICING APPARATUS AND METHOD**
[54] **MATERIEL ET METHODE D'ENTRETIEN DES PUIITS**
[72] MOAN, DEAN EDWARD, CA
[72] JACK, LENARD ALFRED, CA
[71] MOAN, DEAN EDWARD, CA
[71] JACK, LENARD ALFRED, CA
[22] 2002-09-20
[41] 2004-03-20

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,404,356**
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A61P 31/04 7A23K 1/18**
[25] EN
[54] **GRAM-POSITIVE ANTIBACTERIAL COMPOSITION AND METHOD FOR USE**
[54] **COMPOSITION ANTIBACTERIENNE GRAM-POSITIVE ET METHODE D'UTILISATION DE CELLE-CI**
[72] ZHANG, GUOPENG, CA
[72] RITCHIE, STEWART J., DR., CA
[72] SMITH, STEPHEN R., CA
[71] CANADIAN INOVATECH INC., CA
[22] 2002-09-18
[41] 2004-03-18

[21] **2,404,410**
[13] A1

[51] **Int.Cl. 7F24F 6/14**
[25] EN
[54] **WATER-MIST BLOWER COOLING SYSTEM AND ITS NEW APPLICATIONS**
[54] **SYSTEME DE REFROIDISSEMENT PAR VENTILATEUR A EAU-BRUME ET SES NOUVELLES APPLICATIONS**
[72] LABRADOR, GAUDENCIO A., US
[71] LABRADOR, GAUDENCIO A., US
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,425**
[13] A1

[51] **Int.Cl. 7E01H 4/02 7A63C 19/10**
[25] EN
[54] **APPARATUS AND METHOD FOR SNOW GROOMING A TERRAIN PARK OR SKI AREA SLOPES**
[54] **MATERIEL ET METHODE DE DAMAGE DE PISTES DE TERRAIN D'EXERCICE POUR SPORTS DE GLISSE HIVERNAUX OU DE PENTES DE CENTRE DE SKI**
[72] SLUTZKY, DAVID, US
[71] SLUTZKY, DAVID, US
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,457**
[13] A1

[51] **Int.Cl. 7E21B 37/06 7E21B 41/02**
[25] EN
[54] **AUTOMATIC CHEMICAL STICK LOADER FOR WELLS AND METHOD OF LOADING**
[54] **CHARGEUR AUTOMATIQUE DE TIGES CHIMIQUES POUR Puits ET METHODE DE CHARGEMENT**
[72] SHADE, KENNITH, US
[72] ALVES, LEE, US
[71] SHADE, KENNITH, US
[71] ALVES, LEE, US
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,463**
[13] A1

[51] **Int.Cl. 7B65D 25/28**
[25] EN
[54] **CONTAINER WITH HANDLE REGION TO RECEIVE A ROPE HANDLE**
[54] **CONTENANT A ESPACE POUR RECEVOIR UNE POIGNEE DE CORDAGE**
[72] JACKSON, STEVEN, CA
[71] ROYAL ALLIANCE INC., CA
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,515**
[13] A1

[51] **Int.Cl. 7G01L 11/02 7G01B 11/16**
[25] EN
[54] **FIBER POLARIZATION PRESSURE SENSOR**
[54] **DETECTEUR DE PRESSION DE POLARISATION DE FIBRE**
[72] YU, HONGBIN, CA
[71] YU, HONGBIN, CA
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,522**
[13] A1

[51] **Int.Cl. 7C08F 220/18 7C08L 39/06 7C08F 230/08 7C08L 33/08 7C08F 226/10**
[25] EN
[54] **FLUOROSULFONE-SILICONE-HYDROGEL CONTACT LENSES, OPTICAL MEDICAL DEVICES AND COMPOSITIONS THEREOF**
[54] **VERRES DE CONTACT COMPOSES D'UN MELANGE SULFONE FLUOREE-SILICONE-HYDROGEL, DISPOSITIFS OPTIQUES MEDICAUX ET COMPOSITIONS CONNEXES**
[72] NOVICKY, NICK N., CA
[71] NOVICKY, NICK N., CA
[22] 2002-09-19
[41] 2004-03-19

[21] **2,404,535**
[13] A1

[51] **Int.Cl. 7E04B 5/10**
[25] EN
[54] **COMPOSITE FLOOR SYSTEM**
[54] **PLANCHER COMPOSITE**
[72] MOREAU, SERGE, CA
[71] MOREAU, SERGE, CA
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,540**
[13] A1

[51] **Int.Cl. 7G01N 33/566 7G01N 33/53**
[25] EN
[54] **A METHOD FOR MEASURING A MARKER INDICATIVE OF THE EXPOSURE OF A PATIENT TO NICOTINE; A KIT FOR MEASURING SUCH A MARKER**
[54] **UNE METHODE DE MESURE D'UN MARQUEUR D'EXPOSITION D'UN PATIENT A LA NICOTINE; UN ENSEMBLE POUR CETTE METHODE**
[72] CHANGEUX, JEAN PIERRE, FR
[72] CORMIER, ANNE, FR
[72] LAGRUE, GILBERT, FR
[72] GRAILHE, REGIS CHRISTIAN, FR
[71] INSTITUT PASTEUR, FR
[71] C.N.R.S., FR
[71] COLLEGE DE FRANCE, FR
[22] 2002-09-20
[41] 2004-03-20

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,404,542**
[13] A1
[51] Int.Cl. 7H02B 1/20 7H01B 7/00
7H01R 25/00
[25] EN
[54] ELECTRIC POWER BAR
[54] BARRE D'ALIMENTATION
ELECTRIQUE
[72] PULYK, GARRY A., CA
[71] PULYK, GARRY A., CA
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,544**
[13] A1
[51] Int.Cl. 7G12B 9/08 7E05B 73/00
7H05K 5/02 7G06F 1/16
[25] EN
[54] EQUIPMENT LOCK DOWN
ASSEMBLY
[54] ENSEMBLE D'ARRIMAGE
D'EQUIPEMENT
[72] MASSE, YVES, CA
[71] SYSTEME DE SECURITE ABM INC./
ABM SECURITY SYSTEM INC., CA
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,546**
[13] A1
[51] Int.Cl. 7B01F 7/08 7B01F 15/02
[25] EN
[54] MIXER FOR PREPARING
FEEDSTUFFS
[54] MELANGEUR POUR LA
PREPARATION D'ALIMENTS POUR
ANIMAUX
[72] PECIS, EGIDIO, IT
[71] SEKO SPA, IT
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,613**
[13] A1
[51] Int.Cl. 7G01T 1/20 7G01T 1/164
7G01T 1/202
[25] EN
[54] METHOD OF LOCALIZING
SCINTILLATION EVENT IN A
SCINTILLATION CAMERA
[54] METHODE DE LOCALISATION
D'UN EVENEMENT A SCINTILLATION
DANS UNE CAMERA A
SCINTILLATION
[72] THERRIEN, MICHEL, CA
[72] STARK, IAIN, CA
[72] SEYWERD, HENRY, CA
[71] IS2 RESEARCH INC., CA
[22] 2002-09-20
[41] 2004-03-20

[21] **2,404,770**
[13] A1
[51] Int.Cl. 7A01F 29/00
[25] EN
[54] HAY CHOPPER FOR ANIMAL
FEED
[54] HACHEUSE A FOIN POUR
L'ALIMENTATION DU BETAIL
[72] ROUSSEAU, VICTOR, CA
[71] ROUSSEAU, VICTOR, CA
[22] 2002-09-19
[41] 2004-03-19

[21] **2,405,062**
[13] A1
[51] Int.Cl. 7C02F 3/10 7C02F 3/00 7C02F
3/32 7B01D 53/84
[25] FR
[54] MASSIF DE FILTRATION A BASE
D'EXOCARPE DE COCO
[54] FILTER PACK CONTAINING
COCONUT HUSK
[72] BELANGER, GINETTE, CA
[72] TALBOT, PIERRE, CA
[72] ARCAND, YVES, CA
[72] PETTIGREW, DENIS, CA
[72] LACASSE, ROGER, CA
[72] DAUTAIS, JEAN-PIERRE, FR
[71] PREMIER TECH 2000 LTEE, CA
[22] 2002-09-20
[41] 2004-03-20

[21] **2,405,365**
[13] A1
[51] Int.Cl. 7A01D 34/64 7A01D 34/81
7A01D 34/82
[25] EN
[54] SUSPENSION DEVICE
[54] DISPOSITIF DE SUSPENSION
[72] HITT, BRIAN JAMES, US
[72] SEEGER, BRIAN DAVID, US
[71] DEERE & COMPANY, US
[22] 2002-09-26
[41] 2004-03-20
[30] US (10/247,318) 2002-09-20

[21] **2,405,375**
[13] A1
[51] Int.Cl. 7A21D 13/08 7A21D 10/00
7A21D 8/02
[25] EN
[54] TENDER LAMINATED BISCUITS
[54] BISCUITS TENDRES STRATIFIES
A LEVURE CHIMIQUE
[72] BOYLE, JANET LYNNE, US
[72] KOLBE, AMY, US
[71] THE PILLSBURY COMPANY, US
[22] 2002-09-26
[41] 2004-03-18
[30] US (10/246,795) 2002-09-18

[21] **2,406,504**
[13] A1
[51] Int.Cl. 7C07D 209/40 7A61P 35/00
7C07C 237/12 7A61K 31/16 7C07D 209/32
7C07D 209/34 7A61K 31/357 7A61K 31/
381 7A61K 31/404 7A61K 31/42 7A61K
31/421
[25] EN
[54] METHOD OF TREATING
RESISTANT TUMORS
[54] METHODE DE TRAITEMENT DE
TUMEURS RESISTANTES
[72] GREENBERGER, LEE MARTIN, US
[72] LOGANZO, FRANK JR., US
[72] AYRAL-KALOUSTIAN,
SEMIRAMIS, US
[72] ZASK, ARIE, US
[72] DISCAFANI-MARRO, CAROLYN
MARY, US
[71] AMERICAN CYANAMID
COMPANY, US
[22] 2002-10-03
[41] 2004-03-20
[30] US (10/666,722) 2002-09-20

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,407,301**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C07H 21/00 7A61K 39/02 7A61P 31/04 7C07K 14/29 7C12N 15/86**
[25] EN
[54] **HSP60 SEQUENCE FROM PISCIRICKETTSIA SALMONIS**
[54] **SEQUENCE DE HSP60 PROVENANT DE PISCIRIKETTSIA SALMONIS**
[72] SIMARD, NATHALIE, CA
[71] NOVARTIS AG, CH
[22] 2002-09-18
[41] 2004-03-18

[21] **2,413,121**
[13] A1

[51] **Int.Cl. 7E04C 3/34 7E01D 19/02**
[25] EN
[54] **REINFORCED CONCRETE COLUMN OR BRIDGE PIER**
[54] **COLONNE OU PILIER DE PONT EN BETON ARME**
[72] MUTSUYOSHI, HIROSHI, JP
[71] PRESIDENT OF SAITAMA UNIVERSITY, JP
[22] 2002-11-28
[41] 2004-03-19
[30] JP (2002-273001) 2002-09-19

[21] **2,414,619**
[13] A1

[51] **Int.Cl. 7F16B 15/00 7F16B 19/00 7B60C 19/00 7B29D 30/00 7B29C 35/02 7B29C 65/02**
[25] EN
[54] **PLASTIC IMPACT DRIVEN FASTENERS**
[54] **ATTACHES-IMPACT EN PLASTIQUE**
[72] TUCKER, PAMELA S., US
[72] SHOWERS, NANCY, US
[71] UTILITY COMPOSITES, US
[22] 2002-12-17
[41] 2004-03-18
[30] US (10/246,791) 2002-09-18

[21] **2,409,525**
[13] A1

[51] **Int.Cl. 7D03D 15/00 7A47K 10/02 7D03D 27/08**
[25] EN
[54] **MICROFIBER TOWEL WITH COTTON BASE**
[54] **SERVIETTE DE MICROFIBRES AVEC BASE DE COTON**
[72] SILVER, SCOTT HUGH, US
[71] SILVER, SCOTT HUGH, US
[22] 2002-10-23
[41] 2004-03-19
[30] US (10/247,128) 2002-09-19

[21] **2,413,481**
[13] A1

[51] **Int.Cl. 7B44D 3/00 7B05C 21/00**
[25] EN
[54] **PAINT ROLLER GRID AND GRID ASSEMBLY**
[54] **ENSEMBLE DE GRILLE A PEINTURE**
[72] BUKOVITZ, RICHARD K., US
[72] PURDY, THOMAS G., US
[71] THE WOOSTER BRUSH COMPANY, US
[22] 2002-12-03
[41] 2004-03-16
[30] US (10/244,310) 2002-09-16

[21] **2,416,085**
[13] A1

[51] **Int.Cl. 7F04D 13/02 7F04D 25/02 7F04D 29/58**
[25] EN
[54] **A PUMP**
[54] **POMPE**
[72] BECKER, FERNANDO AUGUSTO, BR
[72] DE FACCI OLIVEIRA, RICARDO AUGUSTO, BR
[71] EBERLE EQUIPAMENTOS E PROCESSOS S.A., BR
[22] 2003-01-13
[41] 2004-03-16
[30] BR (C10103034-5) 2002-09-16

[21] **2,411,499**
[13] A1

[51] **Int.Cl. 7G08B 3/10 7G08B 15/00 7A41D 27/00**
[25] EN
[54] **PERSONAL ALARM SYSTEM**
[54] **SYSTEME D'ALERTE PERSONNEL**
[72] FORDYCE, ROBERT J., CA
[72] YUKELIS, MARK L., CA
[71] FORDYCE, ROBERT J., CA
[71] YUKELIS, MARK L., CA
[22] 2002-11-07
[41] 2004-03-17
[30] US (10/246,573) 2002-09-17

[21] **2,414,470**
[13] A1

[51] **Int.Cl. 7B61H 13/02 7B61H 13/20**
[25] EN
[54] **AUTOMATIC SET AND RELEASE HAND BRAKE**
[54] **FREIN A MAIN A SERRAGE ET A DEBLOCAGE AUTOMATIQUES**
[72] HERRON, ROBERT A., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2002-12-17
[41] 2004-03-17
[30] US (10/245,449) 2002-09-17

[21] **2,417,781**
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04Q 9/14 7H04B 3/54**
[25] EN
[54] **AUTHENTICATION APPARATUS AND METHOD FOR UNIVERSAL APPLIANCE COMMUNICATION CONTROLLER**
[54] **APPAREIL ET METHODE D'AUTHENTIFICATION POUR UN CONTROLEUR DE COMMUNICATION AVEC DES APPAREILS UNIVERSELS**
[72] HOOKER, JOHN KENNETH, US
[72] LAROUCHE, ERIC, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-01-30
[41] 2004-03-16
[30] US (10/244,643) 2002-09-16

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,420,123**
[13] A1
[51] **Int.Cl. 7A47F 5/00 7A47F 7/00 7G09F 1/10**
[25] EN
[54] **FRAMELESS DISPLAY FIXTURE**
[54] **DISPOSITIF DE PRESENTATION SANS CADRE**
[72] KERKER, MICHAEL, US
[72] WEGSTEIN, BRIAN, US
[72] CAYCE, CRAIG, US
[72] DAVIS, PHILIP, US
[72] STRAM, JOHN VANDYKE, US
[71] HALLMARK CARDS, INC., US
[22] 2003-02-18
[41] 2004-03-20
[30] US (60/412,610) 2002-09-20

[21] **2,421,654**
[13] A1
[51] **Int.Cl. 7A47B 3/14**
[25] EN
[54] **FOLDABLE TABLE AND BENCH ASSEMBLY**
[54] **ENSEMBLE DE TABLE ET DE BANCS PLIANTS**
[72] TSENG, CHUEN-JONG, XX
[71] TAIWAN SHIN YEH ENTERPRISE CO., LTD., XX
[22] 2003-03-11
[41] 2004-03-18
[30] TW (091204725) 2002-09-18

[21] **2,421,825**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7G06F 17/40 7G06F 9/44**
[25] EN
[54] **VERSION CONTROL SYSTEM FOR SOFTWARE DEVELOPMENT**
[54] **SYSTEME DE CONTROLE DE VERSION POUR LA PRODUCTION DE LOGICIELS**
[72] DOYLE, MICHAEL, CA
[72] DEFAIX, FLORENCE, FR
[72] WETMORE, ROSS, CA
[71] MKS INC., CA
[22] 2003-03-13
[41] 2004-03-20
[30] US (60/411,875) 2002-09-20

[21] **2,422,318**
[13] A1
[51] **Int.Cl. 7B24B 31/12**
[25] EN
[54] **POWER TOOL WITH PORTABLE POWER SOURCE**
[54] **OUTIL ELECTRIQUE AVEC BLOC D'ALIMENTATION PORTATIF**
[72] GERRITSEN, JOHN T., US
[72] BOYER, CHRISTOPHER T., US
[71] WMH TOOL GROUP, INC., US
[22] 2003-03-17
[41] 2004-03-19
[30] US (10/247,209) 2002-09-19

[21] **2,422,599**
[13] A1
[51] **Int.Cl. 7C12N 15/53 7A01H 5/00 7C12N 9/02 7C12N 5/10 7C12N 15/29**
[25] EN
[54] **GIBBERELLIN 2-OXIDASE GENE, FUNCTIONS AND USES THEREOF**
[54] **GENE DE LA GIBBERELLINE-2-OXYDASE, FONCTIONS ET UTILISATIONS**
[72] MATSUOKA, MAKOTO, JP
[72] KOBAYASHI, MASATOMO, JP
[72] SAKAI, MIHO, JP
[72] SAITO, TAMIO, JP
[72] SAKAMOTO, TOMOAKI, JP
[72] TANAKA, HIROSHI, JP
[72] KAYANO, TOSHIKA, JP
[71] BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION, JP
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP
[22] 2003-03-19
[41] 2004-03-20
[30] JP (2002-276051) 2002-09-20

[21] **2,422,620**
[13] A1
[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7C12N 5/04 7A01H 5/10 7C07K 14/415**
[25] EN
[54] **METHOD OF CONTROLLING CHARACTER OF MONOCOTYLEDON BY MODIFICATION AND/OR OVEREXPRESSION OF CYTOCHROME P450 MONOOXYGENASE GENE INVOLVED IN BRASSINOSTEROID BIOSYNTHESIS AND MONOCOTYLEDON MODIFIED BY THE GENE**
[54] **METHODE DE CONTROLE DU CARACTERE DE MONOCOTYLEDONS PAR MODIFICATION ET/OU SUREXPRESSION DU GENE DE LA MONOOXYGENASE-CYTOCHROME P-450 PARTICIPANT A LA BIOSYNTHESE DE BRASSINOSTEROIDES ET MONOCOTYLEDONS AINSI MODIFIES**
[72] KAYANO, TOSHIKI, JP
[72] TANAKA, HIROSHI, JP
[72] MATSUOKA, MAKOTO, JP
[72] SAKAMOTO, TOMOAKI, JP
[72] IWAHORI, SHUICHI, JP
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP
[71] BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION, JP
[22] 2003-03-19
[41] 2004-03-20
[30] JP (2002-276398) 2002-09-20

[21] **2,423,055**
[13] A1
[51] **Int.Cl. 7G07F 9/10 7G07F 17/32**
[25] EN
[54] **GAMING DEVICE BASE**
[54] **BASE D'APPAREIL DE JEU**
[72] KOBRYN, MICHAEL, US
[72] MCNAMARA, JACK, US
[72] SEELIG, JERALD C., US
[72] SEELIG, MAC, US
[71] TC MILLWORK, INC., US
[71] ATLANTIC CITY COIN & SLOT SERVICE COMPANY, INC., US
[22] 2003-03-21
[41] 2004-03-16
[30] US (10/245,628) 2002-09-16

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,424,667**
[13] A1

[51] **Int.Cl. 7B65B 1/06 7B65B 39/00**
[25] EN
[54] **FEEDING UNIT FOR FEEDING SUBSTANCES, IN PARTICULAR POWDERY, GRANULAR AND SIMILAR SUBSTANCES, TO CONTAINERS**
[54] **UNITE D'ALIMENTATION DE SUBSTANCES A DES CONTENANTS, EN PARTICULIER DE SUBSTANCES POUFREUSES, GRANULAIRES ET D'AUTRES SUBSTANCES SIMILAIRES**
[72] DOVESI, PIETRO, IT
[71] DOVESI, PIETRO, IT
[22] 2003-04-08
[41] 2004-03-17
[30] IT (BO2002A 000584) 2002-09-17

[21] **2,426,232**
[13] A1

[51] **Int.Cl. 7H01G 4/00**
[25] EN
[54] **MONOLITHIC CERAMIC CAPACITOR WITH BARIUM TITANATE DIELECTRIC CURIE POINT OPTIMIZED FOR ACTIVE IMPLANTABLE MEDICAL DEVICES OPERATING AT 37 DEGREES CENTIGRADE**
[54] **CONDENSATEUR EN CERAMIQUE MONOLITHIQUE AVEC POINT DE CURIE EN TITANATE DE BARYUM OPTIMISE POUR DES IMPLANTS MEDICAUX ACTIFS FONCTIONNANT A 37 DEGRES CENTIGRADES**
[72] STEVENSON, ROBERT A., US
[72] ROBERTS, JOHN E., US
[72] HASKELL, DONALD K., US
[71] GREATBATCH-SIERRA, INC., US
[22] 2003-04-17
[41] 2004-03-20
[30] US (10/251,672) 2002-09-20

[21] **2,427,318**
[13] A1

[51] **Int.Cl. 7B65G 1/12**
[25] EN
[54] **AN OUTPUT ASSEMBLY FOR STORAGE DEVICES, FOR INSTANCE FOR AUTOMATIC PACKAGING INSTALLATIONS**
[54] **ENSEMBLE DE SORTIE POUR DISPOSITIF DE STOCKAGE, PAR EXEMPLE POUR INSTALLATIONS D'EMBALLAGE AUTOMATIQUE**
[72] GUIDETTI, DARIO, IT
[71] CAVANNA S.P.A., IT
[22] 2003-04-30
[41] 2004-03-16
[30] EP (02425561.4) 2002-09-16

[21] **2,428,439**
[13] A1

[51] **Int.Cl. 7A42C 1/00 7B65D 5/00 7B65D 5/18 7B65D 81/36**
[25] EN
[54] **CAN CARTON CAP**
[54] **CASQUETTE EN CARTON A CANNETTES**
[72] MONTANA, PETER A., II, CA
[71] MONTANA, PETER A., II, CA
[22] 2003-05-12
[41] 2004-03-18
[30] US (10/065,113) 2002-09-18

[21] **2,428,571**
[13] A1

[51] **Int.Cl. 7H01J 61/24 7H01J 65/04 7H01J 61/12**
[25] EN
[54] **FLUORESCENT LAMP AND AMALGAM ASSEMBLY THEREFOR**
[54] **LAMPE FLUORESCENTE ET ENSEMBLE A AMALGAME CONNEXE**
[72] SPEER, RICHARD S., US
[72] LIMA, JOSEPH V., US
[71] OSRAM SYLVANIA INC., US
[22] 2003-05-13
[41] 2004-03-20
[30] US (10/247,891) 2002-09-20

[21] **2,428,825**
[13] A1

[51] **Int.Cl. 7C01G 39/02 7B01D 5/00 7B01J 2/00 7B22F 9/12**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING NANO-PARTICLES OF MOLYBDENUM OXIDE**
[54] **METHODE ET APPAREIL DE PRODUCTION DE NANOPARTICULES D'OXYDE DE MAGNESIUM**
[72] TAUBE, JOEL A., US
[71] CYPRUS AMAX MINERALS COMPANY, US
[22] 2003-05-15
[41] 2004-03-18

[21] **2,429,550**
[13] A1

[51] **Int.Cl. 7G01B 11/02 7G01B 11/04 7G01N 21/86**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING THE EDGE OF AN IMAGING MEDIA**
[54] **METHODE ET APPAREIL DE DETECTION DU BORD D'UN SUPPORT D'IMAGERIE**
[72] SMYTHIES, DOUGLAS C., CA
[72] TRAUTMAN, CHRISTOPHER E., CA
[71] CREO INC., CA
[22] 2003-05-23
[41] 2004-03-18

[21] **2,429,950**
[13] A1

[51] **Int.Cl. 7E03C 1/28 7E03F 5/04**
[25] EN
[54] **TRAP GUARD DEVICE**
[54] **PROTECTEUR DE SIPHON**
[72] CORNWALL, KENNETH R., US
[71] CORNWALL, KENNETH R., US
[22] 2003-05-26
[41] 2004-03-17
[30] US (10/245,126) 2002-09-17

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,430,016**
[13] A1
[51] **Int.Cl. 7F02M 19/04**
[25] EN
[54] **TAMPER RESISTANT CARBURETOR MIXTURE NEEDLES**
[54] **AIGUILLES DE MELANGE DE CARBURATEUR INVOLABLES**
[72] WARFEL, PAUL A., US
[72] FRANKE, JEFFREY S., US
[72] WALLACE, MIKE, US
[72] COCHRAN, TONY, US
[72] TYNES, RODNEY W., US
[71] ELECTROLUX HOME PRODUCTS, INC., US
[22] 2003-05-26
[41] 2004-03-18
[30] US (10/246,256) 2002-09-18

[21] **2,430,821**
[13] A1
[51] **Int.Cl. 7A61F 2/44 7A61L 27/22 7A61L 27/44 7A61L 27/52**
[25] EN
[54] **RADIOVISIBLE HYDROGEL INTERVERTEBRAL DISC NUCLEUS**
[54] **NOYAU DE DISQUE INTERVERTEBRAL EN HYDROGEL RADIO-OPAQUE**
[72] NGO, CHAU, US
[72] DEMARIA, CHRISTOPHER, US
[72] WILLIAMS, PHILIP F., III, US
[72] HIGHAM, PAUL, US
[71] HOWMEDICA OSTEONICS CORP., US
[22] 2003-06-03
[41] 2004-03-16
[30] US (10/244,306) 2002-09-16

[21] **2,431,103**
[13] A1
[51] **Int.Cl. 7B65G 39/02 7B65G 45/04**
[25] EN
[54] **LUBRICATION COLLECTOR AND THERMAL TRANSFER ASSISTANCE DEVICE FOR A MOTORIZED CONVEYOR PULLEY AND METHOD**
[54] **COLLECTEUR DE LUBRIFICATION ET DISPOSITIF FACILITANT LE TRANSFERT THERMIQUE POUR POULIE DE CONVOYEUR MOTORISE, ET METHODE DE FONCTIONNEMENT**
[72] HILL, JASON J., US
[71] EMERSON POWER TRANSMISSION MANUFACTURING, L.P., US
[22] 2003-06-04
[41] 2004-03-16
[30] US (10/245,728) 2002-09-16

[21] **2,431,456**
[13] A1
[51] **Int.Cl. 7F24H 9/20**
[25] EN
[54] **A KNOB ADJUSTING DEVICE, IN PARTICULAR FOR ADJUSTING TEMPERATURE IN WATER-HEATING APPARATUS**
[54] **BOUTON DE REGLAGE DE LA TEMPERATURE D'UN CHAUFFE-EAU**
[72] TONIOLO, ALESSANDRO, IT
[72] ZANELLA, STEFANO, IT
[71] SIT LA PRECISA S.P.A., IT
[22] 2003-06-06
[41] 2004-03-16
[30] IT (PD2002A000236) 2002-09-16

[21] **2,432,198**
[13] A1
[51] **Int.Cl. 7A63H 33/28**
[25] EN
[54] **BUBBLE GENERATING ASSEMBLY**
[54] **GENERATEUR DE BULLES**
[72] THAI, DOUGLAS, US
[71] ARKO DEVELOPMENT LIMITED, HK
[22] 2003-06-13
[41] 2004-03-20
[30] US (10/247994) 2002-09-20

[21] **2,432,873**
[13] A1
[51] **Int.Cl. 7H01J 61/33 7H01J 61/18**
[25] EN
[54] **CERAMIC ARC TUBE WITH INTERNAL RIDGE**
[54] **TUBE CERAMIQUE A DECHARGE AVEC SAILLIE INTERNE**
[72] BROCK, LORI R., US
[71] OSRAM SYLVANIA INC., US
[22] 2003-06-20
[41] 2004-03-19
[30] US (10/246,953) 2002-09-19

[21] **2,433,270**
[13] A1
[51] **Int.Cl. 7B23C 1/20 7B27C 5/10**
[25] EN
[54] **DEPTH ADJUSTMENT FOR A FIXED BASE ROUTER**
[54] **REGLAGE DE LA PROFONDEUR POUR TOUPIE A BASE FIXE**
[72] WATSON, ELTON LEE, US
[72] PIENKA, MATTHEW JAMES, US
[72] LONG, CHARLES KEITH, US
[71] ONE WORLD TECHNOLOGIES LIMITED, BM
[22] 2003-06-25
[41] 2004-03-17
[30] US (10/245,151) 2002-09-17

[21] **2,433,721**
[13] A1
[51] **Int.Cl. 7A61B 5/0402 7G06F 19/00 7A61B 5/042 7A61B 5/0432 7A61B 5/0452**
[25] EN
[54] **SYSTEM FOR THE DETECTION OF CARDIAC EVENTS**
[54] **DISPOSITIF DE DETECTION D'EVENEMENTS CARDIAQUES**
[72] FISCHELL, ROBERT E., US
[72] HARWOOD, JONATHAN, US
[72] FISCHELL, TIM A., US
[72] FISCHELL, DAVID R., US
[71] ANGEL MEDICAL SYSTEMS, INC., US
[22] 2003-06-26
[41] 2004-03-20
[30] US (10/251,505) 2002-09-20

[21] **2,433,815**
[13] A1
[51] **Int.Cl. 7E04H 4/12 7E04H 4/00**
[25] EN
[54] **POND SYSTEM AND RELATED PUMP**
[54] **BASSIN ET POMPE CONNEXE**
[72] KELLY, DAVID R., US
[72] GULISANO, MATTHEW J., US
[72] KISHPAUGH, ALLAN R., US
[72] HOLDER, DONALD J., US
[72] ORDWAY, BRUCE B., US
[71] AQUASCAPE DESIGNS, INC., US
[22] 2003-06-25
[41] 2004-03-19
[30] US (10/246,927) 2002-09-19

Demandes canadiennes mises à la disponibilité du public

14 mars 2004 - 20 mars 2004

[21] **2,434,707**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G08C 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING DATA TO SUPPORT FUEL TAX REBATES**
[54] **METHODE ET APPAREIL DE GENERATION DE DONNEES POUR APPUYER LES RISTOURNES DE TAXE SUR LE CARBURANT**
[72] BEBB, ROBERT DOUGLAS, CA
[72] HANNIGAN, SEAN D., CA
[71] BEBB, ROBERT DOUGLAS, CA
[71] HANNIGAN, SEAN D., CA
[22] 2003-07-07
[41] 2004-03-18

[21] **2,435,104**
[13] A1
[51] **Int.Cl. 7C01B 3/02 7C01B 3/00 7B01J 19/00 7H01M 8/06 7H01M 8/22**
[25] EN
[54] **GAS GENERATION SYSTEM**
[54] **GENERATEUR DE GAZ**
[72] DEVOS, JOHN A., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[22] 2003-07-11
[41] 2004-03-16
[30] US (10/245,395) 2002-09-16

[21] **2,435,549**
[13] A1
[51] **Int.Cl. 7B29C 33/20 7B29C 33/00 7B29C 70/00**
[25] EN
[54] **OPEN MOLD MANUFACTURING SCHEDULE SYSTEM**
[54] **SYSTEME D'ORDONNANCEMENT DE FABRICATION A MOULES OUVERTS**
[72] HILDRETH, JIMMY J., US
[72] BROWN, CHARLES M., US
[71] AQUA GLASS CORPORATION, US
[22] 2003-07-18
[41] 2004-03-20
[30] US (10/251,037) 2002-09-20

[21] **2,435,583**
[13] A1
[51] **Int.Cl. 7A47K 3/02**
[25] EN
[54] **WATER-PROOF JOINT FOR TUB SURROUND**
[54] **JOINT ETANCHE PERIPHERIQUE POUR CUVE THERMALE**
[72] THOMAS, BRENT, US
[71] AQUA GLASS CORPORATION, US
[22] 2003-07-18
[41] 2004-03-18
[30] US (10/246,012) 2002-09-18

[21] **2,437,682**
[13] A1
[51] **Int.Cl. 7G05D 23/02 7H05B 3/00 7H05B 1/02 7B29C 65/22**
[25] EN
[54] **REACTIVE HOT WIRE CONTROL APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE COMMANDE REACTIVE PAR FIL CHAUD**
[72] HAYWARD, KEVIN M., US
[71] HAYWARD, KEVIN M., US
[22] 2003-08-20
[41] 2004-03-20
[30] US (10/251,415) 2002-09-20

[21] **2,437,779**
[13] A1
[51] **Int.Cl. 7F25D 23/00**
[25] EN
[54] **REFRIGERATOR CONTENTS VIEWING SYSTEM**
[54] **SYSTEME DE VISIONNEMENT DE CONTENU DE REFRIGERATEUR**
[72] MANDEL, SHELDON W., US
[71] MAYTAG CORPORATION, US
[22] 2003-08-20
[41] 2004-03-19
[30] US (10/246,427) 2002-09-19

[21] **2,437,911**
[13] A1
[51] **Int.Cl. 7B66F 3/00 7E01H 5/06**
[25] EN
[54] **JACK FOR A WORKING IMPLEMENT AND METHOD**
[54] **VERIN POUR EQUIPEMENT DE TRAVAIL ET METHODE CONNEXE**
[72] CURTIS, MARC D., US
[71] CURTIS INTERNATIONAL, INC., US
[22] 2003-08-14
[41] 2004-03-20
[30] US (60/412,347) 2002-09-20
[30] US (60/434,556) 2002-12-18
[30] US (10/368,963) 2003-02-19

[21] **2,438,162**
[13] A1
[51] **Int.Cl. 7G01N 21/25 7C12Q 1/02 7G01N 21/27**
[25] EN
[54] **BIOSENSOR**
[54] **BIOCAPTEUR**
[72] CARPENTER, STEVEN E., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[22] 2003-08-25
[41] 2004-03-16
[30] US (10/245,678) 2002-09-16

[21] **2,438,296**
[13] A1
[51] **Int.Cl. 7B60T 7/20**
[25] FR
[54] **PROCEDE DE COMMANDE DU DISPOSITIF DE FREINAGE D'UNE REMORQUE ET DISPOSITIF DE FREINAGE FONCTIONNANT SELON CE PROCEDE**
[54] **CONTROL PROCESS FOR TRAILER BRAKING SYSTEM, AND BRAKING SYSTEM OPERATING WITH THIS PROCESS**
[72] TOBLER, SEBASTIAN, CH
[71] ZBINDEN POSIEUX SA, CH
[22] 2003-08-26
[41] 2004-03-18
[30] EP (02405811.7) 2002-09-18

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,438,382**
[13] A1
[51] **Int.Cl. 7H04B 10/20 7H04L 12/24 7H04L 12/40**
[25] EN
[54] **OAM CAPABILITY DISCOVERY METHOD IN ETHERNET PASSIVE OPTICAL NETWORK**
[54] **METHODE DE RECHERCHE DE RESSOURCES D'EXPLOITATION, D'ADMINISTRATION ET DE MAINTENANCE DANS UN RESEAU OPTIQUE PASSIF ETHERNET**
[72] SONG, JAE-YEON, KR
[72] LIM, SE-YOUNG, KR
[72] LEE, MIN-HYO, KR
[72] KIM, JIN-HEE, KR
[72] KIM, A-JUNG, KR
[72] KIM, SU-HYUNG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2003-08-26
[41] 2004-03-19
[30] KR (57296/2002) 2002-09-19

[21] **2,438,482**
[13] A1
[51] **Int.Cl. 7A47C 27/10 7A47C 27/00 7A47C 31/00**
[25] EN
[54] **MODULATED AIR CUSHION**
[54] **COUSSIN D'AIR MODULE**
[72] TSAI, JEN-HSIU, CN
[72] TSAI, TIEN-MIN, XX
[71] TSAI, JEN-HSIU, CN
[71] TSAI, TIEN-MIN, XX
[22] 2003-08-22
[41] 2004-03-16
[30] TW (091121172) 2002-09-16

[21] **2,438,512**
[13] A1
[51] **Int.Cl. 7F16L 5/02 7F16J 15/02**
[25] EN
[54] **A CAPILLARY SEAL FOR A BURN CHAMBER**
[54] **SCEAU CAPILLAIRE POUR CHAMBRE DE COMBUSTION**
[72] ARTHUR, ALAN R., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[22] 2003-08-27
[41] 2004-03-16
[30] US (10/245,406) 2002-09-16

[21] **2,438,634**
[13] A1
[51] **Int.Cl. 7E02D 17/16 7E21B 7/12 7E02F 3/88**
[25] EN
[54] **METHOD AND APPARATUS FOR EXCAVATING SOIL MATERIAL**
[54] **METHODE ET EQUIPEMENT D'EXCAVATION DE MATERIAU CONSTITUTIF DU SOL**
[72] SCHWANK, STEFAN KONRAD, DE
[71] BAUER MASCHINEN GMBH, DE
[22] 2003-08-29
[41] 2004-03-20
[30] DE (102 43 747.5) 2002-09-20

[21] **2,438,778**
[13] A1
[51] **Int.Cl. 7C12N 15/62 7A61K 48/00 7C07K 19/00 7C12N 15/12 7A61K 35/14 7C07K 14/155 7A61K 38/17 7C12N 15/18 7A61P 31/18 7A61K 39/21 7C12N 15/48 7A61K 31/7088 7C07K 14/71 7A61K 35/76 7C12N 15/867**
[25] EN
[54] **CONJUGATE**
[54] **CONJUGUE**
[72] FEDERICO, MAURIZIO, IT
[71] MOLMED SPA, IT
[22] 2003-08-29
[41] 2004-03-19
[30] GB (0221778.4) 2002-09-19

[21] **2,438,826**
[13] A1
[51] **Int.Cl. 7E21B 7/04**
[25] EN
[54] **TWO STAGE DOWNHOLE DRILLING FLUID FILTER**
[54] **FILTRE DE FLUIDE DE FORAGE DE FOND DE TROU A DEUX ETAGES**
[72] MENDER, CHRISTIAN, GB
[72] PHAN, HENRY, US
[72] DOWNTON, GEOFF, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2003-08-28
[41] 2004-03-17
[30] US (10/065,100) 2002-09-17

[21] **2,439,183**
[13] A1
[51] **Int.Cl. 7F41H 5/04 7F41H 7/04**
[25] EN
[54] **CERAMIC BODIES AND BALLISTIC ARMOR INCORPORATING THE SAME**
[54] **CORPS EN CERAMIQUE ET BLINDAGE ANTI-PROJECTILES AINSI EQUIPES**
[72] COHEN, MICHAEL, IL
[71] COHEN, MICHAEL, IL
[22] 2003-09-02
[41] 2004-03-19
[30] IL (151,830) 2002-09-19
[30] US (10/256,112) 2002-09-26
[30] US (10/322,237) 2002-12-18

[21] **2,439,329**
[13] A1
[51] **Int.Cl. 7H04R 25/00 7H04R 3/00**
[25] EN
[54] **SWITCHING STRUCTURES FOR HEARING AID**
[54] **STRUCTURES DE COMMUTATION POUR PROTHESE AUDITIVE**
[72] ROBERTS, RANDALL W., US
[72] PETERSON, TIMOTHY S., US
[72] SACHA, MIKE K., US
[72] BREN, MARK A., US
[71] STARKEY LABORATORIES, INC., US
[22] 2003-09-02
[41] 2004-03-16
[30] US (10/244,295) 2002-09-16

[21] **2,439,351**
[13] A1
[51] **Int.Cl. 7H04L 12/26 7H04L 29/12**
[25] EN
[54] **TRANSMISSION PATH MONITORING**
[54] **SURVEILLANCE DES TRAJETS DE TRANSMISSION**
[72] CARSON, MARK, GB
[72] KEARNEY, JAMES, GB
[72] SMITH, WILLIAM, GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2003-09-03
[41] 2004-03-19
[30] US (10/247,172) 2002-09-19

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,439,650**
[13] A1

[51] **Int.Cl. 7G02B 26/00 7G02B 5/20**
[25] EN
[54] **COLOR-GENERATING DEVICE AND DISPLAY SYSTEM**
[54] **GENERATEUR DE COULEURS ET SYSTEME D’AFFICHAGE**
[72] GIERE, MATTHEW D., US
[72] CHILDERS, WINTHROP D., US
[72] TYVOLL, DAVID, US
[72] STEINFELD, STEVEN W., US
[72] SCHMIDT, JACK H., US
[72] LASSAR, NOAH C., US
[72] SAMII, MOHAMMAD M., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[22] 2003-09-05
[41] 2004-03-19
[30] US (10/251,311) 2002-09-19

[21] **2,439,714**
[13] A1

[51] **Int.Cl. 7G01N 29/08**
[25] EN
[54] **PHASED ARRAY ULTRASONIC INSPECTION METHOD FOR INDUSTRIAL APPLICATIONS**
[54] **METHODE D’INSPECTION AUX ULTRASONS A RESEAU A COMMANDE DE PHASE**
[72] MCELLIGOTT, ROBERT JOHN, US
[72] FRANKLIN, DAVID CHARLES, US
[72] NIETERS, EDWARD JAMES, US
[72] HATFIELD, WILLIAM THOMAS, US
[72] CHALEK, CARL LAWRENCE, US
[72] GILMORE, ROBERT SNEE, US
[72] BARSHINGER, JAMES NORMAN, US
[72] LI, WEI, US
[72] BATZINGER, THOMAS JAMES, US
[72] HAIDER, BRUNO HANS, US
[72] KLAASSEN, RICHARD EUGENE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-09-04
[41] 2004-03-16
[30] US (10/244,637) 2002-09-16

[21] **2,439,718**
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/24**
[25] EN
[54] **FLOW DISRUPTOR ENHANCED FUEL CELL**
[54] **PILE A COMBUSTIBLE AMELIOREE AVEC UN DISPOSITIF POUR PERTURBER LE FLUX**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-09-04
[41] 2004-03-18
[30] US (10/246,066) 2002-09-18

[21] **2,439,755**
[13] A1

[51] **Int.Cl. 7A47J 37/07 7A47J 37/06**
[25] EN
[54] **BARBECUE GRILL**
[54] **GRIL DE BARBECUE**
[72] EMTER, JAMES SR., US
[71] EMTER, JAMES SR., US
[22] 2003-09-05
[41] 2004-03-19
[30] US (10/251544) 2002-09-19

[21] **2,439,989**
[13] A1

[51] **Int.Cl. 7B60K 17/10**
[25] EN
[54] **POWER UNIT FOR VEHICLE WITH INTERNAL COMBUSTION ENGINE**
[54] **BLOC-MOTEUR POUR VEHICULE A MOTEUR A COMBUSTION INTERNE**
[72] ITO, KATSUHIKO, JP
[72] NEGORO, MASAOKI, JP
[72] KEYAKI, SHINICHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2003-09-08
[41] 2004-03-18
[30] JP (2002-272335) 2002-09-18

[21] **2,439,992**
[13] A1

[51] **Int.Cl. 7G05B 19/418 7B05B 12/00 7B05B 15/00 7G05B 19/414**
[25] EN
[54] **POWDER COATING SYSTEM CENTRAL CONTROLLER**
[54] **REGULATEUR CENTRAL DE SYSTEME DE REVETEMENT PAR PULVERISATION**
[72] PERKINS, JEFFREY, US
[72] NEMETHY, STEPHEN, US
[72] BEDNARZ, VINCE, US
[72] SCHROEDER, JOSEPH G., US
[71] NORDSON CORPORATION, US
[22] 2003-09-09
[41] 2004-03-20
[30] US (10/251,003) 2002-09-20

[21] **2,439,997**
[13] A1

[51] **Int.Cl. 7G02B 26/00 7G02B 5/20**
[25] EN
[54] **FILTER FOR A DISPLAY SYSTEM**
[54] **FILTRE POUR SYSTEME D’AFFICHAGE**
[72] SCHMIDT, JACK H., US
[72] LASSAR, NOAH, US
[72] GIERE, MATTHEW, US
[72] TYVOLL, DAVID, US
[72] SAMII, MOHAMMAD M., US
[72] STEINFELD, STEVEN W., US
[72] CHILDERS, WINTHROP D., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[22] 2003-09-05
[41] 2004-03-19
[30] US (10/251,241) 2002-09-19

[21] **2,440,046**
[13] A1

[51] **Int.Cl. 7H01J 61/04**
[25] EN
[54] **DISCHARGE LAMP ELECTRODE ASSEMBLY**
[54] **ENSEMBLE A ELECTRODES POUR LAMPE A DECHARGE**
[72] KANAGAWA, AKIRA, JP
[72] KOBAYASHI, MASANOBU, JP
[71] USHIODENKI KABUSHIKI KAISHA, JP
[22] 2003-09-08
[41] 2004-03-19
[30] JP (2002-272825) 2002-09-19

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,440,064**
[13] A1
[51] **Int.Cl. 7H04L 27/01 7H04H 1/00
7H04J 11/00 7H04B 7/005**
[25] EN
[54] **CHANNEL EQUALIZER OF
SINGLE CARRIER RECEIVER AND
EQUALIZING METHOD THEREOF**
[54] **EGALISEUR DE CANAUX POUR
RECEPTEUR A PORTEUSE UNIQUE ET
METHODE D'EGALISATION
CONNEXE**
[72] KIM, JAE-HYON, KR
[72] JEONG, JIN-HEE, KR
[72] CHANG, YONG-DEOK, KR
[71] SAMSUNG ELECTRONICS CO.,
LTD., KR
[22] 2003-09-09
[41] 2004-03-19
[30] KR (2002-57399) 2002-09-19
[30] KR (2003-443) 2003-01-04

[21] **2,440,102**
[13] A1
[51] **Int.Cl. 7C09K 7/00 7C04B 7/02
7C08L 53/02**
[25] EN
[54] **ELASTOMERIC ADMIXTURES
FOR IMPROVING CEMENT
ELASTICITY**
[54] **MELANGES ELASTOMERES
POUR AMELIORER L'ELASTICITE DU
CIMENT**
[72] RAVI, KRISHNA M., US
[72] REDDY, B. RAGHAVA, US
[71] HALLIBURTON ENERGY
SERVICES, INC., US
[22] 2003-09-09
[41] 2004-03-19
[30] US (10/246,943) 2002-09-19

[21] **2,440,115**
[13] A1
[51] **Int.Cl. 7B32B 27/36 7B05B 5/00
7B29C 35/02 7B05B 15/12 7B01D 45/12**
[25] EN
[54] **IMPROVEMENTS IN AND
RELATING TO POWDER COATING
SYSTEMS**
[54] **AMELIORATIONS DE SYSTEMES
DE REVETEMENT PAR
PULVERISATION**
[72] JONES, EDWARD L., US
[72] SHUTIC, JEFFREY R., US
[71] NORDSON CORPORATION, US
[22] 2003-09-09
[41] 2004-03-20
[30] US (10/251,930) 2002-09-20

[21] **2,440,247**
[13] A1
[51] **Int.Cl. 7G01V 9/00**
[25] EN
[54] **FRACTURE MONITORING USING
PRESSURE-FREQUENCY ANALYSIS**
[54] **SURVEILLANCE DE
FRACTURATION AU MOYEN
D'ANALYSES DE FREQUENCE DE
PRESSION**
[72] STEPHENSON, STANLEY V., US
[72] SURJAATMADJA, JIM B., US
[71] HALLIBURTON ENERGY
SERVICES, INC., US
[22] 2003-09-09
[41] 2004-03-20
[30] US (10/251,301) 2002-09-20

[21] **2,440,415**
[13] A1
[51] **Int.Cl. 7A23G 9/00 7A23G 9/02
7A23G 9/04**
[25] EN
[54] **FROZEN AERATED PRODUCTS**
[54] **PRODUITS AERES SURGELES**
[72] BARTKOWSKA, BEATA, GB
[72] FOSTER, TIMOTHY JOHN, NL
[72] GRAY, SARAH JANE, GB
[72] REGISMOND, SUDARSHI TANUJA
ANGELIQUE, NL
[72] UNDERDOWN, JEFFREY, GB
[71] UNILEVER PLC, GB
[22] 2003-09-10
[41] 2004-03-17
[30] GB (0221565.5) 2002-09-17

[21] **2,440,431**
[13] A1
[51] **Int.Cl. 7A62B 18/02 7A62B 18/08**
[25] EN
[54] **HIGH G OXYGEN MASK FOR
AIRCREW**
[54] **MASQUE A OXYGENE POUR
EQUIPAGE D'AERONEF SOUMIS A
UNE FORTE ACCELERATION**
[72] GRIFFITHS, JOSEPH ANTHONY, GB
[71] GRIFFITHS, JOSEPH ANTHONY, GB
[22] 2003-09-10
[41] 2004-03-18
[30] GB (0221687.7) 2002-09-18

[21] **2,440,486**
[13] A1
[51] **Int.Cl. 7C04B 28/14 7C04B 11/00
7C08L 95/00 7C04B 26/02 7C04B 26/06**
[25] EN
[54] **POLYMER MODIFIED GYPSUM
COMPOSITION**
[54] **COMPOSITION DE GYPSE
MODIFIEE AVEC UN POLYMERE**
[72] POLLET, BRUNO, FR
[72] CLAMEN, GUY JOSEPH, FR
[71] ROHM AND HAAS COMPANY, US
[22] 2003-09-08
[41] 2004-03-20
[30] US (02292326.2) 2002-09-20

[21] **2,440,492**
[13] A1
[51] **Int.Cl. 7A61K 7/32 7A61K 7/38**
[25] EN
[54] **SKIN FRIENDLY
ANTIPERSPIRANT AND METHOD OF
MAKING**
[54] **ANTISUDORIFIQUE SANS
DANGER POUR LA PEAU ET
METHODE DE FABRICATION**
[72] PAREKH, JAWAHAR C., US
[72] LI, ZIJUN, US
[71] REHEIS, INC., US
[22] 2003-09-08
[41] 2004-03-16
[30] US (10/244,701) 2002-09-16

[21] **2,440,493**
[13] A1
[51] **Int.Cl. 7C09K 7/02 7E21B 43/26**
[25] EN
[54] **RE-USE OF RECOVERED
TREATING FLUID**
[54] **REUTILISATION DE LIQUIDE DE
TRAITEMENT RECUPERE**
[72] WEAVER, JIM, US
[72] SLABAUGH, BILLY, US
[72] LEHMAN, LYLE V., US
[72] HALEY, WILL E., US
[71] HALLIBURTON ENERGY
SERVICES, INC., US
[22] 2003-09-08
[41] 2004-03-16
[30] US (10/245,557) 2002-09-16

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,440,495**
[13] A1

[51] **Int.Cl. 7A61B 18/20 7A61B 18/22 7A61B 18/24**
[25] EN
[54] **LASER PULMONARY VEIN ISOLATION**
[54] **ISOLEMENT PAR LASER D'UNE VEINE PULMONAIRE**
[72] SCHWARTZ, YITZHACK, IL
[72] GOVARI, ASSAF, IL
[72] LEATHAM, MARCIA, AN
[72] BEN-HAIM, SHLOMO, IL
[72] YARON, URI, IL
[71] BIOSENCE, INC., US
[22] 2003-09-11
[41] 2004-03-17
[30] US (10/245,613) 2002-09-17

[21] **2,440,496**
[13] A1

[51] **Int.Cl. 7A61B 18/14 7A61B 1/005**
[25] EN
[54] **ENDOSCOPIC ABLATION SYSTEM WITH A PLURALITY OF ELECTRODES**
[54] **SYSTEME D'ABLATION ENDOSCOPIQUE MUNI D'UN ENSEMBLE D'ELECTRODES**
[72] LONG, GARY L., GB
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2003-09-11
[41] 2004-03-18
[30] US (10/245,928) 2002-09-18

[21] **2,440,497**
[13] A1

[51] **Int.Cl. 7A61B 1/005 7A61B 18/14**
[25] EN
[54] **ENDOSCOPIC ABLATION SYSTEM WITH A DISTALLY MOUNTED IMAGE SENSOR**
[54] **DISPOSITIF D'ABLATION ENDOSCOPIQUE COMPRENANT UN CAPTEUR D'IMAGES INSTALLE A SON EXTREMITÉ**
[72] LONG, GARY L., GB
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2003-09-11
[41] 2004-03-18
[30] US (10/246,056) 2002-09-18

[21] **2,440,533**
[13] A1

[51] **Int.Cl. 7B60H 1/32**
[25] EN
[54] **AIR CONDITIONING SYSTEMS FOR VEHICLES, VEHICLES COMPRISING SUCH AIR CONDITIONING SYSTEMS, AND METHODS FOR DRIVING HYBRID COMPRESSORS OF SUCH AIR CONDITIONING SYSTEMS**
[54] **SYSTEMES DE CLIMATISATION POUR VEHICULES, VEHICULES COMPORTANT DE TELS SYSTEMES DE CLIMATISATION, ET METHODES D'ENTRAINEMENT DE COMPRESSEURS HYBRIDES POUR DE TELS SYSTEMES DE CLIMATISATION**
[72] KAWAHARA, TAKAYUKI, JP
[71] SANDEN CORPORATION, JP
[22] 2003-09-11
[41] 2004-03-19
[30] JP (2002-274024) 2002-09-19
[30] JP (2003-090596) 2003-03-28

[21] **2,440,554**
[13] A1

[51] **Int.Cl. 7E04C 5/16 7E04F 15/00**
[25] EN
[54] **PANELS WITH CONNECTING CLIP**
[54] **PANNEAUX A GRIFFES DE RACCORD**
[72] KNAUSEDER, FRANZ, AT
[71] M. KAINDL, AT
[22] 2003-09-11
[41] 2004-03-18
[30] DE (102 43 196.5) 2002-09-18

[21] **2,440,580**
[13] A1

[51] **Int.Cl. 7A01G 7/00 7A01G 29/00**
[25] EN
[54] **METHOD TO MODULATE PLANT GROWTH BY INJECTING A PLUG AT LIFT**
[54] **METHODE DE MODULATION DE LA CROISSANCE DES PLANTES PAR L'INJECTION D'UNE MOTTE AU LEVAGE**
[72] POIRIER, MARC, CA
[72] LUCYSHYN, TROY, CA
[72] KIISKILA, STEVEN, CA
[72] INGRAM, MARK, CA
[72] KRUSHELNISKI, KYLE, CA
[72] LEDUC, PHILIP, CA
[72] JACKSON, ANDREW, CA
[72] KITCHEN, JOHN, CA
[71] PACIFIC REGENERATION TECHNOLOGIES INC., CA
[22] 2003-09-12
[41] 2004-03-16
[30] US (10/244,902) 2002-09-16

[21] **2,440,585**
[13] A1

[51] **Int.Cl. 7C08F 236/06 7B60C 1/00 7C08J 5/00 7C08F 36/04 7C08F 2/06 7C08F 12/06 7C08L 9/06 7C08F 212/08 7C08J 3/24 7C08F 4/42**
[25] EN
[54] **HIGHLY BRANCHED DIENE POLYMERS**
[54] **POLYMERES DIENIQUES HAUTEMENT RAMIFIES**
[72] GRUEN, MICHAEL, DE
[72] MUECKE, SILVIA, DE
[72] WRANA, CLAUS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2003-09-12
[41] 2004-03-16
[30] DE (10242942.1) 2002-09-16

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,440,606**
[13] A1
[51] **Int.Cl. 7A01G 7/00 7A01G 29/00**
[25] EN
[54] **DRILL/INJECTOR COMBINATION FOR PLUG FERTILIZATION AT LIFT**
[54] **PERCEUSE-INJECTEUR POUR LA FERTILISATION DES MOTTES A L'ARRACHAGE**
[72] LUCYSHYN, TROY, CA
[72] LEDUC, PHILIP, CA
[72] JACKSON, ANDREW, CA
[72] POIRIER, MARC, CA
[72] BAY, TED, CA
[72] KRUSHELSKI, KYLE, CA
[72] KITCHEN, JOHN, CA
[72] INGRAM, MARK, CA
[72] RAUERT, ANDREW, CA
[72] PAULI, BRADLEY, CA
[71] PACIFIC REGENERATION TECHNOLOGIES INC., CA
[22] 2003-09-12
[41] 2004-03-16
[30] US (10/245,262) 2002-09-16

[21] **2,440,616**
[13] A1
[51] **Int.Cl. 7A45C 13/02**
[25] EN
[54] **SPORTS BAG INSERT**
[54] **INTERIEUR DE SAC DE SPORT**
[72] RODRIGUE, KATHLEEN, US
[72] BOULET, KATHY, US
[71] SPORTS P.A.L., INC., US
[22] 2003-09-12
[41] 2004-03-18
[30] US (60/411,662) 2002-09-18
[30] US (10/439,255) 2003-05-15

[21] **2,440,660**
[13] A1
[51] **Int.Cl. 7A61B 6/12**
[25] EN
[54] **HIGH-GRADIENT RECURSIVE LOCATING SYSTEM**
[54] **SYSTEME DE LOCALISATION RECURSIF A FORTE DECLIVITE**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE, INC., US
[22] 2003-09-12
[41] 2004-03-17
[30] US (10/245,614) 2002-09-17

[21] **2,440,695**
[13] A1
[51] **Int.Cl. 7E06B 9/56 7E06B 9/32 7E06B 9/42**
[25] EN
[54] **IMPROVEMENTS IN CONTROL UNITS**
[54] **AMELIORATIONS APORTEES AUX BLOCS DE COMMANDE**
[72] ALLSOPP, REGINALD CHARLES, GB
[71] LOUVER-LITE LIMITED, GB
[22] 2003-09-15
[41] 2004-03-18
[30] GB (0319396.8) 2003-08-19

[21] **2,440,751**
[13] A1
[51] **Int.Cl. 7B61F 5/14**
[25] EN
[54] **CONSTANT CONTACT SIDE BEARING**
[54] **PALIER LATERAL A CONTACT PERMANENT**
[72] SCHORR, RALPH H., US
[71] AMSTED INDUSTRIES INCORPORATED, US
[22] 2003-09-10
[41] 2004-03-18
[30] US (10/246,325) 2002-09-18

[21] **2,440,781**
[13] A1
[51] **Int.Cl. 7G01P 13/00 7H05B 1/02 7H05B 37/02 7G08B 13/181**
[25] EN
[54] **ULTRASONIC DISPLACEMENT SENSOR USING ENVELOPE DETECTION**
[54] **CAPTEUR DE MOUVEMENT AUX ULTRASONS FAISANT APPEL A LA DETECTION D'ENVELOPPE**
[72] BALDWIN, JOHN R., US
[72] FOX, MARTIN D., US
[71] HUBBELL INCORPORATED, US
[22] 2003-09-12
[41] 2004-03-16
[30] US (10/243,732) 2002-09-16

[21] **2,440,806**
[13] A1
[51] **Int.Cl. 7F17C 1/06 7C08J 5/24 7D06M 15/55**
[25] EN
[54] **COMPOSITE PRESSURE CONTAINER OR TUBULAR BODY AND COMPOSITE INTERMEDIATE**
[54] **CUVE DE PRESSION OU CORPS TUBULAIRE COMPOSITE ET INTERMEDIAIRE COMPOSITE**
[72] SANTOU, IETSUGU, JP
[71] MITSUBISHI RAYON CO., LTD., JP
[22] 2003-09-12
[41] 2004-03-17
[30] US (10/244,749) 2002-09-17

[21] **2,440,810**
[13] A1
[51] **Int.Cl. 7A01G 23/02 7F15B 13/06**
[25] EN
[54] **HYDRAULIC CIRCUITS FOR KNUCKLE BOOMS**
[54] **CIRCUITS HYDRAULIQUES POUR FLECHES ARTICULEES**
[72] KURELEK, JOHN, CA
[72] SOMERVILLE, GRANT J., CA
[71] TIGERCAT INDUSTRIES INC., CA
[22] 2003-09-12
[41] 2004-03-16
[30] US (60/410,831) 2002-09-16

[21] **2,440,811**
[13] A1
[51] **Int.Cl. 7A61B 5/103 7G01L 5/00**
[25] EN
[54] **PIVOTED TENSIO METER FOR MEASURING TENSION IN AN INTERVERTEBRAL DISC SPACE**
[54] **TENSIOMETRE TOURNANT POUR MESURER LA TENSION DANS UN ESPACE DISCAL INTERVERTEBRAL**
[72] GRINBERG, ALEXANDER, US
[71] DEPUY ACROMED, INC., US
[22] 2003-09-12
[41] 2004-03-20
[30] US (10/247,864) 2002-09-20

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,440,905**
[13] A1

[51] **Int.Cl. 7A47L 7/02 7A47L 11/00**
7A47L 9/02 7A47L 9/16
[25] EN
[54] **DUAL AGITATOR DRIVE SYSTEM**
WITH WORM GEAR
[54] **DISPOSITIF D'ENTRAINEMENT**
DE BROSE DE BATTAGE DOUBLE
AVEC VIS SANS FIN
[72] YACOBI, MICHAEL S., US
[71] MATSUSHITA ELECTRIC
CORPORATION OF AMERICA, US
[22] 2003-09-16
[41] 2004-03-20
[30] US (10/251,400) 2002-09-20

[21] **2,440,907**
[13] A1

[51] **Int.Cl. 7E21B 47/12 7E21B 47/00**
[25] EN
[54] **BOREHOLE SURVEYING**
DIAGRAPHIE DE PUIITS
[72] RUSSELL, MICHAEL K., GB
[72] RUSSELL, ANTHONY W., GB
[71] SMART STABILIZER SYSTEMS
LIMITED, GB
[22] 2003-09-16
[41] 2004-03-19
[30] GB (0221753.7) 2002-09-19

[21] **2,440,909**
[13] A1

[51] **Int.Cl. 7C08L 77/12 7C08J 5/00**
7C08L 67/02 7C08L 77/06 7C08K 3/18
7C08K 3/20 7C08K 3/26
[25] EN
[54] **POLYESTER-BASED RESIN**
COMPOSITION
[54] **COMPOSITION DE RESINE A**
BASE DE POLYESTER
[72] MORI, AKIRA, JP
[72] YAMAMOTO, KOJI, JP
[71] MITSUBISHI GAS CHEMICAL
COMPANY, INC., JP
[22] 2003-09-16
[41] 2004-03-17
[30] JP (2002-270382) 2002-09-17

[21] **2,440,914**
[13] A1

[51] **Int.Cl. 7A61K 35/14 7C12N 7/04**
7C12N 7/06 7A61L 2/08 7A61L 2/16
7A61K 38/36
[25] EN
[54] **PROCESS FOR STERILIZATION**
OF PROTEIN CONTAINING
BIOLOGICAL COMPOSITIONS
[54] **PROCEDE DE STERILISATION DE**
COMPOSITIONS BIOLOGIQUES
RENFERMANT DES PROTEINES
[72] GRANDGEORGE, MICHEL, DE
[72] NOWAK, THOMAS, DE
[72] LENGSELD, THOMAS, DE
[72] SCHAEFER, WOLFRAM, DE
[71] AVENTIS BEHRING GMBH, DE
[22] 2003-09-16
[41] 2004-03-19
[30] EP (02021305.4) 2002-09-19

[21] **2,440,916**
[13] A1

[51] **Int.Cl. 7B65G 1/10**
[25] EN
[54] **PUSH-BACK PALLET STORAGE**
SYSTEM
[54] **SYSTEME D'ENTREPOSAGE SUR**
PALETTES PAR REFOULEMENT
[72] VALLEE, JONATHAN, CA
[72] CHARBONNEAU, PIERRE, CA
[71] C.O.S.M.E. INC., CA
[22] 2003-09-17
[41] 2004-03-20
[30] US (60/415,266) 2002-09-20

[21] **2,440,917**
[13] A1

[51] **Int.Cl. 7C02F 1/461 7C02F 1/00**
[25] EN
[54] **ELECTROCHEMICAL**
TREATMENT OF AMMONIA IN
WASTE-WATER
[54] **TRAITEMENT**
ELECTROCHIMIQUE DE
L'AMMONIAQUE DANS LES EAUX
USEES
[72] SEED, LEONARD PAUL, CA
[72] SHELP, GENE SIDNEY, CA
[71] ENPAR TECHNOLOGIES INC., CA
[22] 2003-09-16
[41] 2004-03-16
[30] GB (0221439.3) 2002-09-16

[21] **2,440,919**
[13] A1

[51] **Int.Cl. 7A61B 5/103 7G01L 5/00**
[25] EN
[54] **SPREADER TENSIO METER FOR**
MEASURING TENSION IN AN
INTERVERTEBRAL DISC SPACE
[54] **TENSIO METER SEPARATEUR**
POUR MESURER LA TENSION DANS
UN ESPACE DISCAL
INTERVERTEBRAL
[72] GRINBERG, ALEXANDER, US
[71] DEPUY ACROMED, INC., US
[22] 2003-09-12
[41] 2004-03-20
[30] US (10/247,865) 2002-09-20

[21] **2,440,926**
[13] A1

[51] **Int.Cl. 7G10K 11/178**
[25] EN
[54] **NOISE CONTROL APPARATUS**
APPAREIL DE LUTTE ANTI-
BRUIT
[72] KAKUHARI, ISAO, JP
[72] MIZUNO, KO, JP
[72] TERA I, KENICHI, JP
[71] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[22] 2003-09-16
[41] 2004-03-20
[30] JP (2002-274538) 2002-09-20
[30] JP (2003-099066) 2003-04-02
[30] JP (2003-283742) 2003-07-31

[21] **2,440,929**
[13] A1

[51] **Int.Cl. 7E01C 23/18 7E01F 9/04**
[25] EN
[54] **TEMPORARY RAISED**
PAVEMENT MARKER (TRPM)
APPLICATOR MACHINE FOR
AUTOMATICALLY APPLYING
PAVEMENT MARKERS TO ROAD
SURFACES
[54] **MACHINE PERMETTANT**
D'APPLIQUER AUTOMATIQUEMENT
DES PLOTS REFLECHISSANTS
TEMPORAIRES SUR LA SURFACE DES
CHAUSSEES
[72] WILKENS, JEFFREY ARNOLD, US
[72] ANDERSON, BRAD, US
[72] KIRCKOF, JOHN, US
[72] CHRISTENSEN, MICHAEL, US
[72] ROGERS, JEFFREY, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-12
[41] 2004-03-20
[30] US (10/247,436) 2002-09-20

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,440,932**
[13] A1

[51] **Int.Cl. 7F16S 3/02**
[25] EN
[54] **MAT ASSEMBLY FOR HEAVY EQUIPMENT TRANSIT AND SUPPORT**
[54] **MATELAS SERVANT DE SUPPORT ET AU PASSAGE DE L'EQUIPEMENT LOURD**
[72] ROGERS, MELISSA B., US
[71] ROGERS, MELISSA B., US
[22] 2003-09-16
[41] 2004-03-16
[30] US (10/245,467) 2002-09-16

[21] **2,440,941**
[13] A1

[51] **Int.Cl. 7B25B 31/00**
[25] EN
[54] **MAGAZINE CLUTCH ASSEMBLY**
[54] **EMBRAYAGE DE CHARGEUR**
[72] POPOVICH, MICHAEL S., US
[72] CARINGELLA, ANTHONY R., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-16
[41] 2004-03-18
[30] US (10/246,203) 2002-09-18

[21] **2,440,945**
[13] A1

[51] **Int.Cl. 7A63F 13/10 7A63F 13/12 7G07F 17/32**
[25] EN
[54] **SYSTEM CONTROLLED PLAYER-RELATED BONUSES IN GAMING MACHINES**
[54] **PRIMES DE JEU COMMANDEES PAR UN SYSTEME DANS LES APPAREILS DE JEUX DE HASARD**
[72] PATCEG, MILES, US
[72] BOYD, SCOTT, US
[72] JORDAN, RICHARD JEFFREY, US
[71] ACRES GAMING INCORPORATED, US
[22] 2003-09-15
[41] 2004-03-16
[30] US (60/411,273) 2002-09-16

[21] **2,440,948**
[13] A1

[51] **Int.Cl. 7B60R 9/06**
[25] EN
[54] **ALL TERRAIN VEHICLE AND RACK THEREFOR**
[54] **VEHICULE TOUS TERRAINS ET PORTE-BAGAGES CONNEXE**
[72] MORIN, VINCENT, CA
[71] BOMBARDIER INC., CA
[22] 2003-09-17
[41] 2004-03-17
[30] US (60/411034) 2002-09-17

[21] **2,440,962**
[13] A1

[51] **Int.Cl. 7B30B 15/00**
[25] EN
[54] **WORKPIECE CARRIER APPARATUS FOR TRANSFER PRESS MACHINE**
[54] **TRANSPORTEUR DE PIECE POUR PRESSE DE TRANSFERT**
[72] OSADA, KOHJI, JP
[72] SUZUKI, MASARU, JP
[72] NARISHIMA, SHIGEKI, JP
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP
[22] 2003-09-15
[41] 2004-03-18
[30] JP (2002-271494) 2002-09-18

[21] **2,440,972**
[13] A1

[51] **Int.Cl. 7B60N 2/005 7B60N 2/24**
[25] EN
[54] **DEVICE AND SYSTEM FOR FILTERING VIBRATIONAL MOVEMENTS OF A PASSENGER SUPPORT, AND PASSENGER SUPPORT EQUIPPED WITH SUCH A SYSTEM**
[54] **DISPOSITIF ET SYSTEME POUR FILTRER LES MOUVEMENTS VIBRATOIRES D'UN SIEGE DE PASSAGER, ET SIEGE DE PASSAGER EQUIPE DE CE SYSTEME**
[72] CHAREYRE, PHILIPPE, FR
[71] AIRBUS FRANCE, FR
[22] 2003-09-15
[41] 2004-03-19
[30] FR (02 11610) 2002-09-19

[21] **2,440,995**
[13] A1

[51] **Int.Cl. 7F01D 5/30**
[25] FR
[54] **MAITRISE DE LA POSITION AXIALE D'UNE AUBE DE SOUFFLANTE**
[54] **CONTROL OF THE AXIAL POSITION OF A FAN BLADE**
[72] REGHEZZA, PATRICK, FR
[72] MADEC, ALAIN, FR
[72] EVEN, PHILIPPE, FR
[72] BONNY, JEAN-CLAUDE, FR
[72] BASSOT, ALAIN, FR
[72] LAMOTHE, PIERRE, FR
[71] SNECMA MOTEURS, FR
[22] 2003-09-15
[41] 2004-03-18
[30] FR (02 11539) 2002-09-18

[21] **2,440,996**
[13] A1

[51] **Int.Cl. 7E21B 7/04**
[25] EN
[54] **DOWNHOLE CLOSED LOOP CONTROL OF DRILLING TRAJECTORY**
[54] **COMMANDE EN CIRCUIT FERME DE TRAJECTOIRE DE FORAGE D'OUTIL DE FOND**
[72] PIROVOLOU, DIMITRIOS K., US
[72] DOWNTON, GEOFF, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2003-09-15
[41] 2004-03-16
[30] US (10/065,080) 2002-09-16

[21] **2,440,997**
[13] A1

[51] **Int.Cl. 7H04L 9/32 7E05B 47/00 7E05B 49/00 7H04L 9/28**
[25] EN
[54] **VEHICLE IMMOBILISER/ALARM**
[54] **IMMOBILISATEUR/ALARME DE VEHICULE**
[72] METLITZKY, IVOR, AU
[72] FRIZELL, RICHARD THOMAS, AU
[71] DYNAMCO PTY LTD., AU
[22] 2003-09-15
[41] 2004-03-16
[30] AU (2002951402) 2002-09-16
[30] AU (2002951399) 2002-09-16

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,441,000**
[13] A1

[51] **Int.Cl. 7B62D 1/185**
[25] EN
[54] **POSITIONING DEVICE FOR A TELESCOPING STEERING COLUMN**
[54] **DISPOSITIF DE POSITIONNEMENT DE COLONNE DE DIRECTION TELESCOPIQUE**
[72] FEIERTAG, ALAN DALE, US
[71] MACK TRUCKS, INC., US
[22] 2003-09-15
[41] 2004-03-16
[30] US (60/410,801) 2002-09-16
[30] US (UNKNOWN) 2003-09-03

[21] **2,441,020**
[13] A1

[51] **Int.Cl. 7H02K 7/02 7H02K 5/24**
[25] FR
[54] **PERFECTIONNEMENTS AUX MOTEURS HAUTES PUISSANCES**
[54] **IMPROVEMENTS TO HIGH-POWERED ENGINES**
[72] WOYDT, MATHIAS, DE
[72] HODAR, FRANCOIS, FR
[72] AUDREN, JEAN THIERRY, FR
[71] SAGEM SA, FR
[22] 2003-09-17
[41] 2004-03-20
[30] FR (02/11635) 2002-09-20

[21] **2,441,024**
[13] A1

[51] **Int.Cl. 7F16B 13/06**
[25] EN
[54] **FASTENER FOR ATTACHING PANELS TO A VEHICLE**
[54] **ATTACHES POUR FIXER DES PANNEAUX A UN VEHICULE**
[72] KUNTZE, CHRISTOPHER J., US
[71] DECOMA INTERNATIONAL INC., CA
[22] 2003-09-15
[41] 2004-03-16
[30] US (60/411,238) 2002-09-16

[21] **2,441,036**
[13] A1

[51] **Int.Cl. 7F28F 13/06**
[25] FR
[54] **PROCEDE DE MISE EN PRECONTRAINTE DE TUBES D'UN ECHANGEUR DE CHALEUR AVEC UN REGLAGE PRECIS DE LA PRECONTRAINTE**
[54] **PROCESS FOR PRELOADING HEAT EXCHANGER TUBES WITH A PRECISE PRELOAD SETTING**
[72] PORET, PATRICK, FR
[72] DUNAND-ROUX, LEON, FR
[71] FRAMATOME ANP, FR
[22] 2003-09-12
[41] 2004-03-17
[30] FR (02 11487) 2002-09-17

[21] **2,441,044**
[13] A1

[51] **Int.Cl. 7G03F 7/00 7B60K 35/00 7G12B 11/02 7G03F 7/16 7G03F 7/20 7G03F 7/26**
[25] EN
[54] **AUTOMOBILE GAUGE FACES MADE OF STAINLESS STEEL AND OTHER METALS**
[54] **CADRANS DE JAUGES D'AUTOMOBILE EN ACIER INOXYDABLE ET AUTRES METAUX**
[72] HOWTON, JAMIE, US
[71] US SPEEDO INC., US
[22] 2003-09-16
[41] 2004-03-17
[30] US (60/411,222) 2002-09-17

[21] **2,441,046**
[13] A1

[51] **Int.Cl. 7B63H 20/00**
[25] EN
[54] **OUTBOARD MOTOR**
[54] **HORS-BORD**
[72] KATOU, HIRONORI, JP
[72] YAMASHITA, KOUSEI, JP
[72] KIMATA, RYUICHI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2003-09-15
[41] 2004-03-19
[30] JP (2002-273306) 2002-09-19
[30] JP (2002-273307) 2002-09-19
[30] JP (2002-368070) 2002-12-19

[21] **2,441,049**
[13] A1

[51] **Int.Cl. 7B60K 15/04**
[25] EN
[54] **FILLER TUBE MOUNTED FUEL TANK REFUELING VALVE**
[54] **ROBINET D'AVITAILLEMENT DE RESERVOIR MONTE SUR LE TUBE DE REMPLISSAGE**
[72] BENJEY, ROBERT P., US
[71] EATON CORPORATION, US
[22] 2003-09-16
[41] 2004-03-17
[30] US (10/245,217) 2002-09-17

[21] **2,441,051**
[13] A1

[51] **Int.Cl. 7F24H 9/00 7F24H 9/20**
[25] EN
[54] **HEAT TRAP WITH NON-ROTATING SEALING MEMBER**
[54] **PIEGE A CHALEUR AVEC JOINT D'ETANCHEITE NON TOURNANT**
[72] KNAUS, JASON, US
[71] PERFECTION CORPORATION, US
[22] 2003-09-16
[41] 2004-03-19
[30] US (60/411,912) 2002-09-19
[30] US (10/644,201) 2003-08-20

[21] **2,441,056**
[13] A1

[51] **Int.Cl. 7A23L 3/26 7A23L 3/28**
[25] EN
[54] **FOOD SURFACE SANITATION HOOD**
[54] **CLOCHE D'ASSAINISSEMENT DE LA SURFACE DES ALIMENTS**
[72] PEARSALL, CHARLES W., US
[72] FINK, RONALD G., US
[72] ELLIS, WALTER B., US
[71] RGF ENVIRONMENTAL GROUP, INC., US
[22] 2003-09-16
[41] 2004-03-19
[30] US (10/065,131) 2002-09-19

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] 2,441,062
[13] A1

[51] **Int.Cl. 7F16L 5/02**
[25] EN
[54] **A SEALABLE LEAD-THROUGH SYSTEM**
[54] **SYSTEME DE TRAVERSEE SCCELLABLE**
[72] KOEGER, SAMUEL, IL
[72] FUCHS, ALBRECHT, IL
[72] SCHNEIDER, JONATHAN, IL
[71] BETH-EL ZIKHRON-YA'AQOV INDUSTRIES LTD., IL
[22] 2003-09-15
[41] 2004-03-15
[30] IL (151,771) 2002-09-15

[21] 2,441,066
[13] A1

[51] **Int.Cl. 7C09J 153/02 7B32B 31/00 7C09J 147/00 7C09J 123/04 7C08L 23/04 7B32B 27/32 7B32B 27/34 7B32B 27/36**
[25] FR
[54] **LIANT DE COEXTRUSION A BASE DE POLYETHYLENE METALLOCENE ET LLDPE COGREFFES, DE SBS ET DE PE**
[54] **COEXTRUSION BINDER MADE FROM METALLOCENE POLYETHYLENE AND LINEAR LOW DENSITY POLYETHYLENE (LLDPE), FROM SBS AND PE**
[72] ROBERT, PATRICE, FR
[72] PRADEL, JEAN-LAURENT, FR
[72] PASCAL, JEROME, FR
[71] ATOFINA, FR
[22] 2003-09-12
[41] 2004-03-16
[30] FR (02.11438) 2002-09-16

[21] 2,441,067
[13] A1

[51] **Int.Cl. 7F02D 9/00**
[25] EN
[54] **ASPIRATING DEVICE**
[54] **DISPOSITIF ASPIRANT**
[72] GERHARDY, REINHARD, DE
[72] GEYER, KLAUS, DE
[71] ANDREAS STIHL AG & CO. KG., DE
[22] 2003-09-15
[41] 2004-03-18
[30] DE (102 43 166.3) 2002-09-18
[30] DE (103 26 488.4) 2003-06-10

[21] 2,441,138
[13] A1

[51] **Int.Cl. 7E21B 23/00**
[25] EN
[54] **REMOVAL OF TUBULARS FROM WELLS**
[54] **ENLEVEMENT DES TUBULAIRES DE PUIT**
[72] HAILEY, CHARLES D., US
[71] HAILEY, CHARLES D., US
[22] 2003-09-17
[41] 2004-03-19
[30] US (10/246,965) 2002-09-19

[21] 2,441,140
[13] A1

[51] **Int.Cl. 7B26B 19/10**
[25] EN
[54] **AN ELECTRIC SHAVER**
[54] **RASOIR ELECTRIQUE**
[72] UCHIYAMA, HIROMI, JP
[72] IZUMI, YUKIO, JP
[72] HIRABAYASHI, AKIRA, JP
[72] IWASHITA, SEIJI, JP
[72] KOBAYASHI, HIROSHI, JP
[72] AKABANE, TETSUYA, JP
[71] IZUMI PRODUCTS COMPANY, JP
[22] 2003-09-16
[41] 2004-03-19
[30] JP (2002-272743) 2002-09-19

[21] 2,441,145
[13] A1

[51] **Int.Cl. 7B25B 31/00**
[25] EN
[54] **LOCK-OUT MECHANISM FOR POWDER ACTUATED TOOL**
[54] **MECANISME DE VERROUILLAGE POUR FIXATEUR A CARTOUCHES**
[72] CARINGELLA, ANTHONY R., US
[72] POPOVICH, MICHAEL S., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-16
[41] 2004-03-18
[30] US (10/245,942) 2002-09-18

[21] 2,441,149
[13] A1

[51] **Int.Cl. 7B25B 31/00**
[25] EN
[54] **MAGAZINE ASSEMBLY WITH STABILIZING MEMBERS**
[54] **CHARGEUR A ELEMENTS DE STABILISATION**
[72] POPOVICH, MICHAEL S., US
[72] CARINGELLA, ANTHONY R., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-16
[41] 2004-03-18
[30] US (10/246,186) 2002-09-18

[21] 2,441,171
[13] A1

[51] **Int.Cl. 7B25B 31/00 7F16B 27/00 7B25C 1/00**
[25] EN
[54] **CARTRIDGE STRIP ADVANCING MECHANISM FOR FASTENER DRIVING TOOL**
[54] **MECANISME D'AVANCEMENT DE BANDE DE CARTOUCHES POUR FIXATEUR D'ATTACHES**
[72] POPOVICH, MICHAEL S., US
[72] YATES, EDWARD D., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-17
[41] 2004-03-18
[30] US (10/246,261) 2002-09-18

[21] 2,441,175
[13] A1

[51] **Int.Cl. 7C05F 15/00 7C05G 3/00**
[25] EN
[54] **FERTILIZER BASED ON ELEMENTAL SULFUR**
[54] **ENGRAIS A BASE DE SOUFRE ELEMENTAIRE**
[72] AMBRI, FRANCO, IT
[71] MACCHIONI, GIUSEPPE, DO
[71] AMBRI, FRANCO, IT
[22] 2003-09-17
[41] 2004-03-17
[30] IT (MO2002A000251) 2002-09-17

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,441,183**
[13] A1

[51] **Int.Cl. 7B23Q 3/00 7B25B 11/02**
[25] EN
[54] **JIG ASSEMBLY**
[54] **GABARIT**
[72] ALLEMANN, MARKUS, US
[72] KOPRAS, ROBERT K., US
[72] UZUMCU, AL, US
[72] ADLER, SCOTT, US
[71] CREDO TECHNOLOGY CORPORATION, US
[22] 2003-09-16
[41] 2004-03-16
[30] US (60/411,129) 2002-09-16

[21] **2,441,185**
[13] A1

[51] **Int.Cl. 7C08F 16/02 7C08F 16/12 7C08F 4/54**
[25] EN
[54] **DOUBLE METAL CYANIDE CATALYSTS WHICH CAN BE USED TO PREPARE POLYOLS AND THE PROCESSES RELATED THERETO**
[54] **CATALYSEURS A DEUX CYANURES METALLIQUES POUVANT SERVIR A LA PREPARATION DE POLYOLS ET PROCEDE A CET EFFET**
[72] WANG, WEI, US
[72] LE-KHAC, BI, US
[71] BAYER ANTWERPEN N.V., BE
[71] BAYER POLYMERS LLC, US
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/251,155) 2002-09-20

[21] **2,441,198**
[13] A1

[51] **Int.Cl. 7B01J 38/10 7C10G 5/00 7C10G 70/00 7B01J 38/02**
[25] EN
[54] **METHOD AND APPARATUS FOR THE REGENERATION OF HYDROCARBON SYNTHESIS CATALYSTS**
[54] **METHODE ET APPAREIL POUR LA REGENERATION DE CATALYSEURS DE SYNTHESE D'HYDROCARBURES**
[72] CNOSSEN, JACK E., US
[72] ESPINOZA, RAFAEL L., US
[72] MOHEDAS, SERGIO R., US
[72] RAJE, AJOY P., US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/251,139) 2002-09-20

[21] **2,441,215**
[13] A1

[51] **Int.Cl. 7B01J 38/56 7C10G 5/00 7B01J 38/02**
[25] EN
[54] **FISCHER-TROPSCH CATALYST REGENERATION**
[54] **REGENERATION DE CATALYSEURS POUR REACTION DE FISCHER-TROPSCH**
[72] RAJE, AJOY P., US
[72] MOHEDAS, SERGIO R., US
[72] LANDIS, STEPHEN R., US
[72] BELT, BARBARA A., US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/251,928) 2002-09-20

[21] **2,441,240**
[13] A1

[51] **Int.Cl. 7E21B 17/08 7E21B 43/08**
[25] EN
[54] **TUBING CONNECTION ARRANGEMENT**
[54] **MECANISME DE BRANCHEMENT DE TUYAU**
[72] EVANS, JASON DAVID, GB
[72] GEDDES, MARTIN WILLIAM, GB
[72] RUDD, WAYNE, GB
[72] MCHARDY, COLIN, GB
[71] WEATHERFORD/LAMB, INC., US
[22] 2003-09-16
[41] 2004-03-17
[30] GB (0221585.3) 2002-09-17

[21] **2,441,245**
[13] A1

[51] **Int.Cl. 7F02M 1/16**
[25] EN
[54] **AUTOMATIC PRIMING SYSTEM**
[54] **SYSTEME D'AMORCAGE AUTOMATIQUE**
[72] CARPENTER, TODD L., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 2003-09-17
[41] 2004-03-19
[30] US (60/412,154) 2002-09-19
[30] US (UNKNOWN) 2003-09-09

[21] **2,441,249**
[13] A1

[51] **Int.Cl. 7B60K 15/00 7G05D 7/06**
[25] EN
[54] **CIRCUITRY CONFIGURATION FOR A REGENERATION VALVE FOR FUEL TANK VENTILATION IN A MOTOR VEHICLE**
[54] **CONFIGURATION DE CIRCUIT DU ROBINET DE REGENERATION POUR LA VENTILATION DES RESERVOIRS DE CARBURANT DES VEHICULES AUTOMOBILES**
[72] GERLICH, TORSTEN, DE
[72] KLATT, CHRISTOPHER, DE
[72] HEINRICH, RALF, DE
[72] KLESEN, CHRISTOF, DE
[71] CARL FREUDENBERG KG, DE
[22] 2003-09-17
[41] 2004-03-20
[30] DE (102 43 956.7-13) 2002-09-20

[21] **2,441,251**
[13] A1

[51] **Int.Cl. 7A01D 75/20 7A01D 41/12**
[25] EN
[54] **SAFETY ARRANGEMENT OF A HARVESTING MACHINE**
[54] **DISPOSITIF DE SECURITE DE MACHINE DE RECOLTE**
[72] KEMPF, BERND, DE
[71] DEERE & COMPANY, US
[22] 2003-09-17
[41] 2004-03-19
[30] DE (102 43 527.8) 2002-09-19

[21] **2,441,296**
[13] A1

[51] **Int.Cl. 7B65D 71/52 7B65D 25/28**
[25] EN
[54] **CONTAINER PACKAGE WITH CARRIER AND SURROUNDING SLEEVE**
[54] **PORTE-CONTENANTS AVEC MANCHON ENVELOPPANT**
[72] WEAVER, WILLIAM N., US
[72] OLSEN, ROBERT C., US
[72] MARCO, LESLIE S., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/251,312) 2002-09-20

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,441,305**
[13] A1
[51] **Int.Cl. 7H04L 12/66 7H04H 1/00**
7H04L 12/12 7H04L 9/32 7H04Q 7/36
[25] EN
[54] **INTERACTIVE DATA**
BROADCASTING SYSTEM
[54] **SYSTEME DE DIFFUSION DE**
DONNEES INTERACTIF
[72] DOLGONOS, ALEX, CA
[71] DOLGONOS, ALEX, CA
[71] UNIQUE BROADBAND SYSTEMS,
INC., CA
[22] 2003-09-17
[41] 2004-03-17
[30] US (60/411,095) 2002-09-17

[21] **2,441,336**
[13] A1
[51] **Int.Cl. 7E01H 5/02**
[25] EN
[54] **SNOW RAKE**
[54] **RATEAU A NEIGE**
[72] HUBERT, JACK, US
[72] MAIRE, PAUL, US
[72] PETERSON, FRANCIS, US
[71] HUBERT, JACK, US
[71] MAIRE, PAUL, US
[71] PETERSON, FRANCIS, US
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/247873) 2002-09-20

[21] **2,441,338**
[13] A1
[51] **Int.Cl. 7A47J 42/14**
[25] EN
[54] **MANUAL GRINDER FOR**
PEPPERCORNS, SALT CRYSTALS AND
OTHER GRINDABLE PRODUCTS
[54] **MOULIN MANUEL POUR GRAINS**
DE POIVRE, CRISTAUX DE SEL ET
AUTRES PRODUITS BROYABLES
[72] ARDUINI, GIOVANNI, IT
[71] CLICK CLACK LIMITED, NZ
[22] 2003-09-17
[41] 2004-03-18
[30] IT (MI2002A 001984) 2002-09-18

[21] **2,441,349**
[13] A1
[51] **Int.Cl. 7E01F 9/014 7E01F 9/00**
7E01F 9/087
[25] EN
[54] **MACHINE FOR**
AUTOMATICALLY REMOVING
TEMPORARY RAISED PAVEMENT
MARKERS (TRPMS) FROM ROADWAY
SURFACES
[54] **MACHINE PERMETTANT**
D'ENLEVER AUTOMATIQUEMENT
LES PLOTS REFLECHISSANTS
TEMPORAIRES A LA SURFACE DES
CHAUSSÉES
[72] ROGERS, JEFFREY, US
[72] WILKENS, JEFFREY ARNOLD, US
[72] CHRISTENSEN, MICHAEL, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/247,432) 2002-09-20

[21] **2,441,358**
[13] A1
[51] **Int.Cl. 7B60R 27/00 7B62D 33/023**
7B62D 63/04 7B65G 69/28 7B60P 1/43
[25] EN
[54] **VEHICLE RAMP AND HITCH TIE-**
DOWN STRUCTURE
[54] **RAMPE DE VEHICULE ET**
STRUCTURE D'ATTACHE
D'ATTELAGE
[72] LAFERTE, NICOLE, CA
[72] TREMBLAY, DANIEL, CA
[71] LAFERTE, NICOLE, CA
[71] TREMBLAY, DANIEL, CA
[22] 2003-09-17
[41] 2004-03-19
[30] CA (2,404,179) 2002-09-19
[30] CA (2,417,046) 2003-01-22

[21] **2,441,362**
[13] A1
[51] **Int.Cl. 7F01M 11/02 7F01M 5/00**
[25] EN
[54] **LUBRICATING SYSTEM FOR**
INTERNAL COMBUSTION ENGINE
[54] **CIRCUIT DE LUBRIFICATION**
POUR MOTEUR A COMBUSTION
INTERNE
[72] OIKE, KEN, JP
[72] KOYAMA, SHINYA, JP
[72] ITO, KATSUHIKO, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2003-09-17
[41] 2004-03-18
[30] JP (2002-272340) 2002-09-18
[30] JP (2003-295174) 2003-08-19

[21] **2,441,364**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7B61L 25/00**
7G06F 17/30 7G06F 17/40
[25] EN
[54] **VARIABLE EXCEPTION**
REPORTING
[54] **COMPTE RENDU D'EXCEPTION**
VARIABLE
[72] HAWTHORNE, MICHAEL J., US
[71] NEW YORK AIR BRAKE
CORPORATION, US
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/247,370) 2002-09-20

[21] **2,441,379**
[13] A1
[51] **Int.Cl. 7H01M 8/04 7H01M 8/10**
[25] EN
[54] **FLOW FIELDS WITH**
CAPILLARITY FOR SOLID POLYMER
ELECTROLYTE FUEL CELLS
[54] **CHAMPS DE PROPAGATION A**
CAPILLARITE POUR PILES A
COMBUSTIBLES A ELECTROLYTE
POLYMERE SOLIDE
[72] KNIGHTS, SHANNA D., CA
[72] LEW, ANDREW, CA
[72] WILKINSON, DAVID PENTREATH,
CA
[72] VANDERLEEDEN, OLEN, CA
[72] ATBI, ABDERRAHMANE, CA
[71] BALLARD POWER SYSTEMS INC.,
CA
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/251,613) 2002-09-20

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,441,433**
[13] A1

[51] **Int.Cl. 7E01C 23/08**
[25] EN
[54] **MACHINE FOR AUTOMATICALLY REMOVING THE PROTECTIVE COVERINGS FROM TEMPORARY RAISED PAVEMENT MARKERS (TRPMS)**
[54] **MACHINE PERMETTANT D'ENLEVER AUTOMATIQUEMENT LE REVETEMENT PROTECTEUR DES PLOTS REFLECHISSANTS TEMPORAIRES**
[72] GLAWE, JOHN, US
[72] ORTHAUS, CHAD, US
[72] WILKENS, JEFFREY ARNOLD, US
[72] CHRISTENSEN, MICHAEL, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-17
[41] 2004-03-20
[30] US (10/247,438) 2002-09-20

[21] **2,441,448**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/20 7G06F 17/28**
[25] EN
[54] **METHOD AND SYSTEM FOR RETRIEVING CONFIRMING SENTENCES**
[54] **METHODE ET SYSTEME D'EXTRACTION DE PHRASES DE CONFIRMATION**
[72] ZHANG, YUE, CN
[72] GAO, JIANFENG, CN
[72] ZHOU, MING, CN
[72] WU, HUA, CN
[72] HUANG, CHANG-NING, CN
[71] MICROSOFT CORPORATION, US
[22] 2003-09-18
[41] 2004-03-19
[30] US (10/247,596) 2002-09-19

[21] **2,441,452**
[13] A1

[51] **Int.Cl. 7E01F 9/014**
[25] EN
[54] **TRAFFIC CONE SETTING DEVICES FOR DEPOSITING TRAFFIC CONES ONTO ROADWAY SURFACES**
[54] **APPAREILS PERMETTANT DE DEPOSER DES BALISES ROUTIERES SUR LES CHAUSSEES**
[72] ANDERSON, MERWIN, US
[72] ANDERSON, BRAD, US
[72] WILKENS, JEFFREY ARNOLD, US
[72] ENGLAND, BERTRUM, US
[72] ZIMMERMAN, JAMIE, US
[72] ORTHAUS, CHAD, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-18
[41] 2004-03-20
[30] US (10/247,834) 2002-09-20

[21] **2,441,453**
[13] A1

[51] **Int.Cl. 7A63B 53/04**
[25] EN
[54] **METHODS AND APPARATUS FOR A PUTTER CLUB HEAD WITH HIGH-DENSITY INSERTS**
[54] **METHODE ET APPAREIL DE MONTAGE DE PIECES RAPPORTEES HAUTE DENSITE SUR LA TETE DE FERS DROITS**
[72] COLE, ERIC V., US
[72] SCHWEIGERT, BRADLEY D., US
[72] SOLHEIM, JOHN A., US
[71] KARSTEN MANUFACTURING CORPORATION, US
[22] 2003-09-18
[41] 2004-03-20
[30] US (10/251,279) 2002-09-20

[21] **2,441,456**
[13] A1

[51] **Int.Cl. 7B22F 3/12 7B22F 5/00**
[25] EN
[54] **METHOD OF MANUFACTURING A CUTTING ELEMENT FROM A PARTIALLY DENSIFIED SUBSTRATE**
[54] **METHODE DE FABRICATION D'UN ELEMENT DE COUPE A PARTIR D'UN SUBSTRAT PARTIELLEMENT DENSIFIE**
[72] KESHAVAN, MADAPUSI K., US
[72] BELNAP, J. DANIEL, US
[72] SLUTZ, DAVE, US
[71] SMITH INTERNATIONAL, INC., US
[22] 2003-09-18
[41] 2004-03-18
[30] US (60/411,942) 2002-09-18

[21] **2,441,457**
[13] A1

[51] **Int.Cl. 7E01C 23/08**
[25] EN
[54] **TRAFFIC CONE RETRIEVING DEVICE FOR REMOVING TRAFFIC CONES FROM ROADWAY SURFACES**
[54] **APPAREIL PERMETTANT DE RECUPERER DES BALISES ROUTIERES DES CHAUSSEES**
[72] ORTHAUS, CHAD, US
[72] ZIMMERMAN, JAMIE, US
[72] HAMMOND, GEORGE, US
[72] ENGLAND, BERTRUM, US
[72] WILKENS, JEFFREY ARNOLD, US
[72] ANDERSON, MERWIN, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-09-18
[41] 2004-03-20
[30] US (10/247,579) 2002-09-20

[21] **2,441,462**
[13] A1

[51] **Int.Cl. 7C12N 15/56 7C07H 21/00 7C12N 1/19 7C12N 1/21 7C12N 9/24 7C12N 15/63**
[25] EN
[54] **NOVEL RECOMBINANT XYLANASES DERIVED FROM ANAEROBIC FUNGI, AND THE RELEVANT SEQUENCES, EXPRESSION VECTORS AND HOSTS**
[54] **NOUVELLES XYLANASES RECOMBINANTES DERIVEES DE CHAMPIGNONS ANAEROBIES, ET SEQUENCES, VECTEURS D'EXPRESSION ET HOTES PERTINENTS**
[72] HUANG, YA-HUI, XX
[72] HSEU, RUEY-SHYANG, XX
[71] GENEWAY BIOTECHNOLOGY CORPORATION, XX
[71] YEEDER BIOTECHNOLOGY CORPORATION, XX
[22] 2003-09-16
[41] 2004-03-17
[30] US (10/244,596) 2002-09-17

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,441,469**
[13] A1
[51] **Int.Cl. 7A61K 48/00 7C12Q 1/02**
7A61K 45/06 7A61K 31/195 7A61P 25/28
7A61K 39/395 7A61K 31/66 7A61K 31/
7088
[25] EN
[54] **METHODS AND COMPOSITIONS**
FOR TREATING ALZHEIMER'S
DISEASE
[54] **METHODES ET COMPOSITIONS**
POUR LE TRAITEMENT DE LA
MALADIE D'ALZHEIMER
[72] FITZGERALD, MICHAEL, US
[72] DENG, AMY, US
[72] REBECK, G. WILLIAM, US
[72] IRIZARRY, MICHAEL C., US
[72] FUKUMOTO, HIROAKI, US
[71] THE GENERAL HOSPITAL
CORPORATION, US
[22] 2003-09-17
[41] 2004-03-18
[30] US (60/411,706) 2002-09-18

[21] **2,441,483**
[13] A1
[51] **Int.Cl. 7G02B 25/02**
[25] EN
[54] **HANDS FREE MAGNIFICATION**
EYEWEAR
[54] **LUNETTERIE**
D'AGRANDISSEMENT MAINS LIBRES
[72] KINSMAN, WILLIAM E., US
[72] O'BRIEN, ROBERT E., US
[72] O'BRIEN, DAVID J., US
[71] KINSMAN, WILLIAM E., US
[71] O'BRIEN, ROBERT E., US
[71] O'BRIEN, DAVID J., US
[22] 2003-09-18
[41] 2004-03-19
[30] US (60/411,895) 2002-09-19

[21] **2,441,509**
[13] A1
[51] **Int.Cl. 7B60N 2/46**
[25] EN
[54] **ARMREST ADJUSTMENT**
MECHANISM AND METHOD OF
ASSEMBLING SAME
[54] **MECANISME DE REGLAGE**
D'ACCOUDOIR ET METHODE
D'INSTALLATION
[72] DANIEL, PATRICK, US
[72] SMUK, WOJCIECH, US
[72] NAE, DAN DUMITRU, US
[71] FAURECIA AUTOMOTIVE SEATING
CANADA LIMITED, CA
[22] 2003-09-18
[41] 2004-03-20
[30] US (60/412,166) 2002-09-20

[21] **2,441,522**
[13] A1
[51] **Int.Cl. 7F16G 13/18**
[25] EN
[54] **SEALED CHAIN LINK ASSEMBLY**
[54] **MAILLON DE CHAINE FERME**
[72] SCHUMACHER, JEFFREY A., US
[72] HANSEN, KEVIN S., US
[71] REXNORD INDUSTRIES, INC., US
[22] 2003-09-18
[41] 2004-03-20
[30] US (60/412,593) 2002-09-20

[21] **2,441,528**
[13] A1
[51] **Int.Cl. 7F16B 1/00**
[25] EN
[54] **TOLERANT MOUNTING**
APPARATUS
[54] **DISPOSITIF DE MONTAGE**
STABLE
[72] VOGT, WILLIAM R., US
[71] VOGT, WILLIAM R., US
[22] 2003-09-18
[41] 2004-03-20
[30] US (10/251,933) 2002-09-20

[21] **2,441,627**
[13] A1
[51] **Int.Cl. 7A23K 1/00 7A23K 1/16**
7A23K 1/175
[25] EN
[54] **ANIMAL FEED IN GRANULAR**
FORM AND PROCESS OF PREPARING
SAME
[54] **ALIMENT POUR ANIMAUX SOUS**
FORME GRANULAIRE ET PROCESSUS
DE PREPARATION CONNEXE
[72] PELLETIER, MARCELIN, CA
[72] BELANGER, GUY, CA
[71] ALIMENTS BRETON INC., CA
[22] 2003-09-16
[41] 2004-03-18
[30] US (10/245,726) 2002-09-18

[21] **2,441,660**
[13] A1
[51] **Int.Cl. 7F04B 47/00**
[25] EN
[54] **DOWNHOLE PUMPING SYSTEM**
[54] **SYSTEME DE POMPAGE DE FOND**
[72] GUIDRY, MICHAEL J., JR., US
[72] MURRAY, WILLIAM D., US
[71] ROBBINS & MYERS ENERGY
SYSTEMS L.P., US
[22] 2003-09-19
[41] 2004-03-19
[30] US (10/246,981) 2002-09-19

[21] **2,441,686**
[13] A1
[51] **Int.Cl. 7F02D 41/38**
[25] EN
[54] **METHOD FOR CONTROLLING**
COMBUSTION IN AN INTERNAL
COMBUSTION ENGINE AND
PREDICTING PERFORMANCE AND
EMISSIONS
[54] **METHODE DE CONTROLE DE LA**
COMBUSTION D'UN MOTEUR A
COMBUSTION INTERNE ET DE
PREVISION DU RENDEMENT ET DES
EMISSIONS DE GAZ
D'ECHAPPEMENT
[72] ZHANG, DEHONG, CA
[72] HILL, PHILIP G., CA
[72] LI, GUOWEI, CA
[72] DUNN, MARK E., CA
[71] WESTPORT RESEARCH INC., CA
[22] 2003-09-23
[41] 2004-03-18

[21] **2,441,714**
[13] A1
[51] **Int.Cl. 7F02M 21/02 7F02M 25/06**
[25] EN
[54] **HYDROGEN FUELED SPARK**
IGNITION ENGINE
[54] **MOTEUR A HYDROGENE A**
ALLUMAGE PAR ETINCELLE
[72] TANG, XIAOGUO, US
[72] NATKIN, ROBERT JAY, US
[72] THEIS, JOSEPH, US
[72] SIAMAK, HASHEMI, US
[72] STOCKHAUSEN, WILLIAM F., US
[71] FORD GLOBAL TECHNOLOGIES,
LLC, US
[22] 2003-09-19
[41] 2004-03-20
[30] US (10/065,143) 2002-09-20

[21] **2,441,737**
[13] A1
[51] **Int.Cl. 7E04B 5/10 7E04C 3/08 7E04B**
1/24
[25] EN
[54] **COMPOSITE FLOOR SYSTEM**
[54] **PLANCHER COMPOSITE**
[72] MOREAU, SERGE, CA
[71] LE GROUPE CANAM MANAC INC.,
CA
[22] 2003-09-19
[41] 2004-03-20
[30] CA (2,404,535) 2002-09-20

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,441,738**
[13] A1

[51] **Int.Cl. 7E21B 23/01**
[25] EN
[54] **METHOD OF HYDRAULICALLY ACTUATING AND MECHANICALLY ACTIVATING A DOWNHOLE MECHANICAL APPARATUS**
[54] **METHODE DE COMMANDE HYDRAULIQUE ET MECANIQUE D'APPAREIL MECANIQUE DE FOND**
[72] VUYK, ADRIAN JR., US
[72] ROESNER, THOMAS G., US
[72] MCINTIRE, SCOTT W., US
[72] BAILEY, THOMAS F., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2003-09-19
[41] 2004-03-20
[30] US (10/251,635) 2002-09-20

[21] **2,441,747**
[13] A1

[51] **Int.Cl. 7B65D 5/72 7B65D 5/4805 7B65D 25/52**
[25] EN
[54] **PRODUCT DISTRIBUTION ASSEMBLY**
[54] **ENSEMBLE DE DISTRIBUTION DE PRODUITS**
[72] MYERS, BRIAN, US
[71] CABOT SAFETY INTERMEDIATE CORPORATION, US
[22] 2003-09-19
[41] 2004-03-19
[30] US (10/247,228) 2002-09-19

[21] **2,441,749**
[13] A1

[51] **Int.Cl. 7E04C 2/10 7E04C 2/284**
[25] EN
[54] **HOLLOW PANEL**
[54] **PANNEAU A AME CREUSE**
[72] KOBAYASHI, TETSU, JP
[72] TANASE, RENTO, JP
[71] YAMAHA CORPORATION, JP
[22] 2003-09-19
[41] 2004-03-20
[30] JP (2002-274727) 2002-09-20

[21] **2,441,895**
[13] A1

[51] **Int.Cl. 7G01M 17/00 7G06F 19/00 7G06F 13/38**
[25] EN
[54] **REMOTE DIAGNOSTICS DEVICE (RDU)**
[54] **DISPOSITIF DE TELEDIAGNOSTIC**
[72] HATIPOGLU, CEM, US
[72] AMATO, WILLIAM P., US
[72] MILLER, JULIE A., US
[72] WHITE, JEFFREY A., US
[72] PORTER, JAMES P., US
[72] MACNAMARA, JOSEPH M., US
[72] HOLLER, GUSZTAV, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[22] 2003-09-19
[41] 2004-03-20
[30] US (10/605,239) 2003-09-17
[30] US (60/412,595) 2002-09-20

[21] **2,442,175**
[13] A1

[51] **Int.Cl. 7G01S 7/52 7G01S 15/93**
[25] EN
[54] **SONAR OBJECT DETECTION**
[54] **DETECTION D'OBJETS PAR SONAR**
[72] MILLER, LLOYD E., US
[71] CLEVER DEVICES, LTD., US
[22] 2003-09-22
[41] 2004-03-20
[30] US (60/412,350) 2002-09-20

[21] **2,442,192**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **MARKETING, DESIGN, AND CONSTRUCTION TECHNIQUES FOR BUILDINGS**
[54] **TECHNIQUES DE COMMERCIALISATION, DE CONCEPTION ET DE CONSTRUCTION POUR BATIMENTS**
[72] MILLER, JONATHAN T., US
[71] DIMENSION DEVELOPMENT INCORPORATED, US
[22] 2003-09-22
[41] 2004-03-20
[30] US (60/412,606) 2002-09-20

[21] **2,442,466**
[13] A1

[51] **Int.Cl. 7E05D 15/44**
[25] EN
[54] **SASH WINDOW HINGE**
[54] **ARTICULATION DE FENETRE A GUILLOTINE**
[72] DUPUIS, JEAN, CA
[72] TREMBLAY, MARTIN, CA
[71] DUPUIS, JEAN, CA
[71] TREMBLAY, MARTIN, CA
[22] 2003-09-17
[41] 2004-03-18
[30] GB (0221652.1) 2002-09-18

[21] **2,442,940**
[13] A1

[51] **Int.Cl. 7A23J 3/14 7C08B 30/04 7A23J 1/14 7A23L 1/20**
[25] FR
[54] **PROCEDE D'EXTRACTION DES COMPOSANTS DE LA FARINE DE POIS**
[54] **PROCESS FOR EXTRACTING PEA MEAL COMPONENTS**
[72] SALOME, JEAN-PAUL, FR
[72] HOUARD, ROBERT, FR
[72] VERRIN, JEAN-MARC, FR
[72] FACHE, CLAUDE, FR
[71] SALOME, JEAN-PAUL, FR
[71] HOUARD, ROBERT, FR
[71] VERRIN, JEAN-MARC, FR
[71] FACHE, CLAUDE, FR
[22] 2003-09-18
[41] 2004-03-18
[30] FR (FR 02 11547) 2002-09-18

[21] **2,443,270**
[13] A1

[51] **Int.Cl. 7B67D 5/06 7B67D 5/36**
[25] EN
[54] **FUEL CAN HELPER (FCH)**
[54] **DISPOSITIF DE TRANSFERT DE CARBURANT D'UN BIDON A UN AUTRE**
[72] MARQUARDT, GARTH, CA
[71] MARQUARDT, GARTH, CA
[22] 2003-10-02
[41] 2004-03-15

Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004

[21] **2,444,163**
[13] A1
[51] **Int.Cl. 7F02B 43/12 7F02D 19/02 7F02B 7/08**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING COMBUSTION QUALITY OF A GASEOUS-FUELLED INTERNAL COMBUSTION ENGINE**
[54] **METHODE ET APPAREIL DE CONTROLE DE LA QUALITE DE LA COMBUSTION DANS UN MOTEUR A COMBUSTION INTERNE A GAZ**
[72] ANCIMER, RICHARD, CA
[72] TANIN, KONSTANTIN V., CA
[72] MUNSHI, SANDEEP, CA
[72] FRAZIER, TIM, US
[71] WESTPORT RESEARCH INC., CA
[22] 2003-10-01
[41] 2004-03-15

[21] **2,444,547**
[13] A1
[51] **Int.Cl. 7B65D 25/00 7B42C 7/00 7B65D 25/04 7B42F 13/16 7B65D 71/52**
[25] EN
[54] **LOOSE-LEAF TYPE STORAGE DEVICE**
[54] **DISPOSITIF D'ENTREPOSAGE DU TYPE A FEUILLETS MOBILES**
[72] QINGHAO, YANG, BS
[71] GLOBAL INDUSTRIES HOLDINGS LTD., BS
[22] 2003-10-10
[41] 2004-03-18
[30] TW (092213083) 2003-07-17

[21] **2,445,903**
[13] A1
[51] **Int.Cl. 7B25H 3/02 7B65D 25/00 7A47F 5/00 7A45C 3/02 7A45C 13/02 7B65D 71/52**
[25] EN
[54] **ACCESSORIES DISPLAY BOX**
[54] **BOITE-PRESENTOIR D'ACCESSOIRES**
[72] YANG, QINGHAO, BS
[71] GLOBAL INDUSTRIES HOLDINGS LTD., BS
[22] 2003-10-21
[41] 2004-03-18
[30] TW (092213634) 2003-07-25

[21] **2,447,372**
[13] A1
[51] **Int.Cl. 7A61B 17/122**
[25] EN
[54] **EXTERNAL INCONTINENCE CLAMP**
[54] **PINCE D'INCONTINENCE EXTERNE**
[72] RENNICH, HENRY, CA
[71] RENNICH, HENRY, CA
[22] 2003-10-28
[41] 2004-03-14

[21] **2,447,508**
[13] A1
[51] **Int.Cl. 7G01V 3/18 7E21B 47/12 7G01V 3/20**
[25] EN
[54] **METHOD AND APPARATUS FOR OBTAINING ELECTRICAL IMAGES OF A BOREHOLE WALL THROUGH NONCONDUCTIVE MUD**
[54] **METHODE ET APPAREIL POUR OBTENIR DES IMAGES ELECTRIQUES D'UNE PAROI DE Puits DE FORAGE AU TRAVERS DE BOUE NON CONDUCTRICE**
[72] YURATICH, MICHAEL A., GB
[72] SCHOCH, PETER J., US
[72] CHEMALI, ROLAND, US
[71] COMPUTALOG U.S.A., INC., US
[22] 2003-09-09
[41] 2004-03-16
[30] US (10/244340) 2002-09-16

[21] **2,448,948**
[13] A1
[51] **Int.Cl. 7G02B 23/16**
[25] FR
[54] **SUPPORT D'APPAREIL DE PHOTOGRAPHIE POUR TELESCOPE**
[54] **CAMERA STAND FOR TELESCOPES**
[72] GAGNON, GILLES, CA
[71] GAGNON, GILLES, CA
[22] 2003-11-18
[41] 2004-03-15

[21] **2,450,260**
[13] A1
[51] **Int.Cl. 7F04D 25/04 7F03D 9/00**
[25] EN
[54] **DUAL PUMP WINDWILL**
[54] **POMPE JUMEELEE POUR UN AEROGENERATEUR**
[72] FREBERG, ROBERT, CA
[71] SUPERIOR WINDMILL INCORPORATED, CA
[22] 2003-12-17
[41] 2004-03-18
[30] CA (2,423,101) 2003-03-21

[21] **2,451,487**
[13] A1
[51] **Int.Cl. 7B60R 16/02 7G08B 19/00 7B60R 25/10**
[25] EN
[54] **VEHICLE SECURITY SYSTEM INCLUDING PRE-WARNING FEATURES FOR A VEHICLE HAVING A DATA COMMUNICATIONS BUS AND RELATED METHODS**
[54] **SYSTEME DE SECURITE COMPORTANT DES CARACTERISTIQUES D'AVERTISSEMENT AVANCE POUR UN VEHICULE AYANT UN BUS DE TRANSMISSION DE DONNEES ET METHODES CONNEXES**
[72] FLICK, KENNETH E., US
[71] OMEGA PATENTS, L.L.C., US
[22] 2003-12-23
[41] 2004-03-20
[30] US (10/626,969) 2003-07-25

[21] **2,451,490**
[13] A1
[51] **Int.Cl. 7B60R 16/02 7G08B 19/00 7B60R 25/10**
[25] EN
[54] **VEHICLE SECURITY DEVICE INCLUDING PRE-WARN INDICATOR AND RELATED METHODS**
[54] **DISPOSITIF DE SECURITE DE VEHICULE COMPRENANT UN DISPOSITIF DE PRE-AVERTISSEMENT, ET METHODES CONNEXES**
[72] FLICK, KENNETH E., US
[71] OMEGA PATENTS, L.L.C., US
[22] 2003-12-23
[41] 2004-03-20
[30] US (10/649,267) 2003-08-27

Demandes canadiennes mises à la disponibilité du public
14 mars 2004 - 20 mars 2004

[21] **2,451,537**
[13] A1

[51] **Int.Cl. 7A47B 49/00 7A47B 53/00**
7B65D 25/04
[25] EN
[54] **STORAGE RACK**
[54] **SUPPORT DE RANGEMENT**
[72] QINGHAO, YANG, CN
[71] GLOBAL INDUSTRIES HOLDINGS
LTD., BS
[22] 2003-12-24
[41] 2004-03-20

[21] **2,451,544**
[13] A1

[51] **Int.Cl. 7A47B 81/00 7A01B 1/00**
7B25G 1/04 7A01B 1/20 7A01B 1/22
[25] EN
[54] **GARDEN TOOL RACK**
[54] **RATELIER A Outils DE JARDIN**
[72] LIN, PEI-YING, TW
[71] GLOBAL INDUSTRIES HOLDINGS
LTD., BS
[22] 2003-12-24
[41] 2004-03-20

[21] **2,451,788**
[13] A1

[51] **Int.Cl. 7A63F 3/06**
[25] EN
[54] **LOTTERY TICKET GAME**
[54] **JEU A BILLETS DE LOTERIE**
[72] SOLANO, MARITES TONGOL, CA
[71] POLLARD BANKNOTE LIMITED,
CA
[22] 2003-12-24
[41] 2004-03-18

[21] **2,452,107**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **A METHOD AND SYSTEM FOR**
CONSISTENT LINKING OF RATES OF
RETURN
[54] **METHODE ET SYSTEME**
PERMETTANT LA LIAISON LOGIQUE
DES TAUX DE RENDEMENT
[72] CHESTOPALOV, IOURII
KONSTANTINOVITCH, CA
[71] CHESTOPALOV, IOURII
KONSTANTINOVITCH, CA
[22] 2004-01-16
[41] 2004-03-16

**Canadian Laid-Open Applications
March 14, 2004 - March 20, 2004**

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,417,599**
[13] A1

[51] **Int.Cl. 7B65D 71/00**
[25] EN
[54] **CARTON AND CARTON BLANK**
[54] **CARTONNAGE PLIANT ET**
DÉCOUPE CORRESPONDANTE
[72] AUCLAIR, JEAN-MICHEL, FR
[71] MEADWESTVACO PACKAGING
SYSTEMS, LLC, US
[85] 2003-02-11
[86] 2001-08-05 (PCT/US2001/024554)
[87] 2002-03-14 (WO2002/020367)
[30] GB (0019775.6) 2000-08-11

[21] **2,423,247**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **GENE MARKERS USEFUL FOR**
DETECTING SKIN DAMAGE IN
RESPONSE TO ULTRAVIOLET
RADIATION
[54] **MARQUEURS DE GENE UTILES**
POUR DETECTER DES LESIONS DE LA
PEAU DUES AU RAYONNEMENT
ULTRAVIOLET
[72] BLUMENBERG, MIROSLAV, US
[71] NEW YORK UNIVERSITY, US
[85] 2004-03-05
[86] 2001-09-07 (PCT/US2001/028214)
[87] 2002-03-14 (WO2002/020849)
[30] US (60/231,061) 2000-09-08

[21] **2,429,960**
[13] A1

[51] **Int.Cl. 7C04B 35/565 7B29C 35/08**
[25] EN
[54] **METHOD FOR FABRICATING**
SILICONIZED SILICON CARBIDE
PARTS
[54] **PROCEDE PERMETTANT LA**
PRODUCTION DE COMPOSANTS EN
CARBURE DE SILICIUM SILICIE
[72] BEAMAN, JOSEPH J., US
[72] WANG, HONG YUN, US
[72] PARK, SEOK-MIN, US
[72] BOURELL, DAVID L., US
[71] THE BOARD OF REGENTS OF THE
UNIVERSITY OF TEXAS, US
[85] 2003-05-26
[86] 2001-11-27 (PCT/US2001/044425)
[87] 2002-07-18 (WO2002/055451)
[30] US (60/253,196) 2000-11-27

[21] **2,435,069**
[13] A1

[51] **Int.Cl. 7A61K 33/00**
[25] EN
[54] **TREATMENT SOLUTION FOR**
TAKING CARE OF WOUNDS AND
DRESSING MATERIAL TO BE USED
TOGETHER WITH SAID TREATMENT
SOLUTION
[54] **SOLUTION DE TRAITEMENT**
POUR SOIGNER DES PLAIES, AINSI
QUE MATERIAU POUR PANSEMENT A
UTILISER AVEC CETTE SOLUTION DE
TRAITEMENT
[72] RIESINGER, THOMAS, DE
[71] NAWA-HEILMITTEL GMBH, DE
[85] 2003-07-17
[86] 2002-01-09 (PCT/DE2002/000031)
[87] 2002-07-25 (WO2002/056896)
[30] DE (201 03 576.6) 2001-01-18
[30] DE (201 03 716.5) 2001-03-05
[30] DE (101 39 400.4) 2001-08-10
[30] DE (101 39 398.9) 2001-08-10

[21] **2,435,072**
[13] A1

[51] **Int.Cl. 7A61L 15/42 7A61L 15/46**
[25] EN
[54] **DRESSING MATERIAL IN**
ADDITION TO TREATMENT
SOLUTION FOR USE WITH SAID
DRESSING MATERIAL
[54] **MATERIAU POUR PANSEMENT,**
AINSI QUE SOLUTION DE
TRAITEMENT A UTILISER AVEC CE
MATERIAU POUR PANSEMENT
[72] RIESINGER, THOMAS, DE
[71] NAWA-HEILMITTEL GMBH, DE
[85] 2003-07-17
[86] 2002-01-09 (PCT/DE2002/000032)
[87] 2002-07-25 (WO2002/056927)
[30] DE (201 03 576.6) 2001-01-18
[30] DE (201 03 716.5) 2001-03-05
[30] DE (101 39 399.7) 2001-08-10
[30] DE (101 39 401.2) 2001-08-10

[21] **2,441,767**
[13] A1

[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **INTERVERTEBRAL SPACE**
IMPLANT FOR USE IN SPINAL FUSION
PROCEDURES
[54] **IMPLANT INTERVERTEBRAL**
SERVANT A EFFECTUER UNE FUSION
VERTEBRALE
[72] SCHNEIDERMAN, GARY A., US
[72] GLENN, BRADLEY J., US
[71] DEPUY ACROMED, INC., US
[85] 2003-09-24
[86] 2002-03-22 (PCT/US2002/008845)
[87] 2002-10-03 (WO2002/076351)
[30] US (09/819,461) 2001-03-27

PCT Applications Entering the National Phase

[21] **2,443,086**
[13] A1
[51] **Int.Cl. 7G06K 19/06 7G06K 7/10**
[25] EN
[54] **SYSTEM AND METHOD OF EXTENDING COMMUNICATIONS WITH THE WIEGAND PROTOCOL**
[54] **SYSTEME ET PROCEDE D'EXTENSION DES COMMUNICATIONS AU MOYEN DU PROTOCOLE WIEGAND**
[72] DAVIS, MICHAEL, US
[72] HULUSI, TAM, US
[71] PITTWAY CORPORATION, US
[85] 2003-10-01
[86] 2002-04-06 (PCT/US2002/010554)
[87] 2002-10-17 (WO2002/082367)
[30] US (09/828,395) 2001-04-06

[21] **2,443,211**
[13] A1
[51] **Int.Cl. 7C12N 5/10 7C12Q 1/02 7C12N 9/12 7C12N 15/12 7G01N 33/53 7C12N 15/85**
[25] EN
[54] **ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF**
[54] **PROTEINES KINASE HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT LES PROTEINES KINASE HUMAINES ET UTILISATION CORRESPONDANTE**
[72] DI FRANCESCO, VALENTINA, US
[72] MERKULOV, GENNADY V., US
[72] SHAO, WEI, US
[72] BEASLEY, ELLEN M., US
[71] APPLERA CORPORATION, US
[85] 2003-09-30
[86] 2002-04-01 (PCT/US2002/009744)
[87] 2002-10-10 (WO2002/079431)
[30] US (09/820,790) 2001-03-30

[21] **2,444,724**
[13] A1
[51] **Int.Cl. 7C12N 5/08**
[25] EN
[54] **METHOD FOR DIFFERENTIATING MESENCHYMAL STEM CELLS INTO NEURAL CELLS**
[54] **PROCEDE POUR DIFFERENCIER DES CELLULES SOUCHES MESENCHYMATEUSES DANS DES CELLULES NERVEUSES**
[72] KIM, HYUN-SOO, KR
[72] YOON, HEE HOON, KR
[71] KIM, HYUN-SOO, KR
[85] 2003-10-17
[86] 2002-04-19 (PCT/KR2002/000718)
[87] 2002-10-31 (WO2002/086108)
[30] KR (2001/21064) 2001-04-19

[21] **2,446,881**
[13] A1
[51] **Int.Cl. 7C08J 5/22 7B01D 69/12**
[25] EN
[54] **MODIFICATION OF STRETCHED FILMS**
[54] **MODIFICATION DE FEUILLES ETIREES**
[72] HARING, THOMAS, DE
[72] HARING, RIMA, DE
[71] HARING, THOMAS, DE
[71] HARING, RIMA, DE
[85] 2003-11-10
[86] 2002-05-13 (PCT/EP2002/005256)
[87] 2002-11-21 (WO2002/092673)
[30] DE (101 22 814.7) 2001-05-11

[21] **2,447,766**
[13] A1
[51] **Int.Cl. 7C25B 11/08 7C25B 1/02**
[25] EN
[54] **ELECTRODE FOR GENERATION OF HYDROGEN**
[54] **ELECTRODE UTILISEE POUR LA PRODUCTION D'HYDROGENE**
[72] SAKO, KENTARO, JP
[72] NOAKI, YASUHIDE, JP
[72] HOUDA, HIROYOSHI, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2003-11-17
[86] 2003-03-20 (PCT/JP2003/003423)
[87] 2003-09-25 (WO2003/078694)
[30] JP (2002-077949) 2002-03-20

[21] **2,447,818**
[13] A1
[51] **Int.Cl. 7C12N 9/00 7C12N 9/52**
[25] EN
[54] **METHOD FOR PURIFYING AN ENZYME, A PURIFIED ENZYME PRODUCED THEREBY, AND USE OF THIS ENZYME**
[54] **PROCEDE DE PURIFICATION D'UNE ENZYME, ENZYME AINSI PRODUITE ET PURIFIEE ET UTILISATION DE CETTE ENZYME**
[72] SCHMIDBAUER, STEFAN, DE
[72] KURFURST, MANFRED, DE
[71] NORDMARK ARZNEIMITTEL GMBH & CO., KG, DE
[85] 2003-11-19
[86] 2002-06-01 (PCT/EP2002/006021)
[87] 2003-01-16 (WO2003/004628)
[30] DE (101 31 994.0) 2001-07-02
[30] DE (101 34 347.7) 2001-07-14

[21] **2,447,843**
[13] A1
[51] **Int.Cl. 7G01N 33/53**
[25] EN
[54] **METHOD FOR ESTIMATION OF THE AMOUNT OF SPECIFIC CELL TYPES**
[54] **PROCEDE D'EVALUATION D'UNE QUANTITE DE TYPES DE CELLULES SPECIFIQUES**
[72] VENGE, PER, SE
[71] PHARMACIA DIAGNOSTICS AB, SE
[85] 2003-11-19
[86] 2002-06-24 (PCT/SE2002/001214)
[87] 2003-01-03 (WO2003/001205)
[30] SE (0102220-1) 2001-06-25

Demandes PCT entrant en phase nationale

[21] **2,447,900**
[13] A1

[51] **Int.Cl. 7A61L 27/34 7A61L 31/04 7A61L 31/10 7A61L 31/16**
[25] EN
[54] **DRUG DELIVERY COMPOSITIONS AND COATED MEDICAL DEVICES**
[54] **COMPOSITIONS D'ADMINISTRATION DE MEDICAMENTS ET DISPOSITIFS MEDICAUX CONTENANT UN COPOLYMERE BLOC**
[72] SCHWARZ, MARLENE, US
[72] KAMATH, KALPANA, US
[72] NOTT, SEPIDEH, US
[72] PINCHUK, LEONARD, US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-06-05
[86] 2001-12-12 (PCT/US2001/048380)
[87] 2002-06-20 (WO2002/047731)
[30] US (09/734,639) 2000-12-12

[21] **2,447,909**
[13] A1

[51] **Int.Cl. 7A61K 38/55 7A61P 27/04 7A61K 31/4015 7A61K 31/407**
[25] EN
[54] **USE OF PROTEASOME INHIBITORS TO TREAT DRY EYE DISORDERS**
[54] **UTILISATION D'INHIBITEURS DE PROTEASOME POUR TRAITER DES SECHERESSES DE L'OEIL**
[72] HELLBERG, MARK R., US
[72] KLIMKO, PETER G., US
[71] ALCON, INC., CH
[85] 2003-11-19
[86] 2002-05-17 (PCT/US2002/015775)
[87] 2002-11-28 (WO2002/094311)
[30] US (60/292,722) 2001-05-21

[21] **2,448,180**
[13] A1

[51] **Int.Cl. 7G01N 33/543**
[25] EN
[54] **IMMOBILIZED ASYMMETRIC DOUBLE LIPID LAYERS**
[54] **DOUBLES COUCHES LIPIDIQUES ASYMETRIQUES IMMOBILISEES**
[72] NOLLER, JOACHIM, DE
[72] SCHMITT, JOHANNES, DE
[71] NIMBUS BIOTECHNOLOGIE GMBH, DE
[85] 2003-11-21
[86] 2002-05-14 (PCT/EP2002/005268)
[87] 2002-11-28 (WO2002/095406)
[30] DE (101 25 713.9) 2001-05-21

[21] **2,448,358**
[13] A1

[51] **Int.Cl. 7C12M 3/00 7B01L 3/02 7C12N 5/02 7C12M 1/12 7C12M 1/36**
[25] EN
[54] **PLATE AND METHOD FOR HIGH THROUGHPUT SCREENING**
[54] **PLAQUE ET PROCEDE DE FILTRAGE A HAUTE CAPACITE**
[72] EVERETT, KEITH, US
[71] BIOLEX, INC., US
[85] 2003-11-25
[86] 2002-05-29 (PCT/US2002/016645)
[87] 2002-12-05 (WO2002/097029)
[30] US (60/294,430) 2001-05-30

[21] **2,448,388**
[13] A1

[51] **Int.Cl. 7C12M 1/40 7C12M 1/12 7C12M 1/14**
[25] EN
[54] **PRODUCTION OF SECONDARY METABOLITES**
[54] **PRODUCTION DE METABOLITES SECONDAIRES**
[72] LEUKES, WINSTON DANIEL, ZA
[71] SYNEXA LIFE SCIENCES (PROPRIETARY) LTD., ZA
[85] 2003-11-24
[86] 2002-05-17 (PCT/IB2002/001686)
[87] 2002-11-28 (WO2002/094979)
[30] ZA (2001/4268) 2001-05-24

[21] **2,448,983**
[13] A1

[51] **Int.Cl. 7C12N 15/79**
[25] FR
[54] **VECTEURS DE CLONAGE POUR RECOMBINAISON HOMOLOGUE ET PROCEDE LES UTILISANT**
[54] **CLONING VECTORS FOR HOMOLOGOUS RECOMBINATION AND METHOD USING SAME**
[72] FRAICHARD, ALEXANDRE, FR
[72] LAPIZE-GAUTHEY, CHRISTINE, FR
[71] GENOWAY, FR
[85] 2003-11-28
[86] 2002-05-28 (PCT/FR2002/001782)
[87] 2002-12-05 (WO2002/097100)
[30] FR (0106921) 2001-05-28

[21] **2,449,026**
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61P 35/00 7A61K 39/40 7A61K 39/42**
[25] EN
[54] **USE OF POLYCLONAL IMMUNOGLOBULINS**
[54] **UTILISATION D'IMMUNOGLOBULINES POLYCLONALES**
[72] HIMMLER, GOTTFRIED, AT
[72] LOIBNER, HANS, AT
[71] IGENEON KREBS-IMMUNOTHERAPIE FORSCHUNGS-UND ENTWICKLUNGS-AG, AT
[85] 2003-11-28
[86] 2002-03-19 (PCT/AT2002/000088)
[87] 2002-12-05 (WO2002/096455)
[30] AT (A 860/2001) 2001-06-01

[21] **2,449,054**
[13] A1

[51] **Int.Cl. 7A61K 48/00 7A61K 9/127 7C12N 15/63 7C12N 15/88**
[25] EN
[54] **DELIVERY SYSTEM FOR NUCLEIC ACIDS**
[54] **SYSTEME DE DELIVRANCE D'ACIDES NUCLEIQUES**
[72] BEDNARSKI, MARK, US
[72] CHERESH, DAVID A., US
[72] HOOD, JOHN, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[71] BOARD OF TRUSTEES OF THE LELAND STANFORD, JR., UNIVERSITY, US
[85] 2003-11-28
[86] 2002-05-30 (PCT/US2002/017157)
[87] 2002-12-05 (WO2002/097116)
[30] US (60/294,309) 2001-05-30
[30] US (60/345,891) 2001-10-29

PCT Applications Entering the National Phase

[21] **2,449,220**
[13] A1

[51] **Int.Cl. 7G01N 33/543 7G01N 33/68**
[25] FR
[54] **DISPOSITIF DE PRESENTATION DE POLYPEPTIDES, UTILISABLE COMME "PUCE" POUR LA DETECTION MINIATURISEE DE MOLECULES.**
[54] **DEVICE FOR PRESENTING POLYPEPTIDES, ABLE TO BE USED AS A CHIP FOR MINIATURISED DETECTION OF MOLECULES**
[72] OLIVIER, CHRISTOPHE, FR
[72] GRAS-MASSE, HELENE, FR
[72] DURAND, JEAN-OLIVIER, FR
[72] EL-MAHDI, OUAFAA, FR
[72] GARCIA, JEAN-MICHEL, FR
[72] BOUZIDI, AHMED, FR
[72] DUBURCQ, XAVIER, FR
[72] AURIAULT, CLAUDE, FR
[72] MELNYK, OLEG, FR
[71] SOCIETE D'ETUDE ET DE DEVELOPPEMENT DES ANTIGENES COMBINATOIRES - SEDAC THERAPEUTICS, FR
[71] INSTITUT PASTEUR DE LILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE DE LILLE 2, FR
[85] 2003-11-26
[86] 2002-05-27 (PCT/FR2002/001771)
[87] 2002-12-05 (WO2002/097442)
[30] FR (0106931) 2001-05-28

[21] **2,449,320**
[13] A1

[51] **Int.Cl. 7A61K 38/27 7C07K 1/113 7C07K 14/61**
[25] EN
[54] **MIXTURES OF GROWTH HORMONE DRUG-OLIGOMER CONJUGATES COMPROMISING POLYALKYLENE GLYCOL, USES THEREOF, AND METHODS OF MAKING SAME**
[54] **MELANGES DE CONJUGUES OLIGOMERE-PRINCIPE ACTIF D'HORMONE DE CROISSANCE COMPRENANT UN POLYALKYLENE GLYCOL, UTILISATIONS ASSOCIEES ET PROCEDES DE FABRICATION DE CES CONJUGUES**
[72] ANSARI, ASLAM M., US
[72] EKWURIBE, NNOCHIRI N., US
[72] ODENBAUGH, AMY L., US
[72] PRICE, CHRISTOPHER H., US
[71] NOBEX CORPORATION, US
[85] 2003-12-03
[86] 2002-06-04 (PCT/US2002/017504)
[87] 2002-12-12 (WO2002/098452)
[30] US (09/873,757) 2001-06-04

[21] **2,449,434**
[13] A1

[51] **Int.Cl. 7A01H 5/10 7A01H 1/02**
[25] EN
[54] **METHOD OF PRODUCING FIELD CORN SEED AND PLANTS**
[54] **PROCEDE RELATIF A L'ELABORATION DE SEMENCES ET DE PLANTS DE MAIS JAUNE**
[72] HOEGEMEYER, THOMAS C., US
[71] CERRADO NATURAL SYSTEMS GROUP, INC., US
[85] 2003-06-02
[86] 2001-12-04 (PCT/US2001/045161)
[87] 2002-06-13 (WO2002/045487)
[30] US (60/251,127) 2000-12-04

[21] **2,449,511**
[13] A1

[51] **Int.Cl. 7G01N 33/487 7G01N 33/49**
[25] EN
[54] **POINT-OF-CARE IN-VITRO BLOOD ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE DU SANG IN VITRO AU POINT DE SOINS**
[72] LAUKS, IMANTS R., CA
[71] EPOCAL INC, CA
[85] 2003-12-03
[86] 2002-06-04 (PCT/CA2002/000825)
[87] 2002-12-19 (WO2002/100261)
[30] US (09/875,949) 2001-06-08

[21] **2,450,145**
[13] A1

[51] **Int.Cl. 7C11D 17/04 7C11D 3/00 7C11D 17/00 7C11D 3/37**
[25] EN
[54] **WATER SOLUBLE PACKAGE AND LIQUID CONTENTS THEREOF**
[54] **CONDITIONNEMENT SOLUBLE DANS L'EAU ET LIQUIDES CONTENUS DANS CE CONDITIONNEMENT**
[72] JONES, CRAIG WARREN, GB
[71] UNILEVER PLC, GB
[85] 2003-12-09
[86] 2002-05-08 (PCT/EP2002/005088)
[87] 2002-12-27 (WO2002/102955)
[30] GB (0114847.7) 2001-06-18

[21] **2,450,149**
[13] A1

[51] **Int.Cl. 7C11D 17/04 7C11D 3/00**
[25] EN
[54] **WATER SOLUBLE PACKAGE AND LIQUID CONTENTS THEREOF**
[54] **CONTENANT HYDROSOLUBLE ET SON CONTENU LIQUIDE**
[72] BONE, GAVIN, GB
[72] BURON, HELENE SYLVIE, FR
[72] JONES, CRAIG WARREN, GB
[72] SOUBIRAN, LAURENT, GB
[71] UNILEVER PLC, GB
[85] 2003-12-09
[86] 2002-05-08 (PCT/EP2002/005089)
[87] 2002-12-27 (WO2002/102956)
[30] GB (0114850.1) 2001-06-18

[21] **2,450,579**
[13] A1

[51] **Int.Cl. 7C07D 417/06 7A61K 45/00 7C07D 409/06 7A61K 31/38 7A61K 31/395 7A61K 31/40 7A61K 31/426 7A61K 31/427 7C07D 207/46 7A61K 38/55**
[25] EN
[54] **DIPEPTIDYL PEPTIDASE INHIBITORS FOR THE TREATMENT OF DIABETES**
[54] **INHIBITEURS DE DIPEPTIDYLE PEPTIDASE POUR LE TRAITEMENT DU DIABETE**
[72] XU, JINYOU, US
[72] WEBER, ANN E., US
[72] PARMEE, EMMA, US
[72] EDMONDSON, SCOTT D., US
[71] MERCK & CO., INC., US
[85] 2003-12-11
[86] 2002-06-19 (PCT/US2002/019432)
[87] 2003-01-03 (WO2003/000180)
[30] US (60/299,464) 2001-06-20

[21] **2,450,679**
[13] A1

[51] **Int.Cl. 7C25B 11/04 7C25B 11/00 7H01M 8/10 7H01M 4/86 7H01M 4/88**
[25] EN
[54] **NANO-COMPOSITE ELECTRODES AND METHOD OF MAKING THE SAME**
[54] **ELECTRODES NANOCOMPOSITES ET METHODE POUR LES PRODUIRE**
[72] SWARTZ, SCOTT L., US
[72] SEABAUGH, MATTHEW M., US
[71] NEXTECH MATERIALS, LTD., US
[85] 2003-12-19
[86] 2002-06-28 (PCT/US2002/020467)
[87] 2002-12-29 (WO2004/013882)
[30] US (60/302,159) 2001-06-29

Demandes PCT entrant en phase nationale

[21] **2,450,712**
[13] A1

[51] **Int.Cl. 7A61L 15/24 7C08L 33/02 7C08F 20/06 7C08F 120/06 7C08J 5/12 7A61F 13/15 7B32B 5/16 7C08K 5/17 7C08K 5/20 7A61L 15/22 7A61L 15/60**
[25] EN
[54] **SUPERABSORBENT POLYMERS PROVIDING LONG-TERM GENERATION OF FREE VOLUME IN PARTIALLY HYDRATED ABSORBENT CORES**
[54] **POLYMERES SUPERABSORBANTS ASSURANT LA PRESENCE A LONG TERME DE VOLUMES LIBRES DANS DES AMES ABSORBANTES PARTIELLEMENT HYDRATEES**
[72] CHMIELEWSKI, HARRY J., US
[72] BAKER, ANDREW, US
[71] PARAGON TRADE BRANDS, INC., US
[85] 2003-10-09
[86] 2002-04-10 (PCT/US2002/011184)
[87] 2002-10-10 (WO2003/084430)
[30] US (09/828,846) 2001-04-10

[21] **2,450,715**
[13] A1

[51] **Int.Cl. 7H04B 7/185**
[25] EN
[54] **DIPLEXER/SWITCH CIRCUIT WITH MODEM CAPABILITIES**
[54] **CIRCUIT DIPLEXEUR/COMMUNICATEUR A CAPACITE DE MODEM**
[72] STEPHENSON, GLENN III, US
[72] CRICHTON, JAMES C., US
[72] MCCONNELL, DANNY EDWARD, US
[72] ABUTALEB, MOHAMMED GOMMA, US
[72] JACOBSON, JEFFREY RICHARD, US
[71] INNOVATIVE COMMUNICATIONS TECHNOLOGIES, INC., US
[85] 2003-12-17
[86] 2001-12-17 (PCT/US2001/049145)
[87] 2002-12-27 (WO2002/103930)
[30] US (09/885,580) 2001-06-19

[21] **2,450,895**
[13] A1

[51] **Int.Cl. 7C25B 5/00 7C25B 3/02 7H01M 8/02 7H01M 8/06**
[25] EN
[54] **FUEL CELL TYPE REACTION DEVICE AND METHOD OF PRODUCING COMPOUNDS USING IT**
[54] **DISPOSITIF DE REACTION DU TYPE A PILE A COMBUSTIBLE ET PROCEDE DE PRODUCTION DE COMPOSES UTILISANT LEDIT DISPOSITIF**
[72] OTSUKA, KIYOSHI, JP
[72] SUZUKI, KEN, JP
[72] YAMANAKA, ICHIRO, JP
[71] ASAHI KASEI CHEMICALS CORPORATION, JP
[85] 2003-12-15
[86] 2002-06-21 (PCT/JP2002/006199)
[87] 2003-01-16 (WO2003/004730)
[30] JP (2001-204435) 2001-07-05

[21] **2,450,991**
[13] A1

[51] **Int.Cl. 7C07C 409/00 7C07C 407/00 7C08F 10/02 7C08F 12/08 7C08K 5/14 7C07C 409/16 7C07C 409/32 7C07C 409/38**
[25] EN
[54] **TRANSPORTABLE AND SAFELY PACKAGED ORGANIC PEROXIDE FORMULATIONS COMPRISING REACTIVE PHLEGMATISERS**
[54] **FORMULATIONS DE PEROXYDE ORGANIQUE EMBALLEES AVEC SECURITE ET POUVANT ETRE TRANSPORTEES, COMPRENANT DES PHLEGMATISANTS REACTIFS**
[72] WAANDERS, PETRUS PAULUS, NL
[72] FISCHER, BART, NL
[72] ROES, JOHANNES ISODORUS, NL
[71] AKZO NOBEL N.V., NL
[85] 2003-06-19
[86] 2001-12-14 (PCT/EP2001/014795)
[87] 2002-07-04 (WO2002/051802)
[30] US (60/257,486) 2000-12-22
[30] EP (01200427.1) 2001-02-05

[21] **2,451,107**
[13] A1

[51] **Int.Cl. 7G06F 9/00**
[25] EN
[54] **MULTIFUNCTION PERIPHERAL DEVICES**
[54] **DISPOSITIFS PERIPHERIQUES MULTIFONCTIONNELS**
[72] HANSEN, ERIC, US
[72] CONLEY, MICHAEL, US
[71] ECOPY INC., US
[85] 2003-12-18
[86] 2001-11-26 (PCT/IB2001/002229)
[87] 2003-01-30 (WO2003/009131)
[30] US (09/906,473) 2001-07-16

[21] **2,451,117**
[13] A1

[51] **Int.Cl. 7C08G 18/00 7A61B 19/00 7B29B 9/00 7B29B 15/00 7C08G 63/00 7C08G 69/00 7C08G 73/00 7C08G 75/00 7A61K 9/00 7A61L 9/00 7A61L 12/00 7A61L 29/00 7A61L 31/00 7C08G 69/02 7C08G 71/02 7C08G 71/04 7A61L 12/08 7A61K 9/70**
[25] EN
[54] **FACIALLY AMPHIPHILIC POLYMERS AS ANTI-INFECTIVE AGENTS**
[54] **POLYMERES AMPHIPHILES FACIAUX COMME AGENTS ANTI-INFECTIEUX**
[72] YUAN, JING, US
[72] LIU, DAHUI, US
[72] DEGRADO, WILLIAM F., US
[72] TEW, GREGORY N., US
[72] KLEIN, MICHAEL L., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2003-09-08
[86] 2002-03-07 (PCT/US2002/022043)
[87] 2002-12-19 (WO2002/100295)
[30] US (60/274,145) 2001-03-08

[21] **2,451,158**
[13] A1

[51] **Int.Cl. 7A47L 5/34**
[25] EN
[54] **SELF-PROPELLED BRUSHLESS SURFACE CLEANER WITH RECLAMATION**
[54] **APPAREIL DE NETTOYAGE DE SURFACES SANS BROSSE AUTOPROPULSE A RECUPERATION**
[72] CLEMONS, WILLIAM E., SR., US
[71] CLEAN UP AMERICA, INC., US
[85] 2003-12-18
[86] 2001-05-18 (PCT/US2001/040779)
[87] 2002-11-28 (WO2002/094076)

PCT Applications Entering the National Phase

[21] **2,451,172**
[13] A1

[51] **Int.Cl. 7G09F 9/302**
[25] EN
[54] **A MULTI DISPLAY BOARD**
[54] **PANNEAU A AFFICHAGE**
MULTIPLE
[72] YOUN, INMAN, KR
[71] AP ELECTRONICS CO., LTD., KR
[85] 2003-12-18
[86] 2001-08-21 (PCT/KR2001/001411)
[87] 2002-12-27 (WO2002/103662)
[30] KR (2001/34289) 2001-06-18

[21] **2,451,184**
[13] A1

[51] **Int.Cl. 7A61K 35/00**
[25] EN
[54] **COMPOSITIONS COMPRISING**
BONE MARROW CELLS TOGETHER
WITH DEMINERALIZED AND/OR
MINERALIZED BONE MATRIX AND
THEIR USE IN BONE MARROW
TRANSPLANTATION
[54] **COMPOSITIONS CONTENANT**
DES CELLULES DE MOELLE OSSEUSE
AINSI QU'UNE MATRICE OSSEUSE
DEMINERALISEE ET/OU
MINERALISEE ET LEUR
UTILISATION DANS LA
TRANSPLANTATION DE MOELLE
OSSEUSE
[72] PRIGOZHINA, TATYANA, IL
[72] KURKALLI, BASAN GOWDA S., IL
[72] GUREVITCH, OLGA, IL
[72] SLAVIN, SHIMON, IL
[71] SLAVIN, SHIMON, IL
[85] 2003-09-04
[86] 2002-03-05 (PCT/IL2002/000171)
[87] 2002-09-12 (WO2002/069988)
[30] IL (141813) 2001-03-05

[21] **2,451,998**
[13] A1

[51] **Int.Cl. 7A61K 39/395**
[25] EN
[54] **ANTI-A.BETA. ANTIBODIES**
[54] **ANTICORPS ANTI-SG(A)SG(B)**
[72] JIA, AUDREY YUNHUA, US
[72] TSURUSHITA, NAOYA, US
[72] VASQUEZ, MAXIMILIANO J., US
[71] ELI LILLY AND COMPANY, US
[85] 2003-12-23
[86] 2002-08-14 (PCT/US2002/021322)
[87] 2003-02-27 (WO2003/016466)
[30] US (60/313,224) 2001-08-17

[21] **2,452,069**
[13] A1

[51] **Int.Cl. 7C07K 7/04 7A61K 38/07**
7A61K 38/08 7C07K 5/103 7A61P 5/50
[25] EN
[54] **HYPOGLYCAEMIC PEPTIDES**
AND METHODS OF USE THEREOF
[54] **PEPTIDES HYPOGLYCEMIQUES**
ET METHODES D'UTILISATION
ASSOCIEES
[72] ZIMMET, PAUL ZEV, AU
[72] NG, FRANK MAN-WOON, AU
[71] MONASH UNIVERSITY, AU
[71] INTERNATIONAL DIABETES
INSTITUTE, AU
[85] 2003-12-24
[86] 2002-06-27 (PCT/AU2002/000840)
[87] 2003-01-09 (WO2003/002594)
[30] AU (PR 5956) 2001-06-27

[21] **2,452,123**
[13] A1

[51] **Int.Cl. 7A61K 38/00 7A61K 31/675**
[25] EN
[54] **BLOCKING PEPTIDE FOR**
INFLAMMATORY CELL SECRETION
[54] **PEPTIDE BLOQUANT AGISSANT**
SUR LA SECRETION CELLULAIRE
INFLAMMATOIRE
[72] MARTIN, LINDA D., US
[72] ADLER, KENNETH B., US
[72] LI, YUEHUA, US
[71] NORTH CAROLINA STATE
UNIVERSITY, US
[85] 2003-12-24
[86] 2002-06-26 (PCT/US2002/022270)
[87] 2003-03-01 (WO2003/000027)
[30] US (60/300,933) 2001-06-26

[21] **2,452,183**
[13] A1

[51] **Int.Cl. 7C12N 15/63 7C12N 15/11**
7C12N 1/14 7C12N 15/80
[25] EN
[54] **METHOD FOR**
TRANSFORMATION OF AGARICUS
BISPORUS
[54] **PROCEDES ET COMPOSITIONS**
DE TRANSFORMATION A HAUT
RENDEMENT DE CHAMPIGNONS
FILAMENTEUX
[72] ROMAINE, C. PETER, US
[72] CHEN, XI, US
[71] THE PENN STATE RESEARCH
FOUNDATION, US
[85] 2003-12-23
[86] 2001-06-28 (PCT/US2001/020566)
[87] 2002-01-03 (WO2002/000896)
[30] US (60/214,630) 2000-06-28
[30] US (09/894,630) 2001-06-28

[21] **2,452,310**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12P 19/34**
[25] EN
[54] **METHODS OF MODULATING**
PHARMACOKINETICS OF
OLIGONUCLEOTIDES
[54] **PROCEDES DE MODULATION DE**
LA PHARMACOCINETIQUE DES
OLIGONUCLEOTIDES
[72] MANOHARAN, MUTHIAH, US
[72] PRAKASH, THAZHA P., US
[71] ISIS PHARMACEUTICALS, INC., US
[85] 2003-12-29
[86] 2002-07-01 (PCT/US2002/020940)
[87] 2003-01-16 (WO2003/004603)
[30] US (60/302,683) 2001-07-03
[30] US (10/058,740) 2002-01-28

[21] **2,452,325**
[13] A1

[51] **Int.Cl. 7B65D 3/00**
[25] EN
[54] **AN ANTI-SPALLING**
COMBINATION ON AN IMPACT TOOL
WITH AN IMPROVED HOLDING
SYSTEM
[54] **COMBINAISON ANTI-**
ECAILLAGE POUR OUTIL D'IMPACT
PRESENTANT UN SYSTEME DE
TENUE AMELIORE
[72] MCCARTY, H. DOWNMAN, II., US
[72] POPPER, PETER, US
[72] SCHUMM, BROOKE III, US
[71] HARD HAT TECHNOLOGY, LLC, US
[85] 2003-12-24
[86] 2002-07-23 (PCT/US2002/023448)
[87] 2003-02-06 (WO2003/010052)
[30] US (60/307,198) 2001-07-23
[30] US (60/356,804) 2002-02-13

[21] **2,452,359**
[13] A1

[51] **Int.Cl. 7C12N 15/13 7C12N 1/21**
7C12N 15/34 7C12N 15/70
[25] EN
[54] **EXPRESSION VECTORS**
ENCODING BACTERIOPHAGE
SIGNAL PEPTIDES
[54] **VECTEURS D'EXPRESSION**
[72] HUMPHREYS, DAVID PAUL, GB
[71] CELLTECH R & D LIMITED, GB
[85] 2003-12-29
[86] 2002-07-05 (PCT/GB2002/003129)
[87] 2003-01-16 (WO2003/004636)
[30] GB (0116460.7) 2001-07-05

Demandes PCT entrant en phase nationale

[21] **2,452,474**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07H 19/00
7C07H 21/02 7C07H 21/04 7C12P 19/34**
[25] EN
[54] **NUCLEOTIDE COMPOSITIONS
COMPRISING PHOTOCLEAVABLE
MARKERS AND METHODS OF
PREPARATION THEREOF**
[54] **COMPOSITIONS
NUCLEOTIDIQUES RENFERMANT
DES MARQUEURS PHOTOCLEAVABLES
ET PROCEDES DE PREPARATION**
[72] ROTHSCCHILD, KENNETH J., US
[72] KRZYMANSKA-OLEJNIK, EDYTA,
US
[72] OLEJNIK, JERZY, US
[71] AMBERGEN, INC., US
[85] 2003-12-30
[86] 2002-07-12 (PCT/US2002/022369)
[87] 2003-01-23 (WO2003/006625)
[30] US (60/305,490) 2001-07-13
[30] US (10/193,781) 2002-07-12

[21] **2,452,805**
[13] A1
[51] **Int.Cl. 7H04N 7/16 7H04N 7/173**
[25] EN
[54] **AFFINITY MARKETING FOR
INTERACTIVE MEDIA SYSTEMS**
[54] **MERCATIQUE PAR AFFINITE
POUR SYSTEMES MULTIMEDIA
INTERACTIFS**
[72] MARKEL, STEVEN O., US
[71] INTELLOCITY USA, INC., US
[85] 2003-09-11
[86] 2002-03-13 (PCT/US2002/008049)
[87] 2002-09-19 (WO2002/073967)
[30] US (60/275,295) 2001-03-13
[30] US (10/046,618) 2001-10-26

[21] **2,452,851**
[13] A1
[51] **Int.Cl. 7G01N 33/483 7G01N 27/62
7G01N 33/68**
[25] EN
[54] **METHOD FOR QUALITATIVE
AND/OR QUANTITATIVE
DETERMINATION OF GENDER,
SPECIES, RACE AND/OR
GEOGRAPHICAL ORIGIN OF
BIOLOGICAL MATERIALS**
[54] **PROCEDE DE DETERMINATION
QUALITATIVE ET/OU
QUANTITATIVE DU GENRE, DE
L'ESPECE, DE LA RACE ET/OU DE
L'ORIGINE GEOGRAPHIQUE DE
MATERIAUX BIOLOGIQUES**
[72] ALTMAYER, WOLFGANG, DE
[72] HOLLEMAYER, KLAUS, DE
[72] EWEN, HEIKO, DE
[72] HEINZLE, ELMAR, DE
[71] ALTMAYER, WOLFGANG, DE
[85] 2004-03-16
[86] 2002-05-15 (PCT/DE2002/001737)
[87] 2002-11-21 (WO2002/093166)
[30] DE (101 23 711.1) 2001-05-15

[21] **2,452,977**
[13] A1
[51] **Int.Cl. 7A61K 31/74**
[25] EN
[54] **FACIALLY AMPHIPHILIC
POLYMERS AS ANTI-INFECTIVE
AGENTS**
[54] **POLYMERES AMPHIPHILES
FACIAUX COMME AGENTS ANTI-
INFECTANTS**
[72] KLEIN, MICHAEL L., US
[72] DEGRADO, WILLIAM F., US
[72] TEW, GREGORY N., US
[71] THE TRUSTEES OF THE
UNIVERSITY OF PENNSYLVANIA, US
[85] 2003-09-08
[86] 2002-03-07 (PCT/US2002/006899)
[87] 2002-09-19 (WO2002/072007)
[30] US (60/274,145) 2001-03-08

[21] **2,453,042**
[13] A1
[51] **Int.Cl. 7C07K 16/18 7C12N 15/13
7A61K 39/395**
[25] EN
[54] **IMMUNOLOGICAL BINDING
MOLECULES INHIBITING THE
SYNCYTIAL FUSION OF
TROPHOBLAST CELLS**
[54] **MOLECULES DE LIAISON
IMMUNOLOGIQUES INHIBANT LA
FUSION SYNCYTIALE DE CELLULES
DU TROPHOBLASTE**
[72] SCHMITZ, ULRIKE, DE
[72] KAUFMANN, PETER, NL
[72] FRANK, HANS-GEORG, NL
[71] APLAGEN GMBH, DE
[85] 2004-01-05
[86] 2002-07-03 (PCT/EP2002/007359)
[87] 2003-01-16 (WO2003/004533)
[30] EP (01116199.9) 2001-07-04

[21] **2,453,100**
[13] A1
[51] **Int.Cl. 7C12N 5/08 7C12N 5/02
7C12Q 1/02 7C07K 16/08 7A61K 39/12
7A61P 31/12 7A61K 35/407 7C12N 15/63
7C12Q 1/68 7C12Q 1/70 7A61K 35/76**
[25] FR
[54] **LIGNEES D'HEPATOMES
HUMAINS LEURS OPTENTIONS ET
LEURS APPLICATIONS**
[54] **NOVEL HUMAN HEPATOMA
LINES, METHODS FOR OBTAINING
SAME AND USES THEREOF**
[72] TREPO, CHRISTIAN, FR
[72] RUMIN, SYLVIE, FR
[72] GUGUEN-GUILLOUZO,
CHRISTIANE, FR
[72] GRIPON, PHILIPPE, FR
[71] INSTITUT NATIONAL DE LA SANTE
ET DE LA RECHERCHE MEDICALE
(I.N.S.E.R.M.), FR
[85] 2004-01-06
[86] 2002-07-08 (PCT/FR2002/002391)
[87] 2003-01-16 (WO2003/004627)
[30] FR (01/09044) 2001-07-06

PCT Applications Entering the National Phase

[21] **2,453,112**
[13] A1

[51] **Int.Cl. 7C07K 7/08**
[25] EN
[54] **NEW CATIONIC PEPTIDES OF THE DERMASEPTIN FAMILY ISOLATED FROM THE SKIN SECRETION OF PHYLLomedusa HYPOCHONDRIALIS**
[54] **NOUVEAUX PEPTIDES CATIONIQUES APPARTENANT A LA FAMILLE DES DERMASEPTINES ISOLES A PARTIR DE LA SECRETION CUTANEE DES PHYLLomedusa HYPOCHONDRIALIS**
[72] DA SILVA, LUCIANO PAULINO, BR
[72] DE ALMEIDA LEITE, JOSE ROBERTO DE SOUZA, BR
[72] RIBEIRO DE PAIVA, GENARO, BR
[72] BLOCH JUNIOR, CARLOS, BR
[71] EMPRESA BRASILEIRA DE PESQUISA AGROPECUARIA - EMBRAPA, BR
[71] FUNDACAO UNIVERSIDADE DE BRASILIA - UNB, BR
[85] 2004-01-06
[86] 2002-07-26 (PCT/BR2002/000104)
[87] 2003-02-06 (WO2003/010191)
[30] BR (PI0104510-5) 2001-07-27

[21] **2,453,140**
[13] A1

[51] **Int.Cl. 7A61K 38/39 7A61P 7/00 7A61K 39/395 7G01N 33/50**
[25] EN
[54] **INHIBITION OF THE INTERACTION BETWEEN OXIDIZED PROTEINS AND CD36 OR THE ACTIVE MECHANISM THEREOF**
[54] **PROTEINES OXYDEES, LEUR EFFET BIOLOGIQUE ET MESURES THERAPEUTIQUES ET DIAGNOSTIQUES DECOULANT DU MECANISME D'ACTION, DE L'UTILISATION DE CES PROTEINES OU DE LEUR INHIBITION**
[72] BRODDE, MARTIN, DE
[72] KEHREL, BEATE, DE
[71] HAMBURGER STIFTUNG ZUR FORDERUNG VON WISSENSCHAFT UND KULTUR, DE
[85] 2004-01-09
[86] 2001-10-19 (PCT/EP2001/012129)
[87] 2002-04-25 (WO2002/032445)
[30] DE (100 51 983.0) 2000-10-20
[30] DE (101 48 624.3) 2001-10-02

[21] **2,453,183**
[13] A1

[51] **Int.Cl. 7C07H 21/02 7A01K 67/00 7C12N 5/00 7C07H 21/04**
[25] EN
[54] **IN VIVO PRODUCTION OF SMALL INTERFERING RNAs THAT MEDIATE GENE SILENCING**
[54] **PRODUCTION IN VIVO OF SMALL INTERFERING RNAs THAT MEDIATE GENE SILENCING**
[72] ZAMORE, PHILLIP D., US
[72] HUTVAGNER, GYORGY, US
[72] GRISHOK, ALLA, US
[72] MELLO, CRAIG C., US
[72] MCLACHLAN, JUANITA, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2004-01-07
[86] 2002-07-12 (PCT/US2002/022010)
[87] 2003-01-23 (WO2003/006477)
[30] US (60/305,185) 2001-07-12

[21] **2,453,187**
[13] A1

[51] **Int.Cl. 7A01N 63/00 7A61K 48/00 7C12N 5/06 7C12N 5/08 7C12N 15/63**
[25] EN
[54] **PRODUCTION OF TRANSDUCED HEMATOPOIETIC PROGENITOR CELLS**
[54] **PRODUCTION DE CELLULES DE PROGENITEURS HEMATOPOIETIQUES TRANSDUITES**
[72] MACPHERSON, JANET L., AU
[72] SYMONDS, GEOFFREY, AU
[72] POND, SUSAN, AU
[72] FANNING, GREG C., AU
[72] MURRAY, JOHN, AU
[71] J & J RESEARCH PTY LTD, AU
[71] MACPHERSON, JANET L., AU
[71] POND, SUSAN, AU
[71] FANNING, GREG C., AU
[71] MURRAY, JOHN, AU
[85] 2004-01-07
[86] 2002-07-10 (PCT/US2002/021713)
[87] 2003-01-23 (WO2003/006612)
[30] US (60/304,283) 2001-07-10
[30] US (60/343,392) 2001-10-22

[21] **2,453,295**
[13] A1

[51] **Int.Cl. 7C12N 15/11**
[25] EN
[54] **NOVEL OLIGORIBONUCLEOTIDE DERIVATIVES FOR THE TARGETED INHIBITION OF GENE EXPRESSION**
[54] **DERIVES D'OLIGORIBONUCLEOTIDE PERMETTANT L'INHIBITION ORIENTEE DE L'EXPRESSION GENIQUE**
[72] HUBER, JOCHEN, DE
[72] UHLMANN, EUGEN, DE
[72] NEUMANN, SANDRA, DE
[72] GUNKEL, NIKI, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-01-07
[86] 2002-07-05 (PCT/EP2002/007483)
[87] 2003-01-30 (WO2003/008595)
[30] DE (101 33 915.1) 2001-07-12

[21] **2,453,301**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7A61K 31/7125**
[25] EN
[54] **SYNTHETIC DOUBLE STRANDED OLIGONUCLEOTIDES FOR TARGETED INHIBITION OF GENE EXPRESSION**
[54] **OLIGONUCLEOTIDES SYNTHETIQUES A DOUBLE BRIN UTILISES POUR INHIBER DE FACON CIBLEE L'EXPRESSION GENIQUE**
[72] UHLMANN, EUGEN, DE
[72] HUBER, JOCHEN, DE
[72] NEUMANN, SANDRA, DE
[72] GUNKEL, NIKI, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-01-08
[86] 2002-07-05 (PCT/EP2002/007480)
[87] 2003-01-30 (WO2003/008576)
[30] DE (101 33 858.9) 2001-07-12

Demandes PCT entrant en phase nationale

[21] **2,453,313**
[13] A1

[51] **Int.Cl. 7A61B 17/28**
[25] EN
[54] **DEVICE FOR CONNECTING A FUNCTIONAL UNIT WHICH CAN BE DETACHABLY ARRANGED ON A HOUSING**
[54] **DISPOSITIF POUR RELIER UNE UNITE FONCTIONNELLE MISE EN PLACE DE FACON AMOVIBLE CONTRE UN BOITIER**
[72] EGLI, LORENZ, CH
[72] MAAG, WERNER, CH
[72] ATTINGER, JURG, CH
[71] ALCON GRIESHABER AG, CH
[85] 2004-03-03
[86] 2003-04-10 (PCT/CH2003/000234)
[87] 2003-10-23 (WO2003/086210)
[30] CH (634/02) 2002-04-16
[30] CH (2031/02) 2002-12-02

[21] **2,453,366**
[13] A1

[51] **Int.Cl. 7G01N 33/48 7G01N 31/00 7C12Q 1/68**
[25] EN
[54] **METHODS, APPARATUS, AND COMPUTER PROGRAMS FOR VERIFYING THE INTEGRITY OF A PROBE**
[54] **METHODES, APPAREIL ET PROGRAMMES INFORMATIQUES DE VERIFICATION DE L'INTEGRITE D'UNE SONDE**
[72] SAKAI, STANLEY H., US
[72] MCMILLAN, WILLIAM, US
[71] CEPHEID, US
[85] 2004-01-09
[86] 2002-07-16 (PCT/US2002/022728)
[87] 2003-01-30 (WO2003/009100)
[30] US (09/906,897) 2001-07-16

[21] **2,453,406**
[13] A1

[51] **Int.Cl. 7A61K 38/02 7C12N 15/09 7C07K 14/435**
[25] EN
[54] **METHODS FOR REDUCING IMMUNOGENICITY OF POLYPEPTIDES**
[54] **PROCEDES PERMETTANT LA REDUCTION DE L'ANTIGENICITE DE POLYPEPTIDES**
[72] CARR, FRANCIS J., GB
[72] CARTER, GRAHAM, GB
[72] HELLENDORRN, KOEN, GB
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2004-01-09
[86] 2002-07-12 (PCT/EP2002/007785)
[87] 2003-01-23 (WO2003/006047)
[30] EP (01117105.5) 2001-07-13
[30] EP (01117267.3) 2001-07-17
[30] EP (01117271.5) 2001-07-17

[21] **2,453,327**
[13] A1

[51] **Int.Cl. 7C12N 15/30 7C12P 25/00 7C12Q 1/02 7C07K 16/14 7C12N 1/15 7C07K 14/37 7C12N 15/52 7C12Q 1/68 7C12N 15/80**
[25] EN
[54] **STRESS-ASSOCIATED GENETIC PRODUCTS FROM ASHBYA GOSSYPHII**
[54] **NOUVEAUX PRODUITS GENIQUES, ASSOCIES AU STRESS, DU GENRE ASHBYA GOSSYPHII**
[72] REVUELTA DOVAL, JOSE L., ES
[72] ALTHOEFER, HENNING, DE
[72] KAROS, MARVIN, DE
[72] KROEGER, BURKHARD, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2004-01-08
[86] 2002-07-10 (PCT/EP2002/007696)
[87] 2003-02-20 (WO2003/014351)
[30] DE (101 33 327.7) 2001-07-10
[30] DE (101 33 328.5) 2001-07-10
[30] DE (101 33 329.3) 2001-07-10
[30] DE (101 33 371.4) 2001-07-10
[30] DE (101 33 372.2) 2001-07-10
[30] DE (102 09 815.8) 2002-03-06
[30] DE (102 21 930.3) 2002-05-16
[30] DE (102 25 391.9) 2002-06-07
[30] DE (102 27 795.8) 2002-06-21

[21] **2,453,405**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7A01N 43/04 7C12N 15/09 7C12N 15/63 7A61K 31/70 7C12N 15/70 7C12N 15/74**
[25] EN
[54] **PSEUDOTYPED ADENO-ASSOCIATED VIRUSES AND USES THEREOF**
[54] **VIRUS ADENO-ASSOCIES PSEUDOTYPES ET UTILISATIONS DE CES DERNIERS**
[72] ENGELHARDT, JOHN F., US
[72] YAN, ZIYING, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[71] ENGELHARDT, JOHN F., US
[71] YAN, ZIYING, US
[85] 2004-01-09
[86] 2002-07-12 (PCT/US2002/021926)
[87] 2003-01-23 (WO2003/006616)
[30] US (60/305,204) 2001-07-13

[21] **2,453,417**
[13] A1

[51] **Int.Cl. 7A61K 9/51 7A61K 38/00 7A61K 45/00 7A61K 48/00 7C12Q 1/68 7A61K 31/7088**
[25] EN
[54] **NANOPARTICLE DELIVERY VEHICLE**
[54] **VEHICULE D'ADMINISTRATION DE NANOPARTICULES**
[72] GODEK, MARISHA L., US
[72] TKACHENKO, ALEXANDER G., US
[72] RYAN, JOSEPH A., US
[72] ANDERSON, MILES F., US
[72] FELDHEIM, DANIEL L., US
[72] FRANZEN, STEFAN, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2004-01-08
[86] 2002-07-10 (PCT/US2002/021733)
[87] 2003-06-26 (WO2003/051278)
[30] US (60/304,236) 2001-07-10

PCT Applications Entering the National Phase

[21] **2,453,444**
[13] A1

[51] **Int.Cl. 7A61K 31/421 7A61K 31/164 7A61P 25/28 7C07D 263/34 7A61K 31/426 7C07D 277/56 7C07D 233/70**

[25] EN

[54] **DIAMINEDIOLS FOR THE TREATMENT OF ALZHEIMER'S DISEASE**

[54] **DIAMINEDIOLS POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**

[72] CHRUSCIEL, ROBERT ALAN, US
[72] SCHOSTAREZ, HEINRICH JOSEF, US
[71] ELAN PHARMACEUTICALS, INC., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2004-01-12
[86] 2002-07-10 (PCT/US2002/022459)
[87] 2003-01-23 (WO2003/006013)
[30] US (60/304,305) 2001-07-10
[30] US (60/334,480) 2001-11-30

[21] **2,453,451**
[13] A1

[51] **Int.Cl. 7C07D 317/30 7C07D 263/04 7A61K 31/165 7C07D 295/26 7A61P 25/28 7A61K 31/40 7A61K 31/421 7A61K 31/426 7A61K 31/445 7C07D 213/82**

[25] EN

[54] **AMINEDIOLS FOR THE TREATMENT OF ALZHEIMER'S DISEASE**

[54] **AMINODIOLS POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**

[72] CHRUSCIEL, ROBERT ALAN, US
[72] SCHOSTAREZ, HEINRICH JOSEF, US
[71] ELAN PHARMACEUTICALS, INC., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2004-01-12
[86] 2002-07-10 (PCT/US2002/021709)
[87] 2003-01-23 (WO2003/006453)
[30] US (60/304,129) 2001-07-10

[21] **2,453,524**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/02 7C07H 21/04**

[25] EN

[54] **METHODS AND DEVICES BASED UPON A NOVEL FORM OF NUCLEIC ACID DUPLEX ON A SURFACE**

[54] **PROCEDES ET DISPOSITIFS BASES SUR UNE NOUVELLE FORME DE DOUBLE HELICE D'ACIDE NUCLEIQUE SUR UNE SURFACE**

[72] LEMESHKO, SERGY, US
[72] POWDRILL, TOM, US
[72] MITRA, RAHUL, US
[72] BELOSLUDTSEV, YURI, US
[72] HOGAN, MICHAEL, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2004-01-12
[86] 2002-07-11 (PCT/US2002/022103)
[87] 2003-01-23 (WO2003/006675)
[30] US (60/304,500) 2001-07-11

[21] **2,453,447**
[13] A1

[51] **Int.Cl. 7A61K 31/455 7A61P 25/28 7C07C 237/42 7C07C 323/42 7A61K 31/426 7C07D 303/48 7C07D 213/56 7C07D 277/56**

[25] EN

[54] **ALPHA-HYDROXYAMIDE STATINE DERIVATIVES FOR THE TREATMENT OF ALZHEIMER'S DISEASE**

[54] **DERIVES DE STATINE ALPHA-HYDROXYAMIDE POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**

[72] CHRUSCIEL, ROBERT ALAN, US
[72] SCHOSTAREZ, HEINRICH JOSEF, US
[71] ELAN PHARMACEUTICALS, INC., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2004-01-12
[86] 2002-07-10 (PCT/US2002/021742)
[87] 2003-01-23 (WO2003/006021)
[30] US (60/304,128) 2001-07-10
[30] US (60/327,424) 2001-10-05

[21] **2,453,470**
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61K 48/00 7A61P 43/00 7A61K 38/17 7A61K 31/4174**

[25] EN

[54] **COMPOSITION AND METHOD FOR THE TREATMENT OF DISEASE**

[54] **COMPOSITION ET PROCEDURE POUR LE TRAITEMENT D'UNE MALADIE**

[72] PATELLA, SHANE, AU
[72] SIEVERT, WILLIAM, AU
[72] MCGAW, DAVID, AU
[72] FENNESSY, PAUL, AU
[72] PHILLIPS, DAVID, AU
[72] SMOLICH, JOSEPH, AU
[72] DE KRESTER, DAVID, AU
[71] BIOA PTY LIMITED, AU
[71] MONASH UNIVERSITY, AU
[85] 2004-01-12
[86] 2002-07-12 (PCT/AU2002/000945)
[87] 2003-01-23 (WO2003/006057)
[30] AU (PR 6381) 2001-07-13

[21] **2,453,531**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7A01N 43/04 7A61K 31/07**

[25] EN

[54] **METHODS FOR GENETIC MODIFICATION OF HEMATOPOIETIC PROGENITOR CELLS AND USES OF THE MODIFIED CELLS**

[54] **PROCEDES DE MODIFICATION GENETIQUE DES CELLULES PROGENITRICES HEMATOPOIETIQUES ET UTILISATION DES CELLULES MODIFIEES**

[72] AMADO, RAFAEL, US
[72] SUN, LUN-QUAN, AU
[72] SYMONDS, GEOFFERY P., AU
[72] MACPHERSON, JANET, AU
[72] FANNING, GREG, AU
[72] GERLACH, WAYNE, AU
[71] JOHNSON & JOHNSON RESEARCH PTY LIMITED, AU
[85] 2004-01-12
[86] 2002-07-10 (PCT/US2002/021907)
[87] 2003-01-23 (WO2003/006691)
[30] US (60/304,127) 2001-07-10
[30] US (60/304,283) 2001-07-10
[30] US (60/343,484) 2001-12-21
[30] US (60/386,063) 2002-06-04

Demandes PCT entrant en phase nationale

[21] **2,453,539**
[13] A1

[51] **Int.Cl. 7C12N 5/00 7C12N 5/06 7C12N 11/08**
[25] EN
[54] **SUPPORT FOR CELL/TISSUE CULTURE AND CULTURE MEHTOD**
[54] **SUPPORT POUR CULTURE DE CELLULES ET DE TISSUS ET PROCEDE DE CULTURE**
[72] YOSHIOKA, HIROSHI, JP
[72] KUBOTA, SUNAO, JP
[72] MORI, YUICHI, JP
[71] MEBIOL INC., JP
[85] 2004-01-09
[86] 2002-07-12 (PCT/JP2002/007130)
[87] 2002-07-12 (WO2003/006635)
[30] JP (2001-247439) 2001-07-13

[21] **2,453,579**
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7C12N 15/00 7C07H 21/04 7C12P 21/06**
[25] EN
[54] **METHODS AND COMPOSITIONS USING GENETIC PACKAGE DISPLAY**
[54] **METHODES ET COMPOSITIONS UTILISANT UNE PRESENTATION D'ENSEMBLE GENETIQUE**
[72] LAROCCA, DAVID, US
[72] KASSNER, PAUL, US
[72] BAIRD, ANDREW, GB
[72] BURG, MICHAEL ALAN, US
[71] SELECTIVE GENETICS, INC., US
[85] 2004-01-13
[86] 2002-05-17 (PCT/US2002/016001)
[87] 2002-11-28 (WO2002/094995)
[30] US (09/866,073) 2001-05-24

[21] **2,453,580**
[13] A1

[51] **Int.Cl. 7G01N 33/53 7C07K 16/00**
[25] EN
[54] **DETECTION OF OVARIAN CANCER BASED UPON ALPHA-HAPTOGLOBIN LEVELS**
[54] **DETECTION DU CANCER DE L'OVAIRE SUR LA BASE DES NIVEAUX DE ALPHA-HAPTOGLOBINE**
[72] YE, BIN, US
[72] CRAMER, DANIEL W., US
[72] MOK, SAMUEL C., US
[72] BERKOWITZ, ROSS S., US
[72] SKATES, STEVEN, US
[71] THE BRIGHAM & WOMEN'S HOSPITAL, INC., US
[85] 2004-01-13
[86] 2002-06-06 (PCT/US2002/017845)
[87] 2002-12-19 (WO2002/100242)
[30] US (60/296,458) 2001-06-08

[21] **2,453,589**
[13] A1

[51] **Int.Cl. 7G01N 33/48**
[25] EN
[54] **TEST STRIPS FOR THE DETECTION OF PRION PROTEINS**
[54] **BANDE DE TEST PERMETTANT DE DECELER DES PROTEINES PRIONS**
[72] PRICE, PAUL, CH
[72] OESCH, BRUNO, CH
[72] KUEBLER, ERIC, CH
[71] PRIONICS AG, CH
[85] 2004-01-12
[86] 2002-09-24 (PCT/EP2002/010681)
[87] 2003-04-10 (WO2003/029813)
[30] DE (101 47 012.6) 2001-09-25

[21] **2,453,628**
[13] A1

[51] **Int.Cl. 7G01N 33/53 7G01N 33/531 7C12Q 1/66**
[25] EN
[54] **CAGED COMPOUND CLEAVING PROCESS**
[54] **PROCEDE DE CLIVAGE DE COMPOSE "BLOQUES"**
[72] GAWAD, YAHIA A., CA
[71] CARDIOGENICS INC., CA
[85] 2004-01-12
[86] 2002-07-15 (PCT/CA2002/001077)
[87] 2003-01-30 (WO2003/008969)
[30] CA (2,353,120) 2001-07-16

[21] **2,453,652**
[13] A1

[51] **Int.Cl. 7G01N 33/50**
[25] EN
[54] **A METHOD TO INCREASE EXPRESSION OF PGD2 RECEPTORS AND ASSAYS FOR IDENTIFYING MODULATORS OF PROSTAGLANDIN D2 RECEPTORS**
[54] **METHODE POUVANT AUGMENTER L'EXPRESSION DES RECEPTEURS PGD2, ET DOSAGES PERMETTANT D'IDENTIFIER DES MODULATEURS DES RECEPTEURS DE LA PROSTAGLANDINE D2**
[72] O'NEILL, GARY, CA
[72] GERVAIS, FRANCOIS, CA
[72] METTERS, KATHLEEN MARY, CA
[71] MERCK FROSST CANADA & CO., CA
[85] 2004-01-14
[86] 2002-07-18 (PCT/CA2002/001107)
[87] 2003-01-30 (WO2003/008964)
[30] US (60/306,733) 2001-07-20
[30] US (60/344,519) 2001-11-09

[21] **2,453,655**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7A61K 38/17 7C07K 16/28 7G01N 33/68 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **NOVEL HUMAN PROTON-GATED CHANNELS**
[54] **NOUVEAUX CANAUX A PORTE PROTONIQUE HUMAINS**
[72] BABINSKI, KAZIMIERZ, CA
[72] ABADI, NAIMA, CA
[72] CATARSI, STEFANO, CA
[72] SEGUELA, PHILIPPE, CA
[71] MCGILL UNIVERSITY, CA
[85] 2004-01-14
[86] 2002-07-18 (PCT/CA2002/001120)
[87] 2003-01-30 (WO2003/008448)
[30] CA (2,352,702) 2001-07-18

PCT Applications Entering the National Phase

[21] **2,453,810**
[13] A1
[51] **Int.Cl. 7C12N 15/15 7C12P 21/02
7C12Q 1/37 7G01N 33/53 7C12N 15/63
7C07K 14/81**
[25] EN
[54] **MUTANT PROTEINASE
INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE PROTEINASES
MUTANTS ET UTILISATIONS DE
CEUX-CI**
[72] LAWRENCE, DANIEL A., US
[72] CRANDALL, DAVID, L., US
[72] GORLATOVA, NATALIA, US
[71] AMERICAN RED CROSS, US
[71] WYETH COMPANY, US
[85] 2004-01-14
[86] 2002-07-18 (PCT/US2002/022822)
[87] 2003-07-03 (WO2003/053921)
[30] US (60/305,908) 2001-07-18

[21] **2,453,831**
[13] A1
[51] **Int.Cl. 7A61K 39/00 7A61P 17/00
7A61P 31/10**
[25] EN
[54] **VACCINE FOR PROPHYLAXIS
AND THERAPY OF
DERMATOPHYTOSIS IN
VETERINARY AND HUMAN
MEDICINE**
[54] **NOUVEAU VACCIN CONCU A DES
FINS DE PROPHYLAXIE ET DE
TRAITEMENT EN MEDECINE
VETERINAIRE ET HUMAINE**
[72] CHUMELA, JOSEF, CZ
[72] RYBNIKAR, ALOIS, CZ
[72] WEIGL, EVZEN, CZ
[72] BITTNER, LIBOR, CZ
[72] VRZAL, VLADIMIR, CZ
[71] BIOVETA AG, CZ
[71] RIEMSER ARZNEIMITTEL AG, DE
[85] 2004-01-15
[86] 2002-07-29 (PCT/EP2002/008435)
[87] 2003-02-13 (WO2003/011329)
[30] CZ (PV 2001-2732) 2001-07-27

[21] **2,453,839**
[13] A1
[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **METHOD AND SYSTEM FOR
SENDING RETURN MESSAGES IN
MPLS NETWORKS**
[54] **PROCEDE ET SYSTEME D'ENVOI
DE MESSAGES RETOUR DANS DES
RESEAUX DE COMMUTATION DE
LABELS MUTIPROTOCOLE**
[72] WILLIS, PETER JOHN, GB
[71] BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY, GB
[85] 2004-01-20
[86] 2002-07-26 (PCT/GB2002/003425)
[87] 2003-02-13 (WO2003/013075)
[30] GB (0118172.6) 2001-07-26

[21] **2,453,864**
[13] A1
[51] **Int.Cl. 7C12N 9/16 7C12N 9/06
7C12N 15/10**
[25] EN
[54] **A WALK-THROUGH TECHNIQUE
FOR IN VITRO RECOMBINATION OF
POLYNUCLEOTIDE SEQUENCES**
[54] **TECHNIQUE PAR REVISION
STRUCTUREE POUR LA
RECOMBINAISON IN VITRO DE
SEQUENCES POLYNUCLEOTIDIQUES**
[72] SCHMUCK, RAINER, DE
[72] KRATZSCH, PETER, DE
[72] SHAO, ZHIXIN, DE
[72] VON DER ELTZ, HERBERT, DE
[72] KENKLIES, JANET, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2003-12-01
[86] 2002-06-26 (PCT/EP2002/007060)
[87] 2003-01-09 (WO2003/002736)
[30] EP (01115424.2) 2001-06-27

[21] **2,453,880**
[13] A1
[51] **Int.Cl. 7A61K 39/39 7A61K 39/015
7A61P 33/06 7A61P 31/18 7A61K 39/21**
[25] EN
[54] **USE OF GLYCOSYLCERAMIDES
AS ADJUVANTS FOR VACCINES
AGAINST INFECTIONS AND CANCER**
[54] **UTILISATION DE
GLYCOSYLCERAMIDES COMME
ADJUVANTS POUR DES VACCINS
CONTRE LES INFECTIONS ET LE
CANCER**
[72] TSUJI, MORIYA, US
[72] KOEZUKA, YASHUHIKO, JP
[72] GONZALEZ-ASEGUINOLAZA,
GLORIA, ES
[71] NEW YORK UNIVERSITY, US
[71] BREWERY COMPANY, LIMITED, JP
[85] 2004-01-14
[86] 2002-07-24 (PCT/US2002/023673)
[87] 2003-02-06 (WO2003/009812)
[30] US (60/308,056) 2001-07-25

[21] **2,453,881**
[13] A1
[51] **Int.Cl. 7A61K 31/519 7C07D 209/00
7C07D 235/00 7A61P 35/00 7C07D 487/04**
[25] EN
[54] **4-AMINO-6-PHENYL-
PYRROLO[2,3-D]PYRIMIDINE
DERIVATIVES**
[54] **DERIVES DE LA 4-AMINO-6-
PHENYL-PYRROLO[2,3-
D]PYRIMIDINE**
[72] TRAXLER, PETER, CH
[72] CARAVATTI, GIORGIO, CH
[72] CAPRARO, HANS-GEORG, CH
[72] BOLD, GUIDO, CH
[71] NOVARTIS AG, CH
[85] 2004-01-15
[86] 2002-08-06 (PCT/EP2002/008780)
[87] 2003-02-20 (WO2003/013541)
[30] GB (0119249.1) 2001-08-07

Demandes PCT entrant en phase nationale

[21] **2,453,884**
[13] A1

[51] **Int.Cl. 7A61K 31/6615 7A61P 31/00 7A61K 31/661**
[25] EN
[54] **MICRONUTRIENT PHOSPHATES AS DIETARY AND HEALTH SUPPLEMENTS**
[54] **PHOSPHATES MICRONUTRIANTS UTILISES COMME SUPPLEMENTS SANITAIRES ET DIETETIQUES**
[72] KANNAR, DAVID, AU
[72] WEST, SIMON MICHAEL, AU
[71] VITAL HEALTH SCIENCES PTY LTD, AU
[85] 2004-01-15
[86] 2002-08-06 (PCT/AU2002/001081)
[87] 2003-02-20 (WO2003/013550)
[30] AU (PR 6848) 2001-08-06

[21] **2,453,886**
[13] A1

[51] **Int.Cl. 7B01J 31/22 7C07F 15/00 7C07F 17/00 7C07F 17/02 7C07F 7/08 7B01J 31/24 7C07F 9/50**
[25] EN
[54] **CHIRAL ORGANOMETALLIC COMPOUNDS FOR USE IN ASYMMETRIC SYNTHESIS**
[54] **COMPOSES ORGANOMETALLIQUES CHIRAUX S'UTILISANT DANS UNE SYNTHESE ASYMETRIQUE**
[72] WHITBY, RICHARD, JOHN, GB
[71] AVECIA LIMITED, GB
[85] 2004-01-15
[86] 2002-08-02 (PCT/GB2002/003566)
[87] 2003-02-20 (WO2003/013724)
[30] GB (0119009.9) 2001-08-03

[21] **2,453,894**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/02 7C07H 21/04 7A01N 43/04 7C12P 19/34 7C12N 15/63 7C12N 15/86**
[25] EN
[54] **ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION**
[54] **MODULATION ANTISENS DE L'EXPRESSION D'UNE LIPASE SENSIBLE AUX HORMONES**
[72] WATT, ANDREW T., US
[72] WYATT, JACQUELINE R., US
[72] FREIER, SUSAN M., US
[72] BUTLER, MADELINE M., US
[71] ISIS PHARMACEUTICALS, INC., US
[85] 2004-01-15
[86] 2002-07-15 (PCT/US2002/022672)
[87] 2003-02-06 (WO2003/010139)
[30] US (09/915,814) 2001-07-26

[21] **2,453,913**
[13] A1

[51] **Int.Cl. 7G01N 33/68 7A61P 29/00 7G01N 33/50**
[25] EN
[54] **METHOD FOR IDENTIFYING SUBSTANCES WHICH POSITIVELY INFLUENCE INFLAMMATORY CONDITIONS**
[54] **PROCEDE D'IDENTIFICATION DE SUBSTANCES AYANT UNE INFLUENCE POSITIVE SUR LES AFFECTIONS INFLAMMATOIRES**
[72] JUNG, BIRGIT, DE
[72] KRAUT, NORBERT, AT
[72] MUELLER, STEFAN, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-01-15
[86] 2002-07-17 (PCT/EP2002/007937)
[87] 2003-02-20 (WO2003/014745)
[30] EP (01119003.0) 2001-08-06

[21] **2,453,925**
[13] A1

[51] **Int.Cl. 7C03C 17/36**
[25] FR
[54] **VITRAGE MUNI D'UN EMPILEMENT DE COUCHES MINCES REFLECHISSANT LES INFRAROUGES ET/OU LE RAYONNEMENT SOLAIRE**
[54] **GLAZING PROVIDED WITH STACKED THIN LAYERS REFLECTING INFRARED RAYS AND/OR SOLAR RADIATION**
[72] SCHUETT, JUERGEN, DE
[72] YU, LI-MING, BE
[72] BILLERT, ULRICH, DE
[72] NADAUD, NICOLAS, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2004-01-15
[86] 2002-07-25 (PCT/FR2002/002674)
[87] 2003-02-06 (WO2003/010105)
[30] FR (01/09900) 2001-07-25

[21] **2,453,962**
[13] A1

[51] **Int.Cl. 7C07D 495/04 7C07D 209/00 7C07D 223/00 7C07D 231/00 7C07D 243/00 7C07D 333/00 7C07D 487/04 7A61P 15/04 7A61P 15/10 7A61K 31/495**
[25] EN
[54] **DIAZACYCLOALKANES AS OXYTOCIN AGONISTS**
[54] **DIAZACYCLOALKANES UTILISES COMME AGONISTES DE L'OCYTOCINE**
[72] ROE, MICHAEL BRYAN, GB
[72] HUDSON, PETER JEREMY, DK
[72] PITT, GARY ROBERT WILLIAM, GB
[72] ROOKER, DAVID PHILIP, GB
[72] LAURENT, CELINE MARGUERITE SIMONE, GB
[72] BATT, ANDRZEJ ROMAN, GB
[71] FERRING B.V., NL
[85] 2004-01-15
[86] 2002-08-06 (PCT/GB2002/003593)
[87] 2003-02-27 (WO2003/016316)
[30] GB (0120051.8) 2001-08-16

PCT Applications Entering the National Phase

[21] **2,453,965**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C07K 19/00 7A61P 35/00 7C07K 7/06 7A61K 38/08 7C07K 7/08 7A61K 38/10 7A61K 38/17 7C07K 14/47 7A61K 47/48 7A61K 31/7088**
[25] EN
[54] **PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF CELLS**
[54] **PEPTIDES EFFICACES DANS LE TRAITEMENT DE TUMEURS ET D'AUTRES ETATS PATHOLOGIQUES NECESSITANT L'ABLATION OU LA DESTRUCTION DE CELLULES**
[72] AVERBACK, PAUL A., CA
[71] NYMOX CORPORATION, CA
[85] 2004-01-16
[86] 2002-07-19 (PCT/CA2002/001105)
[87] 2003-01-30 (WO2003/008443)
[30] US (60/306,150) 2001-07-19
[30] US (60/306,161) 2001-07-19
[30] US (60/331,477) 2001-11-16

[21] **2,453,967**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C07K 19/00 7A61P 35/00 7A61K 38/04 7C07K 7/06 7A61K 38/08 7C07K 7/08 7A61K 38/10 7A61K 38/17 7A61P 25/28 7C07K 14/47 7A61K 47/48 7A61K 31/7088**
[25] EN
[54] **PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF CELLS**
[54] **PEPTIDES EFFICACES POUR LE TRAITEMENT DE TUMEURS OU AUTRES MALADIES NECESSITANT L'ABLATION OU LA DESTRUCTION DE CELLULES**
[72] AVERBACK, PAUL A., CA
[72] GEMMELL, JACK, CA
[71] NYMOX CORPORATION, CA
[85] 2004-01-16
[86] 2002-07-19 (PCT/CA2002/001106)
[87] 2003-01-30 (WO2003/008444)
[30] US (60/306,150) 2001-07-19
[30] US (60/306,161) 2001-07-19
[30] US (60/331,477) 2001-11-16

[21] **2,453,970**
[13] A1
[51] **Int.Cl. 7C09K 5/00 7C09K 3/00 7C09K 3/18**
[25] EN
[54] **NON-AQUEOUS HEAT TRANSFER FLUID AND USE THEREOF**
[54] **FLUIDE CALOPORTEUR NON AQUEUX ET SON UTILISATION**
[72] EVANS, JOHN W., US
[72] LIGHT, J. THOMAS, US
[71] EVANS COOLING SYSTEMS, INC., US
[85] 2004-01-15
[86] 2001-08-23 (PCT/US2001/026309)
[87] 2003-03-06 (WO2003/018706)
[30] US (09/910,497) 2001-07-19

[21] **2,453,978**
[13] A1
[51] **Int.Cl. 7C07D 295/12 7C07D 498/04 7C07C 231/18 7C07C 237/20 7C07C 215/30**
[25] EN
[54] **SYNTHESIS OF UDP-GLUCOSE: N-ACYLSPHINGOSINE GLYCOSYLTRANSFERASE INHIBITORS**
[54] **SYNTHESE D'INHIBITEURS DE L'UDP-GLUCOSE : N-ACYLSPHINGOSINE GLYCOSYLTRANSFERASE**
[72] HIRTH, BRADFORD H., US
[72] SIEGEL, CRAIG, US
[72] COPELAND, DIANE, US
[72] HARRIS, DAVID J., US
[72] NELSON, CAROL ANNE, US
[72] SHAYMAN, JAMES A., US
[71] GENZYME CORPORATION, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2004-01-15
[86] 2002-07-16 (PCT/US2002/022659)
[87] 2003-01-30 (WO2003/008399)
[30] US (60/305,814) 2001-07-16

[21] **2,453,986**
[13] A1
[51] **Int.Cl. 7C12N 15/62 7C07K 19/00 7A61P 7/00 7A61P 9/00 7C12P 21/02 7A61L 33/12 7C12N 15/12 7C12N 15/13 7A61K 38/17 7C07K 16/18 7A61L 27/34 7C07K 14/47 7G01N 33/53 7C12N 15/63**
[25] EN
[54] **GLYCOPROTEIN VI FUSION PROTEINS**
[54] **PROTEINE DE FUSION, GLYCOPROTEINE VI**
[72] GLEITZ, JOHANNES, DE
[72] BURGER, CHRISTA, DE
[72] FRECH, MATTHIAS, DE
[71] MERCK PATENT GMBH, DE
[85] 2004-01-16
[86] 2002-07-12 (PCT/EP2002/007796)
[87] 2003-01-30 (WO2003/008454)
[30] EP (01116717.8) 2001-07-18

[21] **2,453,993**
[13] A1
[51] **Int.Cl. 7A61K 31/498 7A61P 35/04 7A61K 47/44**
[25] EN
[54] **METHOD AND COMPOSITION FOR TREATMENT OF CANCER**
[54] **PROCEDE ET PREPARATION DE TRAITEMENT DU CANCER**
[72] POURGHOLAMI, MOHAMMAD HOSSEIN, AU
[72] MORRIS, DAVID LAWSON, AU
[71] UNISEARCH LIMITED, AU
[85] 2004-01-15
[86] 2002-07-16 (PCT/AU2002/000954)
[87] 2003-01-30 (WO2003/007957)
[30] AU (PR 6443) 2001-07-17

[21] **2,453,994**
[13] A1
[51] **Int.Cl. 7G06K 19/00 7E05B 19/00 7A47G 29/10**
[25] EN
[54] **CREDIT CARD WITH CASE**
[54] **CARTE DE CREDIT AVEC BOITIER**
[72] WILSON, KIMBERLY S., US
[72] SCHICK, BETTY M., US
[72] NELMS, DAVID W., US
[71] DISCOVER FINANCIAL SERVICES, INC., US
[85] 2004-01-15
[86] 2002-07-17 (PCT/US2002/022933)
[87] 2003-01-30 (WO2003/009220)
[30] US (60/306,743) 2001-07-20
[30] US (10/085,454) 2002-02-27
[30] US (60/365,447) 2002-03-15
[30] US (60/367,840) 2002-03-27

Demandes PCT entrant en phase nationale

[21] **2,453,996**
[13] A1

[51] **Int.Cl. 7A61K 31/56 7A61P 9/00**
7A61K 47/02 7A61K 9/08 7A61K 45/08
7A61K 9/10 7A61K 47/10 7A61K 9/14
7A61K 9/19 7A61K 47/26

[25] EN
[54] **MEDICAL PREPARATION FOR PARENTERAL INJECTION**
[54] **PREPARATION MEDICALE POUR INJECTION PARENTERALE**

[72] TAI, HIDEAKI, JP
[72] MIYAKO, YASUHIRO, JP
[72] FUJIKANE, KAZUICHI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2004-01-15
[86] 2002-07-16 (PCT/JP2002/007190)
[87] 2003-01-30 (WO2003/007967)
[30] JP (2001-216617) 2001-07-17

[21] **2,453,998**
[13] A1

[51] **Int.Cl. 7C09D 5/44 7C08G 59/56**

[25] EN
[54] **PIGMENT DISPERSANT FOR CATHODIC ELECTROCOATING COMPOSITION**
[54] **DISPERSANT DE PIGMENTS D'UNE COMPOSITION D'ELECTROLAQUAGE CATHODIQUE**

[72] GAM, ALLISA, US
[71] E.I. DU PONT DE NEMOURS, US
[85] 2004-01-15
[86] 2002-08-06 (PCT/US2002/024799)
[87] 2003-02-20 (WO2003/014235)
[30] US (09/924,760) 2001-08-08

[21] **2,454,022**
[13] A1

[51] **Int.Cl. 7A61K 31/426**

[25] EN
[54] **USE OF 4-[(4-THIAZOLYL)PHENOXY] ALKOXY-BENZAMIDINE DERIVATIVES FOR TREATMENT OF OSTEOPOROSIS**
[54] **UTILISATION DE DERIVES DE 4-[(4-THIAZOLYL)PHENOXY]ALCOXY-BENZAMIDINE DANS LE TRAITEMENT DE L'OSTEOPOROSE**

[72] PARK, YONG-YOUP, KR
[72] RYU, JEI-MAN, KR
[72] CHUNG, YONG-HO, KR
[72] KIM, DO-HUI, KR
[72] KIM, EUN-JOO, KR
[72] HWANG, YUN-HA, KR
[72] KIM, PAN-SOO, KR
[72] LEE, JIN-SOO, KR
[72] SUH, HONG-SUK, KR
[71] DONG WHA PHARM. IND. CO., LTD., KR
[71] SUH, HONG-SUK, KR
[85] 2004-01-16
[86] 2002-03-19 (PCT/KR2002/000463)
[87] 2003-01-30 (WO2003/007947)
[30] KR (2001/43490) 2001-07-19

[21] **2,454,025**
[13] A1

[51] **Int.Cl. 7C08B 37/00 7C07H 3/06**

[25] EN
[54] **EXTRACTION OF POLYSACCHARIDES FROM VEGETABLE AND MICROBIAL MATERIAL**
[54] **EXTRACTION DE POLYSACCHARIDES D'UNE SUBSTANCE VEGETALE ET MICROBIENNE**

[72] JETTEN, JAN MATTHIJS, NL
[72] EKHART, PETER FRANK, NL
[72] HAAKSMAN, INGRID KARIN, NL
[72] VAN DER WILDEN, WIM, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2004-01-16
[86] 2002-07-17 (PCT/NL2002/000482)
[87] 2003-01-30 (WO2003/008458)
[30] US (1018568) 2001-07-17

[21] **2,454,030**
[13] A1

[51] **Int.Cl. 7B32B 27/32 7D01F 6/04**
7B29C 47/06 7B29C 55/06 7D01F 6/06
7D01F 8/06 7D01D 5/253 7D01D 5/42

[25] EN
[54] **POLYOLEFIN FILM, TAPE OR YARN**
[54] **FILM, BANDE OU FIL DE POLYOLEFINE**

[72] JACOBS, JOHANNES ANTONIUS JOSEPH, NL
[72] PEIJS, ANTONIUS ANDREAS JOHANNES MARIA, NL
[72] SCHIMANSKI, TILO, NL
[72] LOOS, JOACHIM, NL
[71] LANKHORST INDUTECH B.V., NL
[85] 2004-01-16
[86] 2002-07-19 (PCT/NL2002/000487)
[87] 2003-01-30 (WO2003/008190)
[30] EP (01202757.9) 2001-07-19
[30] EP (01203764.4) 2001-10-04

[21] **2,454,033**
[13] A1

[51] **Int.Cl. 7A63B 53/16**

[25] EN
[54] **ADJUSTABLE LENGTH GOLF PUTTER WITH SELF LOCKING DESIGN**
[54] **PUTTER, REGLABLE EN LONGUEUR ET AUTO-VERROUILLABLE**

[72] MOORE, SIMON GARRY, NZ
[71] MOORE, SIMON GARRY, NZ
[85] 2004-01-16
[86] 2002-07-15 (PCT/NZ2002/000123)
[87] 2003-01-30 (WO2003/008048)
[30] NZ (512998) 2001-07-18

[21] **2,454,035**
[13] A1

[51] **Int.Cl. 7A44C 25/00 7G09F 13/00**

[25] EN
[54] **ORNAMENT AND JEWELRY CONSTRUCTION**
[54] **STRUCTURE FANTAISIE ET DE BIJOUTERIE**

[72] FEUER, JEFFREY, US
[71] FEUER ARTS INC., US
[85] 2004-01-16
[86] 2002-07-17 (PCT/US2002/022786)
[87] 2003-01-30 (WO2003/007683)
[30] US (60/306,114) 2001-07-17

PCT Applications Entering the National Phase

[21] **2,454,036**
[13] A1

[51] **Int.Cl. 7B60C 17/06 7B60C 1/00 7C08L 21/00 7B60C 17/01 7B60C 17/04 7C08K 5/098**
[25] EN
[54] **RUNFLAT INSERT FOR TIRES AND MATERIALS THEREFOR AND PIECE RAPPORTEE POUR LIMITER L'AFFAISSEMENT DE PNEUMATIQUES, ET MATERIAUX ASSOCIES**
[72] GRAH, MICHAEL D., US
[72] CRON, STEVEN M., US
[72] RHYNE, TIMOTHY B., US
[72] DEMINO, KENNETH W., US
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2004-01-16
[86] 2001-10-29 (PCT/US2001/051156)
[87] 2003-01-30 (WO2003/008210)
[30] US (PCT/US01/23163) 2001-07-19

[21] **2,454,038**
[13] A1

[51] **Int.Cl. 7F03D 1/06 7F03D 3/06**
[25] EN
[54] **WIND TURBINE BLADE AUBE D'EOLIENNE**
[72] VRONSKY, TOMAS, GB
[72] GUNNESKOV, OLE, DK
[72] HANCOCK, MARK, GB
[72] BARLOW, NICHOLAS DUDLEY, GB
[71] NEG MICON A/S, DK
[85] 2004-01-16
[86] 2002-07-19 (PCT/DK2002/000506)
[87] 2003-01-30 (WO2003/008800)
[30] DK (PA 2001 01125) 2001-07-19
[30] GB (0202401.6) 2002-02-01

[21] **2,454,040**
[13] A1

[51] **Int.Cl. 7A47C 31/10**
[25] EN
[54] **COVER FOR BACK SUPPORTS, SEATS AND SUPPORT SURFACES OF SPORTS APPLIANCES**
[54] **HOUSSE POUR DOSSIERS, SIEGES ET SURFACES D'APPUI DE MACHINES DE SPORT**
[72] CERVANTES GALLEGO, MARIA, ISABEL, ES
[71] CERVANTES GALLEGO, MARIA, ISABEL, ES
[85] 2004-01-16
[86] 2001-10-08 (PCT/ES2001/000374)
[87] 2003-01-30 (WO2003/007760)
[30] ES (P200101686) 2001-07-18

[21] **2,454,041**
[13] A1

[51] **Int.Cl. 7A47J 37/06 7A47J 37/00**
[25] EN
[54] **BASTING APPARATUS DISPOSITIF D'ARROSAGE**
[72] WRENN, JUDITH H., US
[71] WRENN, JUDITH H., US
[85] 2004-01-16
[86] 2002-07-19 (PCT/US2002/023162)
[87] 2003-01-30 (WO2003/008869)
[30] US (09/909,436) 2001-07-19

[21] **2,454,043**
[13] A1

[51] **Int.Cl. 7A61P 7/02 7A61L 33/02 7A61K 33/08**
[25] EN
[54] **USE OF MAGNESIUM FOR PREVENTING IN-STENT THROMBOSIS AND COMPLICATIONS AFTER ARTERIAL ANGIOPLASTY WITH STENT PLACEMENT**
[54] **PREVENTION D'UNE THROMBOSE D'ENDOPROTHESE ET DES COMPLICATIONS APRES UNE ANGIOPLASTIE ARTERIELLE AVEC PLACEMENT D'UNE ENDOPROTHESE A L'AIDE DE MAGNESIUM**
[72] KAUL, SANJAY, US
[72] SHAH, PREDIMAN K., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2004-01-16
[86] 2002-07-10 (PCT/US2002/021630)
[87] 2003-01-30 (WO2003/007970)
[30] US (09/908,342) 2001-07-18

[21] **2,454,045**
[13] A1

[51] **Int.Cl. 7G01N 27/447**
[25] EN
[54] **ARRAYS OF BUFFERS FOR ANALYSING BIOMOLECULES BY THEIR ISOELECTRIC POINT**
[54] **MATRICES, RESEAUX, SYSTEMES ET PROCEDES**
[72] ZILBERSTEIN, GLEB, IL
[72] BUKSHPAN, SHMUEL, IL
[71] PROTEIN FOREST, INC., US
[85] 2004-01-16
[86] 2002-07-16 (PCT/US2002/022714)
[87] 2003-01-30 (WO2003/008977)
[30] US (60/305,802) 2001-07-16
[30] US (60/310,316) 2001-08-06
[30] US (60/340,698) 2001-10-29
[30] US (60/377,044) 2002-04-30

[21] **2,454,048**
[13] A1

[51] **Int.Cl. 7A61K 31/70 7C07H 21/04 7C12N 15/12 7C12P 19/34**
[25] EN
[54] **THERAPEUTIC AGENTS COMPRISING PRO-APOPTOTIC PROTEINS**
[54] **AGENTS THERAPEUTIQUES CONTENANT DES PROTEINES PRO-APOPTOTIQUES**
[72] ROSENBLUM, MICHAEL G., US
[72] LIU, YUYING, US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 2004-01-16
[86] 2002-07-17 (PCT/US2002/023378)
[87] 2003-01-30 (WO2003/007889)
[30] US (60/306,091) 2001-07-17
[30] US (60/332,886) 2001-11-06
[30] US (60/360,361) 2002-02-28

[21] **2,454,049**
[13] A1

[51] **Int.Cl. 7A61K 31/27 7A61P 25/06**
[25] EN
[54] **CARBAMATE COMPOUNDS FOR USE IN PREVENTING OR TREATING NEUROPATHIC PAIN AND CLUSTER AND MIGRAINE HEADACHE-ASSOCIATED PAIN**
[54] **COMPOSES CARBAMATES UTILISES DANS LA PREVENTION OU LE TRAITEMENT DE LA DOULEUR NEUROPATHIQUE, DE LA DOULEUR ASSOCIEE A LA CEPHALEE VASCULAIRES DE HORTON, ET A LA MIGRAINE**
[72] ZHAO, BOYU, US
[72] PLATA-SALAMAN, CARLOS R., US
[72] CODD, ELLEN C., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2004-01-16
[86] 2002-07-11 (PCT/US2002/021897)
[87] 2003-01-30 (WO2003/007934)
[30] US (60/305,636) 2001-07-16
[30] US (10/193,600) 2002-07-11

Demandes PCT entrant en phase nationale

[21] **2,454,051**
[13] A1
[51] **Int.Cl. 7H04Q 7/20 7H04M 11/00 7H04M 15/06 7G01C 21/30 7H04M 3/42**
[25] EN
[54] **POSITION DETERMINATION SYSTEM**
[54] **SYSTEME DE DETERMINATION DE POSITION**
[72] SHEHA, MICHAEL A., US
[72] ZEVALLOS, ANGIE, US
[72] PETILLI, STEPHEN, US
[71] NETWORKS IN MOTION, INC., US
[85] 2004-01-16
[86] 2002-07-16 (PCT/US2002/022835)
[87] 2003-01-30 (WO2003/008992)
[30] US (60/305,975) 2001-07-17
[30] US (10/194,518) 2002-07-11

[21] **2,454,053**
[13] A1
[51] **Int.Cl. 7A63C 5/03 7A63C 17/00 7B62B 17/02 7A63C 1/36**
[25] EN
[54] **CARVING TOBOGGAN**
[54] **TOBOGGAN PARABOLIQUE**
[72] LANGFORD, JOCELIN, GB
[72] JAMES, DAVID ALUN, GB
[71] SCIENTIFIC GENERICS LIMITED, GB
[85] 2004-01-16
[86] 2002-07-17 (PCT/GB2002/003267)
[87] 2003-01-30 (WO2003/008051)
[30] GB (0117385.5) 2001-07-17
[30] GB (0129608.6) 2001-12-11

[21] **2,454,054**
[13] A1
[51] **Int.Cl. 7B05D 7/00 7B05D 1/00 7B05D 3/00 7B05D 3/04 7B05D 3/10 7B05D 1/18**
[25] EN
[54] **A METHOD OF PREPARING AN ANTI-FOULING COATING**
[54] **PROCEDE DE PREPARATION D'UN REVETEMENT ANTISALISSURE**
[72] WANG, GUOQIANG, US
[72] ENOKI, TAKASHI, US
[72] MENDUM, THOMAS H. E., US
[72] TEMCHENKO, MARINA, US
[72] LEVY, RHONDA D., US
[72] GOLD, HARRIS, US
[72] TANAKA, TOYOICHI (DECEASED), US
[71] FOSTER-MILLER, INC., US
[85] 2004-01-16
[86] 2002-07-17 (PCT/US2002/022571)
[87] 2003-01-30 (WO2003/008505)
[30] US (60/305,944) 2001-07-17

[21] **2,454,055**
[13] A1
[51] **Int.Cl. 7H04B 7/216 7H04J 11/00 7H04J 1/16**
[25] EN
[54] **USE OF ORTHOGONAL OR NEAR ORTHOGONAL CODES IN REVERSE LINK**
[54] **UTILISATION DE CODES ORTHOGONAUX OU PRESQUE ORTHOGONAUX DANS UNE LIAISON INVERSE**
[72] PROCTOR, JAMES A., JR., US
[72] ALAPURANEN, PERTTI O., US
[71] INTERDIGITAL ACQUISITION CORP., US
[85] 2004-01-16
[86] 2002-07-16 (PCT/US2002/022664)
[87] 2003-01-30 (WO2003/009099)
[30] US (60/306,062) 2001-07-17

[21] **2,454,057**
[13] A1
[51] **Int.Cl. 7A61B 5/00 7A61B 5/0245**
[25] EN
[54] **NUISANCE ALARM REDUCTIONS IN A PHYSIOLOGICAL MONITOR**
[54] **REDUCTIONS DES ALARMES INTEMPESTIVES D'UN APPAREIL DE MESURE PHYSIOLOGIQUE**
[72] MANNHEIMER, PAUL D., US
[71] NELLCOR PURITAN BENNETT INCORPORATED, US
[85] 2004-01-16
[86] 2002-07-17 (PCT/US2002/022844)
[87] 2003-01-30 (WO2003/007815)
[30] US (09/910,700) 2001-07-19

[21] **2,454,058**
[13] A1
[51] **Int.Cl. 7A61B 17/04**
[25] EN
[54] **PERCUTANEOUS SUTURING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE SUTURE PERCUTANEE**
[72] RITCHART, MARK A., US
[71] OPUS MEDICAL, INC., US
[85] 2004-01-16
[86] 2002-07-18 (PCT/US2002/022889)
[87] 2003-01-30 (WO2003/007799)
[30] US (09/909,928) 2001-07-20

[21] **2,454,059**
[13] A1
[51] **Int.Cl. 7C07D 417/12 7A61P 9/00 7C07D 413/04 7C07D 271/06 7A61P 3/10 7C07D 413/12 7C07D 413/14 7C07D 417/14 7A61K 31/496 7C07D 263/56 7C07D 277/64**
[25] EN
[54] **SUBSTITUTED PIPERAZINE COMPOUNDS AND THEIR USE AS FATTY ACID OXIDATION INHIBITORS**
[54] **COMPOSES DE PIPERAZINE SUBSTITUES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE L'OXYDATION D'ACIDES GRAS**
[72] IBRAHIM, PRABHA, US
[72] REHDER, KENNETH, US
[72] ZABLOCKI, JEFF, US
[72] PALLE, VENKATA, US
[72] ELZEIN, ELFATIH, US
[72] SHENK, KEVIN, US
[71] CV THERAPEUTICS, INC., US
[85] 2004-01-16
[86] 2002-07-18 (PCT/US2002/022897)
[87] 2003-01-30 (WO2003/008411)
[30] US (60/306,621) 2001-07-19

[21] **2,454,060**
[13] A1
[51] **Int.Cl. 7C08F 4/642 7C08F 210/02 7C08F 2/34**
[25] EN
[54] **LOW COMONOMER INCORPORATING METALLOCENE CATALYST COMPOUNDS**
[54] **COMPOSES CATALYSEURS A METALLOCENE A FAIBLE INCORPORATION DE COMONOMERE**
[72] MCCULLOUGH, LAUGHLIN G., US
[72] VAUGHAN, GEORGE ALAN, US
[71] UNIVATION TECHNOLOGIES LLC, US
[85] 2004-01-16
[86] 2002-07-19 (PCT/US2002/022942)
[87] 2003-01-30 (WO2003/008465)
[30] US (60/306,503) 2001-07-19
[30] US (10/199,147) 2002-07-19

PCT Applications Entering the National Phase

[21] **2,454,061**
[13] A1

[51] **Int.Cl. 7G06F 3/06**
[25] EN
[54] **DATA TRANSMISSION FROM RAID DEVICES**
[54] **TRANSMISSION DE DONNEES A PARTIR DE DISPOSITIFS RAID**
[72] TRASATTI, PHILLIP, US
[72] MANN, BRUCE, US
[72] RASPUZZI, MICHAEL D., US
[72] CHIQUOINE, KENNETH F., US
[71] SEACHANGE INTERNATIONAL, INC., US
[85] 2004-01-16
[86] 2002-07-17 (PCT/US2002/022816)
[87] 2003-01-30 (WO2003/009124)
[30] US (09/907,534) 2001-07-17

[21] **2,454,090**
[13] A1

[51] **Int.Cl. 7G06F 1/00**
[25] FR
[54] **PROCEDE POUR PROTEGER UN LOGICIEL A L'AIDE D'UN PRINCIPE DIT DE "VARIABLE" CONTRE SON UTILISATION NON AUTORISEE**
[54] **METHOD FOR PROTECTING A SOFTWARE USING A SO-CALLED VARIABLE PRINCIPLE AGAINST ITS UNAUTHORISED USE**
[72] CUENOD, JEAN-CHRISTOPHE, FR
[72] SGRO, GILLES, FR
[71] VALIDY, FR
[85] 2004-01-16
[86] 2002-07-04 (PCT/FR2002/002338)
[87] 2003-02-13 (WO2003/012649)
[30] FR (01/10250) 2001-07-31

[21] **2,454,094**
[13] A1

[51] **Int.Cl. 7G06F 1/00**
[25] FR
[54] **PROCEDE POUR PROTEGER UN LOGICIEL A L'AIDE D'UN PRINCIPE DIT DE "RENOMMAGE" CONTRE SON UTILISATION NON AUTORISEE**
[54] **METHOD FOR PROTECTING A SOFTWARE USING A SO-CALLED RENAMING PRINCIPLE AGAINST ITS UNAUTHORISED USE**
[72] SGRO, GILLES, FR
[72] CUENOD, JEAN-CHRISTOPHE, FR
[71] VALIDY, FR
[85] 2004-01-16
[86] 2002-07-04 (PCT/FR2002/002340)
[87] 2003-02-13 (WO2003/012604)
[30] FR (01/10246) 2001-07-31

[21] **2,454,062**
[13] A1

[51] **Int.Cl. 7B21D 7/08**
[25] EN
[54] **A HYDRAULIC CIRCUIT FOR LINEARLY DRIVING A MOVABLE ROLLER-HOLDER SLIDER OF A PIPE BENDING MACHINE**
[54] **CIRCUIT HYDRAULIQUE DESTINE A LA COMMANDE LINEAIRE DU COULISSEAU PORTE-ROULEAU MOBILE D'UNE MACHINE A CINTRER**
[72] CAPORUSSO, ALESSANDRO, IT
[71] CML INTERNATIONAL S.P.A., IT
[85] 2004-01-16
[86] 2001-07-18 (PCT/IT2001/000381)
[87] 2003-01-30 (WO2003/008126)

[21] **2,454,092**
[13] A1

[51] **Int.Cl. 7G06F 1/00**
[25] FR
[54] **PROCEDE POUR PROTEGER UN LOGICIEL A L'AIDE D'UN PRINCIPE DIT DE "DISSOCIATION TEMPORELLE" CONTRE SON UTILISATION NON AUTORISEE**
[54] **METHOD FOR PROTECTING A SOFTWARE USING A SO-CALLED TEMPORAL DISSOCIATION PRINCIPLE AGAINST ITS UNAUTHORISED USE**
[72] CUENOD, JEAN-CHRISTOPHE, FR
[72] SGRO, GILLES, FR
[71] VALIDY, FR
[85] 2004-01-16
[86] 2002-07-04 (PCT/FR2002/002339)
[87] 2003-02-13 (WO2003/012650)
[30] FR (01/10247) 2001-07-31

[21] **2,454,095**
[13] A1

[51] **Int.Cl. 7G06F 1/00**
[25] FR
[54] **PROCEDE POUR PROTEGER UN LOGICIEL A L'AIDE D'UN PRINCIPE DIT DE "BRANCHEMENT CONDITIONNEL" CONTRE SON UTILISATION NON AUTORISEE**
[54] **METHOD FOR PROTECTING A SOFTWARE USING A SO-CALLED CONDITIONAL JUMP PRINCIPLE AGAINST ITS UNAUTHORISED USE**
[72] CUENOD, JEAN-CHRISTOPHE, FR
[72] SGRO, GILLES, FR
[71] VALIDY, FR
[85] 2004-01-16
[86] 2002-07-04 (PCT/FR2002/002342)
[87] 2003-02-13 (WO2003/012374)
[30] FR (01/10245) 2001-07-31

[21] **2,454,064**
[13] A1

[51] **Int.Cl. 7A61F 5/00**
[25] EN
[54] **APPARATUS AND METHOD FOR TREATING CARPAL TUNNEL SYNDROME**
[54] **DISPOSITIF ET PROCEDE POUR LE TRAITEMENT DU SYNDROME DU CANAL CARPIEN**
[72] PORRATA, ALEJANDRO A., US
[72] PORRATA, HUMBERTO L., US
[71] M.D. BROTHERS, INC., US
[85] 2004-01-16
[86] 2002-06-19 (PCT/US2002/023154)
[87] 2003-01-30 (WO2003/007804)
[30] US (09/908,154) 2001-07-18

Demandes PCT entrant en phase nationale

[21] **2,454,117**
[13] A1

[51] **Int.Cl. 7H04B 7/216**
[25] EN
[54] **SYSTEM AND METHOD FOR INDIVIDUALIZED BROADCASTS ON A GENERAL USE BROADCAST FREQUENCY**
[54] **SYSTEME ET PROCEDE POUR DES DIFFUSIONS INDIVIDUALISEES SUR UNE FREQUENCE DE RADIODIFFUSION D'UTILISATION GENERALE**
[72] BAY, F. M., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2004-01-16
[86] 2002-07-16 (PCT/US2002/022552)
[87] 2003-01-30 (WO2003/009495)
[30] US (09/904,911) 2001-07-16

[21] **2,454,130**
[13] A1

[51] **Int.Cl. 7G04G 1/00 7G06F 3/00 7G04G 17/00 7G06F 1/16**
[25] EN
[54] **HAND WORN INPUT DEVICE**
[54] **COMMANDE MANUELLE D'UN DISPOSITIF MULTIFONCTIONNEL, SITUEE SUR UNE SEULE ET MEME MAIN**
[72] YANG, JONG H., US
[71] THE TIMBERLAND COMPANY, US
[85] 2004-01-21
[86] 2002-07-30 (PCT/US2002/024109)
[87] 2003-02-13 (WO2003/012615)
[30] US (09/919,668) 2001-07-31

[21] **2,454,133**
[13] A1

[51] **Int.Cl. 7C12Q 1/70**
[25] EN
[54] **ISOLATION OF MEMBRANE BOUND LIGAND-SPECIFIC COMPLEXES**
[54] **ISOLATION DE COMPLEXES SPECIFIQUES DE LIGANDS LIES A LA MEMBRANE**
[72] CHALLITA-EID, PIA M., US
[72] JAKOBOVITS, AYA, US
[71] AGENSYS, INC., US
[85] 2004-01-21
[86] 2002-07-29 (PCT/US2002/024116)
[87] 2003-02-13 (WO2003/012047)
[30] US (60/308,655) 2001-07-27
[30] US (09/932,166) 2001-08-17

[21] **2,454,154**
[13] A1

[51] **Int.Cl. 7A61B 17/34**
[25] EN
[54] **RADIALLY DILATABLE PERCUTANEOUS ACCESS APPARATUS WITH INTRODUCER SEAL IN HANDLE**
[54] **APPAREIL ET PROCEDE PERMETTANT DE PRATIQUER UN ACCES PERCUTANE VERS UN SITE CHIRURGICAL CIBLE ET D'ENVOYER UN MEDICAMENT VERS CE SITE**
[72] SMITH, ROBERT C., US
[72] WENCHELL, THOMAS, US
[71] TYCO HEALTHCARE GROUP LP, US
[85] 2004-01-21
[86] 2002-07-31 (PCT/US2002/024308)
[87] 2003-02-13 (WO2003/011154)
[30] US (60/309,252) 2001-08-01

[21] **2,454,183**
[13] A1

[51] **Int.Cl. 7C07H 21/02 7A01K 67/00 7C07H 21/04 7A61K 31/70**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR RNAI MEDIATED INHIBITION OF GENE EXPRESSION IN MAMMALS**
[54] **METHODES ET COMPOSITIONS POUR L'INHIBITION INDUITE PAR L'ARNI DE L'EXPRESSION GENETIQUE CHEZ DES MAMMIFERES**
[72] MCCAFFREY, ANTON, US
[72] KAY, MARK, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2004-01-16
[86] 2002-07-19 (PCT/US2002/022869)
[87] 2003-02-06 (WO2003/010180)
[30] US (60/307,411) 2001-07-23
[30] US (60/360,664) 2002-02-27

[21] **2,454,205**
[13] A1

[51] **Int.Cl. 7A24D 3/02 7A24D 3/04**
[25] EN
[54] **A METHOD FOR THE MANUFACTURE OF FILTER CIGARETTES**
[54] **METHODE DE FABRICATION DE CIGARETTES A BOUT FILTRE**
[72] SUSILO, BUANA, ID
[72] WONOWIDJOYO, SUSILO, ID
[71] WONOWIDJOYO, SUSILO, ID
[85] 2004-01-13
[86] 2002-08-08 (PCT/IB2002/003179)
[87] 2004-02-08 (WO2004/014162)

[21] **2,454,215**
[13] A1

[51] **Int.Cl. 7C08G 61/12 7C07H 21/00**
[25] EN
[54] **POLYMERS**
[54] **POLYMERES**
[72] HALL, ELIZABETH ANNE HOWLETT, GB
[72] OKOLO, KAWULIA TOLEFE, GB
[71] THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, GB
[85] 2003-07-30
[86] 2002-01-30 (PCT/GB2002/000406)
[87] 2002-08-08 (WO2002/060974)
[30] GB (0102388.6) 2001-01-31

[21] **2,454,248**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C12N 13/00 7C12Q 1/02 7A01H 1/06 7C12N 15/87**
[25] EN
[54] **METHODS OF CREATING GENETIC DIVERSITY**
[54] **PROCEDES DESTINES A CREER UNE DIVERSITE GENETIQUE**
[72] BURET, FRANCOIS, FR
[72] SIMONET, PASCAL, FR
[72] AURIOL, PHILIPPE, FR
[72] VOGEL, TIMOTHY, FR
[72] NALIN, RENAUD, FR
[72] DEMANECHÉ, SANDRINE, FR
[72] BERTOLLA, FRANCK, FR
[71] LIBRAGEN, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[71] ECOLE CENTRALE DE LYON, FR
[71] UNIVERSITE CLAUDE BERNARD LYON I, FR
[85] 2004-01-15
[86] 2002-07-17 (PCT/EP2002/007946)
[87] 2003-01-30 (WO2003/008572)
[30] EP (01401944.2) 2001-07-19

[21] **2,454,262**
[13] A1

[51] **Int.Cl. 7F02C 3/13 7F02C 7/00 7F02C 3/107 7F02C 6/20 7F02C 7/36**
[25] EN
[54] **GAS TURBINE**
[54] **TURBINE A GAZ**
[72] JAKADOFISKY, PETER, AT
[71] JAKADOFISKY, PETER, AT
[85] 2004-01-26
[86] 2002-07-16 (PCT/AT2002/000209)
[87] 2003-02-06 (WO2003/010425)
[30] AT (A 1150/2001) 2001-07-24

PCT Applications Entering the National Phase

[21] **2,454,270**
[13] A1

[51] **Int.Cl. 7F16J 15/08**
[25] FR
[54] **JOINT D'ETANCHEITE METALLIQUE ELASTIQUE**
[54] **ELASTIC METAL GASKET**
[72] ROUAUD, CHRISTIAN, FR
[72] CAPLAIN, PHILIPPE, FR
[71] CEFILAC, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[85] 2004-01-16
[86] 2002-04-22 (PCT/FR2002/001372)
[87] 2002-10-31 (WO2002/086357)
[30] FR (01/05427) 2001-04-23

[21] **2,454,274**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/08**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSMITTING DATA FROM A FIRST DATA NETWORK INTO A SECOND DATA NETWORK**
[54] **PROCEDE ET SYSTEME POUR LA TRANSMISSION DE DONNEES D'UN PREMIER RESEAU DE DONNEES DANS UN DEUXIEME RESEAU DE DONNEES**
[72] FALLY, GERHARD, AT
[72] JURKOVICS, RICHARD, AT
[72] MORELJ, ROBERT, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-01-16
[86] 2002-07-10 (PCT/EP2002/007675)
[87] 2003-02-06 (WO2003/010929)
[30] EP (01116763.2) 2001-07-20

[21] **2,454,275**
[13] A1

[51] **Int.Cl. 7A61K 38/29 7A61P 5/18 7C07K 14/365**
[25] EN
[54] **CONFORMATIONALLY CONSTRAINED PARATHYROID HORMONE (PTH) ANALOGS**
[54] **ANALOGUES D'HORMONE PARATHYROIDE (PTH) A CONTRAINTE CONFORMATIONNELLE**
[72] GARDELLA, THOMAS J., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2004-01-19
[86] 2002-07-19 (PCT/US2002/022922)
[87] 2003-02-06 (WO2003/009804)
[30] US (60/306,866) 2001-07-23
[30] US (60/326,212) 2001-10-02

[21] **2,454,276**
[13] A1

[51] **Int.Cl. 7C12N 5/06 7A61P 25/00 7C12Q 1/02 7C12N 5/08 7A61K 35/30**
[25] EN
[54] **NEURAL PROGENITOR CELLS**
[54] **NEUROSPHERES DERIVEES DU FACTEUR DE CROISSANCE HUMAIN DERIVE DES PLAQUETTES (PDGF) DEFINISSANT UNE NOUVELLE CLASSE DE CELLULES PROGENITRICES**
[72] CHOJNACKI, ANDREW, K., CA
[72] WEISS, SAMUEL, CA
[71] STEM CELL THERAPEUTICS INC., CA
[85] 2004-01-19
[86] 2002-04-26 (PCT/CA2002/000587)
[87] 2002-11-07 (WO2002/088330)
[30] US (60/287,214) 2001-04-27
[30] US (60/307,070) 2001-07-20

[21] **2,454,277**
[13] A1

[51] **Int.Cl. 7C12P 19/02 7C12N 9/90**
[25] EN
[54] **PROCESS FOR MANUFACTURING OF TAGATOSE**
[54] **PROCEDE SERVANT A PREPARER TAGATOSE**
[72] CHRISTENSEN, HANS JOERGEN SINGEL, DK
[72] BOETTCHER, KAREN, DK
[72] JOERGENSEN, FLEMMING, DK
[72] HANSEN, OLE CAI, DK
[72] STOUGAARD, PETER, DK
[72] ERIKNAUER, KRISTIAN, DK
[72] BERTELSEN, HANS, DK
[71] ARLA FOODS AMBA, DK
[85] 2004-01-16
[86] 2002-07-15 (PCT/DK2002/000497)
[87] 2003-01-30 (WO2003/008617)
[30] DK (PA 2001 01114) 2001-07-16
[30] US (60/305,155) 2001-07-16
[30] US (09/905,108) 2001-07-16

[21] **2,454,279**
[13] A1

[51] **Int.Cl. 7D04H 1/42 7A41D 31/00**
[25] EN
[54] **FLAMEPROOF YARNS AND FABRICS, THEIR PREPARATION AND USE FOR THE MANUFACTURING OF FLAMEPROOF, HEAT RESISTANT, AND INSULATING PRODUCTS**
[54] **FILS ET TOILES IGNIFUGES, LEUR PRODUCTION ET LEUR UTILISATION POUR LA REALISATION DE PRODUITS IGNIFUGES, RESISTANTS A LA CHALEUR, ET ISOLANTS**
[72] MONTINI, LEONARDO, IT
[71] EOS S.R.L., IT
[85] 2004-01-16
[86] 2002-07-17 (PCT/EP2002/007950)
[87] 2003-01-30 (WO2003/008689)
[30] IT (FI01A000136) 2001-07-18

[21] **2,454,280**
[13] A1

[51] **Int.Cl. 7B08B 15/02 7F24F 9/00 7B08B 5/02 7B08B 17/02**
[25] EN
[54] **FUME CUPBOARD**
[54] **HOTTE FERMEE**
[72] GAERTNER, ULRICH, DE
[72] LIEBSCH, JUERGEN, DE
[71] WALDNER LABOREINRICHTUNGEN GMBH & CO., DE
[85] 2004-01-23
[86] 2002-08-14 (PCT/EP2002/009141)
[87] 2003-03-27 (WO2003/024631)
[30] DE (101 46 000.7) 2001-09-18

[21] **2,454,307**
[13] A1

[51] **Int.Cl. 7C12N 15/13 7A61P 37/08 7C07K 16/28 7A61K 39/395**
[25] EN
[54] **HUMAN TYPE ANTIHUMAN IGE RECEPTOR ANTIBODY AND ANTIBODY FRAGMENT**
[54] **ANTICORPS DE RECEPTEUR IGE ANTIHUMAIN DE TYPE HUMAIN ET FRAGMENT D'ANTICORPS**
[72] NAKASHIMA, TOSHIHIRO, JP
[72] SUGIMURA, KAZUHISA, JP
[72] TORIKAI, MASAHARU, JP
[71] JURIDICAL FOUNDATION THE CHEMO-SERO THERAPEUTICAL RESEARCH INSTITUTE, JP
[85] 2004-01-16
[86] 2002-07-18 (PCT/JP2002/007283)
[87] 2003-01-30 (WO2003/008584)
[30] JP (2001-219990) 2001-07-19

Demandes PCT entrant en phase nationale

[21] **2,454,310**
[13] A1

[51] **Int.Cl. 7H01L 29/872 7H01L 29/88**
[25] EN
[54] **GALLIUM NITRIDE BASED DIODES WITH LOW FORWARD VOLTAGE AND LOW REVERSE CURRENT OPERATION**
[54] **DIODES A BASE DE NITRURE DE GALLIUM A TENSION DIRECTE BASSE ET A FAIBLE COURANT INVERSE**
[72] MISHRA, UMESH, US
[72] PARIKH, PRIMIT, US
[71] CREE, INC., US
[85] 2004-01-23
[86] 2002-07-08 (PCT/US2002/021702)
[87] 2003-03-27 (WO2003/026021)
[30] US (09/911,155) 2001-07-23

[21] **2,454,314**
[13] A1

[51] **Int.Cl. 7B21D 28/34**
[25] EN
[54] **ADJUSTABLE LENGTH PUNCH ASSEMBLY**
[54] **ENSEMBLES POINCON A LONGUEUR REGLABLE**
[72] PELOQUIN, WAYNE F., US
[72] TIMP, RICHARD L., US
[72] SHULDES, GLEN M., US
[72] ROSENE, RONALD G., US
[72] RUNK, DAVID M., US
[71] WILSON TOOL INTERNATIONAL, INC., US
[85] 2004-01-16
[86] 2002-04-12 (PCT/US2002/011446)
[87] 2002-12-27 (WO2002/102528)
[30] US (09/884,237) 2001-06-19

[21] **2,454,319**
[13] A1

[51] **Int.Cl. 7C12P 19/34 7C07H 21/02**
[25] EN
[54] **MULTI-SITE MUTAGENESIS**
[54] **MUTAGENESE MULTISITE**
[72] HOGREFE, HOLLY H., US
[72] CLINE, JANICE M., US
[71] STRATAGENE, US
[85] 2004-01-22
[86] 2002-07-18 (PCT/US2002/022759)
[87] 2003-03-27 (WO2003/025118)
[30] US (60/307,927) 2001-07-26

[21] **2,454,334**
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04M 1/247**
[25] FR
[54] **PROCEDE POUR DEMARRER UNE APPLICATION A L'AIDE D'UNE STATION MOBILE**
[54] **METHOD FOR LAUNCHING AN APPLICATION WITH A MOBILE STATION**
[72] CHOW-TOUN, RAYMOND, CH
[71] TELCLIC LIMITED, IR
[85] 2004-01-22
[86] 2002-03-01 (PCT/CH2002/000129)
[87] 2003-02-06 (WO2003/010985)
[30] CH (1384/01) 2001-07-25
[30] CH (1484/01) 2001-08-10

[21] **2,454,342**
[13] A1

[51] **Int.Cl. 7A01N 61/00 7A61K 51/00 7C07H 19/207 7A01N 43/60**
[25] EN
[54] **METHODS, COMPOSITIONS AND KITS RELATING TO CHITINASES AND CHITINASE-LIKE MOLECULES AND INFLAMMATORY DISEASE**
[54] **PROCEDES, COMPOSITIONS ET NECESSAIRES RELATIFS A DES MOLECULES CHITINASES ET DE TYPE CHITINASE AINSI QU'A DES MALADIES INFLAMMATOIRES**
[72] ZHU, ZHOU, US
[72] ELIAS, JACK A., US
[71] YALE UNIVERSITY, US
[85] 2004-01-19
[86] 2002-07-23 (PCT/US2002/023516)
[87] 2003-02-06 (WO2003/009808)
[30] US (60/307,432) 2001-07-24

[21] **2,454,354**
[13] A1

[51] **Int.Cl. 7A61B 18/18**
[25] EN
[54] **POLYPECTOMY DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE POLYPECTOMIE**
[72] MOLLENAUER, KENNETH, US
[72] DE LA TORRE, ROGER A., US
[71] STARION INSTRUMENTS CORPORATION, US
[85] 2004-01-23
[86] 2002-07-26 (PCT/US2002/023833)
[87] 2003-03-27 (WO2003/024348)
[30] US (09/916,356) 2001-07-27
[30] US (09/917,104) 2001-07-27

[21] **2,454,368**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 21/00 7G01N 33/53 7G01N 33/58**
[25] EN
[54] **A RAPID AND SENSITIVE PROXIMITY-BASED ASSAY FOR THE DETECTION AND QUANTIFICATION OF DNA BINDING PROTEINS**
[54] **DOSAGE RAPIDE ET SENSIBLE BASE SUR LA PROXIMITE PERMETTANT DE DETECTER ET DE QUANTIFIER DES PROTEINES DE LIAISON**
[72] HEYDUK, TOMASZ, US
[71] SAINT LOUIS UNIVERSITY, US
[85] 2004-01-19
[86] 2002-08-02 (PCT/US2002/024822)
[87] 2003-09-25 (WO2003/078449)
[30] US (09/928,385) 2001-08-13

[21] **2,454,372**
[13] A1

[51] **Int.Cl. 7C12N 9/02 7C11C 1/00 7A01H 1/00 7C12N 15/53 7C12P 7/64 7C12Q 1/68**
[25] EN
[54] **FATTY ACID DESATURASE GENE OBTAINED FROM POMEGRANATE AND METHOD FOR THE PRODUCTION OF UNSATURATED FATTY ACIDS**
[54] **GENE DE LA DESATURASE D'ACIDES GRAS ISSU DE LA GRENADE ET PROCEDE DE PRODUCTION D'ACIDES GRAS INSATURES**
[72] FEUSSNER, IVO, DE
[72] PERNSTICH, CHRISTIAN, DE
[72] HORNUNG, ELLEN, DE
[72] RENZ, ANDREAS, DE
[71] BASF PLANT SCIENCE GMBH, DE
[85] 2004-01-19
[86] 2002-07-09 (PCT/EP2002/007611)
[87] 2003-02-13 (WO2003/012091)
[30] DE (101 34 660.3) 2001-07-20

PCT Applications Entering the National Phase

[21] **2,454,375**
[13] A1
[51] **Int.Cl. 7A61M 5/178**
[25] EN
[54] **TUNNELER-NEEDLE COMBINATION FOR TUNNELED CATHETER PLACEMENT**
[54] **COMBINAISON DE PERFORATEUR ET AIGUILLE POUR LE POSITIONNEMENT D'UN CATHETER PERFORE**
[72] TAL, MICHAEL, US
[71] YALE UNIVERSITY, US
[85] 2004-01-19
[86] 2002-07-17 (PCT/US2002/022767)
[87] 2003-01-30 (WO2003/008020)
[30] US (60/306,063) 2001-07-17

[21] **2,454,383**
[13] A1
[51] **Int.Cl. 7A01H 1/00 7A01H 4/00 7A01H 5/00**
[25] EN
[54] **MONOCOTYLEDONOUS PLANT TRANSFORMATION**
[54] **TRANSFORMATION DE PLANTE A MONOCOTYLEDONES**
[72] GROF, CHRISTOPHER PETER LESLIE, AU
[72] SMITH, GRANT RICHARD, AU
[72] BERDING, NILS, AU
[72] LAKSHMANAN, PRAKASH, AU
[72] GEIJSKES, ROBERT JASON, AU
[72] ELLIOTT, ADRIAN ROSS, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL, AU
[71] BUREAU OF SUGAR EXPERIMENT STATIONS, AU
[71] SUGAR RESEARCH & DEVELOPMENT CORPORATION, AU
[85] 2003-05-12
[86] 2001-11-09 (PCT/AU2001/001454)
[87] 2002-05-16 (WO2002/037951)
[30] AU (PR 1431) 2000-11-10

[21] **2,454,386**
[13] A1
[51] **Int.Cl. 7E04D 13/00**
[25] EN
[54] **DIVERSION SYSTEM AND METHOD**
[54] **SYSTEME DE DEFLEXION ET PROCEDE ASSOCIE**
[72] WALTERS, ARNOLD BRUCE, US
[71] SENOX CORPORATION, US
[85] 2003-12-05
[86] 2002-06-07 (PCT/US2002/017998)
[87] 2002-12-19 (WO2002/101171)
[30] US (09/880,412) 2001-06-12

[21] **2,454,387**
[13] A1
[51] **Int.Cl. 7B60C 13/00 7B60C 15/00 7B60C 19/00 7B60C 15/02 7B60C 3/04 7B60C 3/06**
[25] FR
[54] **PNEUMATIQUE AYANT DES FLANCS DISSYMETRIQUES ET RENFORCES**
[54] **TYRE WITH NON SYMMETRICAL REINFORCED SIDEWALLS**
[72] MUHLHOFF, OLIVIER, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2004-01-19
[86] 2002-07-17 (PCT/EP2002/007953)
[87] 2003-02-06 (WO2003/010011)
[30] FR (01/09966) 2001-07-25

[21] **2,454,389**
[13] A1
[51] **Int.Cl. 7A61K 47/38 7A61K 35/74**
[25] FR
[54] **COMPOSITION SOLIDE CONTENANT DES SPORES DE BACTERIES NON PATHOGENES DU GENRE BACILLUS**
[54] **SOLID COMPOSITION CONTAINING BACILLUS-TYPE NON-PATHOGENIC BACTERIAL SPORES**
[72] PRATO, TIZIANO, IT
[71] SANOFI-SYNTHELABO OTC S.P.A., IT
[85] 2004-01-19
[86] 2002-07-26 (PCT/EP2002/008384)
[87] 2003-02-13 (WO2003/011341)
[30] IT (MI2001A001632) 2001-07-27

[21] **2,454,397**
[13] A1
[51] **Int.Cl. 7C12N 7/01 7A61K 48/00 7C12N 5/10 7A61K 39/205 7C12N 15/63 7A61K 31/7088 7A61K 35/76 7C12N 15/85**
[25] EN
[54] **ATTENUATED RABIES VIRUS WITH NUCLEOPROTEIN MUTATION AT THE PHOSPHORYLATION SITE FOR VACCINATION AGAINST RABIES AND GENE THERAPY IN THE CNS**
[54] **VIRUS RABIQUE ATTENUUE PAR MUTATION NUCLEOPROTEIQUE AU NIVEAU D'UN SITE DE PHOSPHORYLATION PERMETTANT D'OBTENIR UN VACCIN CONTRE LA RAGE ET THERAPIE GENIQUE DANS LE SYSTEME NERVEUX CENTRAL**
[72] FU, ZHEN FANG, US
[71] THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[85] 2004-01-19
[86] 2002-07-22 (PCT/US2002/023108)
[87] 2003-06-05 (WO2003/046506)
[30] US (60/331,354) 2001-07-20

[21] **2,454,400**
[13] A1
[51] **Int.Cl. 7E04H 12/16 7E04H 12/10 7H01Q 1/12 7E04H 12/20**
[25] FR
[54] **PYLONE MONOTUBE HAUBANNE POUR SUPPORT D'ANTENNES DE TELECOMMUNICATIONS**
[54] **GUYED SINGLE-TUBE PYLON FOR SUPPORTING COMMUNICATIONS ANTENNAE**
[72] GONG, KE, FR
[72] STARCK, PHILIPPE, FR
[72] GENDRE, XAVIER, FR
[72] ESCOT, GERARD, FR
[71] ESCOT TELECOM, FR
[85] 2004-01-19
[86] 2002-06-14 (PCT/FR2002/002072)
[87] 2002-12-27 (WO2002/103139)
[30] FR (01/08367) 2001-06-19

Demandes PCT entrant en phase nationale

[21] **2,454,402**
[13] A1

[51] **Int.Cl. 7A61B 17/70**
[25] FR
[54] **DISPOSITIF DE LIAISON INTERVERTEBRAL**
[54] **INTERVERTEBRAL LINKING DEVICE**
[72] GRAF, HENRY, FR
[71] SDGI HOLDINGS, INC., US
[85] 2004-01-19
[86] 2002-07-19 (PCT/FR2002/002593)
[87] 2003-02-06 (WO2003/009737)
[30] FR (0109773) 2001-07-20

[21] **2,454,421**
[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61K 48/00 7A61K 49/00 7A61P 15/08**
[25] EN
[54] **USE OF LONG PENTRAXIN PTX3 FOR TREATING FEMALE INFERTILITY**
[54] **UTILISATION DE LONGUE PENTRAXINE PTX3 AUX FINS DE TRAITEMENT DE L'INFERTILITE FEMELLE**
[72] MANTOVANI, ALBERTO, IT
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT
[85] 2004-01-20
[86] 2002-07-18 (PCT/IT2002/000473)
[87] 2003-02-13 (WO2003/011326)
[30] US (60/309,472) 2001-08-03

[21] **2,454,423**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHOD AND REAGENTS FOR IDENTIFYING GENE TARGETS FOR TREATING BREAST CANCER**
[54] **PROCEDES ET DES REACTIFS D'IDENTIFICATION DES GENES CIBLES EN VUE DU TRAITEMENT DU CANCER DU SEIN**
[72] PRIMIANO, THOMAS, US
[72] CHANG, BEY-DIH, US
[72] RONINSON, IGOR B., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2004-01-20
[86] 2002-07-19 (PCT/US2002/022868)
[87] 2003-01-30 (WO2003/007884)
[30] US (60/306,730) 2001-07-20
[30] US (PCT/US02/06254) 2002-02-28

[21] **2,454,427**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 45/00 7C12P 21/02 7C12Q 1/02 7C07K 16/28 7G01N 33/566 7C12N 15/63 7C07K 14/705**
[25] EN
[54] **A NOVEL G PROTEIN-COUPLED RECEPTOR, GAVE8**
[54] **NOUVEAU RECEPTEUR COUPLE AUX PROTEINES G, GAVE8**
[72] ARDATI, ALI, US
[72] SANDRASAGRA, ANTHONY, US
[72] CAI, JIDONG, US
[72] EISHINGDRELO, HAIFENG, US
[71] AVENTIS PHARMACEUTICALS INC., US
[85] 2004-01-20
[86] 2002-07-19 (PCT/US2002/023208)
[87] 2003-01-30 (WO2003/008560)
[30] US (60/306,434) 2001-07-20
[30] GB (0125704.7) 2001-10-26

[21] **2,454,470**
[13] A1

[51] **Int.Cl. 7G01N 33/543**
[25] EN
[54] **ASSAYS FOR DETECTING, IDENTIFYING AND/OR QUANTIFYING CONTAMINANTS WITH LIPOSOMES**
[54] **DOSAGES DESTINES A IDENTIFIER ET/OU QUANTIFIER DES CONTAMINANTS, ET COMPOSITIONS UTILISEES POUR CES DOSAGES**
[72] BELLEMARE, FRANCOIS, CA
[71] LABBELL INC., CA
[85] 2004-01-20
[86] 2002-07-23 (PCT/CA2002/001139)
[87] 2003-02-06 (WO2003/010543)
[30] CA (2,353,687) 2001-07-23

[21] **2,454,474**
[13] A1

[51] **Int.Cl. 7E02B 1/00 7E02F 3/88**
[25] EN
[54] **METHOD AND APPARATUS FOR CLEANING A WATER AREA**
[54] **PROCEDE ET APPAREIL POUR NETTOYER UN PLAN D'EAU**
[72] HAPPONEN, ANTTI, FI
[71] HAPPONEN, ANTTI, FI
[85] 2004-01-20
[86] 2002-07-17 (PCT/FI2002/000639)
[87] 2003-02-06 (WO2003/010388)
[30] FI (20011581) 2001-07-27

[21] **2,454,481**
[13] A1

[51] **Int.Cl. 7H04Q 7/00**
[25] EN
[54] **METHOD FOR DETERMINING WHETHER TO PERFORM LINK ADAPTATION IN WCDMA COMMUNICATIONS**
[54] **PROCEDE PERMETTANT DE DETERMINER SI REALISER UNE ADAPTATION DE LIAISON DANS DES COMMUNICATIONS WCDMA**
[72] HAEMAELAEINEN, SEPPO, FI
[71] NOKIA CORPORATION, FI
[85] 2004-01-20
[86] 2002-07-19 (PCT/IB2002/002839)
[87] 2003-02-06 (WO2003/010979)
[30] US (09/912,227) 2001-07-24

[21] **2,454,485**
[13] A1

[51] **Int.Cl. 7A01N 43/56 7C07D 401/04 7C07D 413/14**
[25] EN
[54] **ARTHROPODICIDAL ANTHRANILAMIDES**
[54] **ANTHRANILAMIDES ARTHROPODICIDES**
[72] SELBY, THOMAS PAUL, US
[72] LAHM, GEORGE PHILIP, US
[72] STEVENSON, THOMAS MARTIN, US
[71] E.I. DU PONT DE NEMOURS, US
[85] 2004-01-20
[86] 2002-08-13 (PCT/US2002/025615)
[87] 2003-02-27 (WO2003/015519)
[30] US (60/311,919) 2001-08-13
[30] US (60/324,128) 2001-09-21
[30] US (60/369,661) 2002-04-02

PCT Applications Entering the National Phase

[21] **2,454,488**
[13] A1
[51] **Int.Cl. 7A01N 47/36 7A01N 43/08**
7A01N 41/10 7A01N 47/12 7A01N 33/22
7A01N 47/24 7A01N 47/30 7A01N 37/32
7A01N 47/38 7A01N 43/40 7A01N 43/64
7A01N 43/653 7A01N 43/70 7A01N 43/80
7A01N 43/824 7A01N 43/90
[25] EN
[54] **HERBICIDE COMBINATIONS**
COMPRISING SPECIFIC
SULFONYLUREAS
[54] **COMBINAISONS HERBICIDES**
CONTENANT DES SULFONYLUREES
SPECIFIQUES
[72] HACKER, ERWIN, DE
[72] BIERINGER, HERMANN, DE
[72] HUFF, HANS PHILIPP, DE
[71] BAYER CROPSCIENCE GMBH, DE
[85] 2004-01-20
[86] 2002-07-12 (PCT/EP2002/007781)
[87] 2003-02-27 (WO2003/015520)
[30] DE (101 35 642.0) 2001-07-21

[21] **2,454,490**
[13] A1
[51] **Int.Cl. 7C12P 21/00 7C12M 1/00**
7C12N 15/00 7B81B 7/02
[25] EN
[54] **CHEMICAL ERACTION CIRCUIT**
FOR CELL-FREE PROTEIN
SYNTHESIS
[54] **CIRCUIT DE REACTION**
CHIMIQUE POUR SYNTHESE
ACELLULAIRE DE PROTEINES
[72] IKUTA, KOJI, JP
[71] JAPAN SCIENCE AND
TECHNOLOGY CORPORATION, JP
[85] 2004-01-19
[86] 2002-01-18 (PCT/JP2002/000320)
[87] 2003-01-30 (WO2003/008620)
[30] JP (2001-219478) 2001-07-19

[21] **2,454,495**
[13] A1
[51] **Int.Cl. 7D01F 6/92 7D21F 1/00 7C08L**
67/02 7D01F 1/10 7C08K 5/13 7C08K 5/29
7C08K 5/527
[25] EN
[54] **STABILISED POLYESTER**
COMPOSITIONS AND
MONOFILAMENTS THEREOF FOR
USE IN PAPERMACHINE CLOTHING
AND OTHER INDUSTRIAL FABRICS
[54] **COMPOSITIONS DE POLYESTER**
STABILISE ET MONOFILAMENTS
FABRIQUES A PARTIR DE CES
COMPOSITIONS, DESTINES A UNE
UTILISATION DANS L'HABILLAGE DE
MACHINES A PAPIER ET AUTRES
TISSUS INDUSTRIELS
[72] PATEL, SANJAY, US
[72] VALENTINE, CRAIG STUART, US
[72] ZHANG, HEPING, US
[71] VOITH FABRICS HEIDENHEIM
GMBH & CO. KG, DE
[85] 2004-01-20
[86] 2002-07-19 (PCT/IB2002/003292)
[87] 2003-02-06 (WO2003/010370)
[30] GB (0117830.0) 2001-07-21

[21] **2,454,502**
[13] A1
[51] **Int.Cl. 7B64D 11/00 7B60N 3/00**
[25] EN
[54] **PIVOTING TRAY TABLE**
ASSEMBLY
[54] **ENSEMBLE DE TABLE-PLATEAU**
PIVOTANT
[72] KAZUHIDE, KONYA, US
[71] THE BOEING COMPANY, US
[85] 2004-01-19
[86] 2002-06-14 (PCT/US2002/019192)
[87] 2003-02-13 (WO2003/011690)
[30] US (09/917,351) 2001-07-27

[21] **2,454,505**
[13] A1
[51] **Int.Cl. 7E06B 3/677 7B23B 41/00**
7B28D 1/14 7G01M 3/20
[25] EN
[54] **PRODUCING AND SERVICING**
INSULATING GLASS UNITS
[54] **PRODUCTION ET ENTRETIEN**
D'UNITES DE VITRAGE ISOLANT
[72] HERRON, BERNARD J., US
[72] TRPKOVSKI, PAUL, US
[71] CARDINAL IG COMPANY, US
[85] 2004-01-19
[86] 2002-06-20 (PCT/US2002/019585)
[87] 2003-01-03 (WO2003/001016)
[30] US (60/299,862) 2001-06-21
[30] US (10/118,853) 2002-04-09

[21] **2,454,512**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **PROVIDING MARKETING**
DECISION SUPPORT
[54] **FOURNITURE D'UNE AIDE A LA**
DECISION DE MARKETING
[72] ALLISON, NEIL K., US
[72] DULL, STEPHEN F., US
[71] ACCENTURE GLOBAL SERVICES
GMBH, CH
[85] 2004-01-19
[86] 2002-07-17 (PCT/US2002/022720)
[87] 2003-01-30 (WO2003/009199)
[30] US (09/909,955) 2001-07-20

[21] **2,454,524**
[13] A1
[51] **Int.Cl. 7H04N 13/00 7A61B 1/00**
7H04N 15/00
[25] EN
[54] **METHOD AND DEVICE FOR**
IMAGE DISPLAY
[54] **PROCEDE ET DISPOSITIF**
D'AFFICHAGE D'IMAGES
[72] OLSSON, KENT, SE
[71] CK MANAGEMENT AB UB, SE
[85] 2004-01-20
[86] 2002-07-23 (PCT/SE2002/001407)
[87] 2003-02-06 (WO2003/010977)
[30] SE (0102584-0) 2001-07-23

[21] **2,454,533**
[13] A1
[51] **Int.Cl. 7G02B 6/26**
[25] EN
[54] **METHOD FOR COUPLING LIGHT**
INTO CLADDING-PUMPED FIBER
SOURCES USING AN EMBEDDED
MIRROR
[54] **PROCEDE DE COUPLAGE DE**
RAYONNEMENT LUMINEUX DANS
DES SOURCES DE FIBRES A
POMPAGE DE GAINÉ PAR
UTILISATION D'UN MIROIR INTEGRE
[72] KOPLOW, JEFFREY, US
[71] THE GOVERNMENT OF THE
UNITED STATES OF AMERICA, AS
REPRESENTED BY THE SECRETARY OF
THE NAVY, US
[85] 2004-01-20
[86] 2002-07-23 (PCT/US2002/021291)
[87] 2003-02-06 (WO2003/010579)
[30] US (09/910,807) 2001-07-24

Demandes PCT entrant en phase nationale

[21] **2,454,534**
[13] A1
[51] **Int.Cl. 7B65G 35/06 7B65G 43/10**
[25] EN
[54] **PRODUCTION PLANT FOR ASSEMBLING AND/OR PROCESSING COMPONENTS TRANSPORTED ON WORKPIECE SUPPORTS**
[54] **EQUIPEMENT DE FABRICATION ET/OU DE TRAITEMENT DE COMPOSANTS TRANSPORTES SUR DES PORTE-PIECES**
[72] HEIML, ROLAND, AT
[72] STIMPL, FRANZ, AT
[72] STICHT, WALTER, AT
[71] STIWA-FERTIGUNGSTECHNIK STICHT GESELLSCHAFT M.B.H., AT
[85] 2004-01-20
[86] 2002-03-05 (PCT/AT2002/000067)
[87] 2002-09-19 (WO2002/072453)
[30] AT (A 375/2001) 2001-03-09

[21] **2,454,535**
[13] A1
[51] **Int.Cl. 7B60N 2/00 7B60R 21/01**
[25] EN
[54] **SEAT TRACK ASSEMBLY FOR A MOTOR VEHICLE HAVING AN INTEGRATED POSITION SENSOR**
[54] **ENSEMBLE DE RAILS DE SIEGE DESTINE A UN VEHICULE A MOTEUR DOTE D'UN CAPTEUR DE POSITION INTEGRE**
[72] TOKARZ, STEPHEN P., US
[72] VENTURA, KEVIN J., US
[71] INTIER AUTOMOTIVE INC., CA
[85] 2004-01-19
[86] 2002-07-18 (PCT/US2002/022974)
[87] 2003-01-30 (WO2003/008227)
[30] US (60/306,347) 2001-07-18

[21] **2,454,536**
[13] A1
[51] **Int.Cl. 7F04B 39/16**
[25] EN
[54] **A MOISTURE SEPARATION DEVICE FOR COMPRESSED AIR**
[54] **DISPOSITIF DE SEPARATION D'HUMIDITE POUR L'AIR COMPRI ME**
[72] CHEN, PO-HUEI, CN
[71] LEE, JACK, XX
[85] 2004-01-20
[86] 2002-07-10 (PCT/CN2002/000490)
[87] 2003-01-23 (WO2003/006829)
[30] CN (01231352.1) 2001-07-12

[21] **2,454,538**
[13] A1
[51] **Int.Cl. 7C07D 215/22 7A61P 35/00 7C07D 401/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7A61K 31/47 7A61K 31/4709 7A61K 31/496 7A61K 31/517 7A61K 31/5377 7C07D 239/86**
[25] EN
[54] **QUINOLINE DERIVATIVE AND QUINAZOLINE DERIVATIVE INHIBITING SELF-PHOSPHORYLATION OF HEPATOCYTUS PROLIFERATOR RECEPTOR, AND MEDICINAL COMPOSITION CONTAINING THE SAME**
[54] **DERIVE DE QUINOLEINE ET DERIVE DE QUINOLEINE PERMETTANT D'INHIBER L'AUTO-PHOSPHORYLATION DU RECEPTEUR DES PROLIFERATEURS DES HEPATOCYTES, AINSI QUE DES COMPOSITIONS MEDICINALES CONTENANT CE DERIVE**
[72] OSAWA, TATSUSHI, JP
[72] NAKAMURA, KAZUHIDE, JP
[72] NISHITOBA, TSUYOSHI, JP
[72] MIWA, ATSUSHI, JP
[72] FUJIWARA, YASUNARI, JP
[72] SENGU, TERUFUMI, JP
[71] KIRIN BEER KABUSHIKI KAISHA, JP
[85] 2004-01-21
[86] 2002-06-21 (PCT/JP2002/006239)
[87] 2003-01-03 (WO2003/000660)
[30] JP (2001-190238) 2001-06-22

[21] **2,454,542**
[13] A1
[51] **Int.Cl. 7A01N 43/90 7C07D 239/00 7C07D 249/00 7C07D 487/04**
[25] EN
[54] **7-AMINO TRIAZOLOPYRIMIDINES FOR CONTROLLING HARMFUL FUNGI**
[54] **7-AMINO-TRIAZOLOPYRIMIDINES POUR LA LUTTE CONTRE DES CHAMPIGNONS NUISIBLES**
[72] TORMO I BLASCO, JORDI, DE
[72] SCHAEFER, PETER, DE
[72] ROSE, INGO, DE
[72] SCHIEWECK, FRANK, DE
[72] GYPSER, ANDREAS, DE
[72] SAUTER, HUBERT, DE
[72] STRATHMANN, SIEGFRIED, DE
[72] RHEINHEIMER, JOACHIM, DE
[72] AMMERMANN, EBERHARD, DE
[72] LORENZ, GISELA, DE
[72] GEWEHR, MARKUS, DE
[72] MUELLER, BERND, DE
[72] STIERL, REINHARD, DE
[72] GRAMMENOS, WASSILIOS, DE
[72] GROTE, THOMAS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-01-20
[86] 2002-07-16 (PCT/EP2002/007893)
[87] 2003-02-06 (WO2003/009687)
[30] DE (101 36 118.1) 2001-07-26

[21] **2,454,543**
[13] A1
[51] **Int.Cl. 7C07D 491/04 7A61P 25/16 7A61P 25/18 7A61K 31/4184**
[25] EN
[54] **2-(AMINOMETHYL)-TETRAHYDRO-9-OXA-1,3-DIAZACYCLOPENTA[A]NAPHTHALENYL DERIVATIVES WITH ANTIPSYCHOTIC ACTIVITY**
[54] **DERIVES DE 2-(AMINOMETHYL)-TETRAHYDRO-9-OXA-1,3-DIAZACYCLOPENTA[A]NAPHTHALENYLE A ACTIVITE ANTIPSYCHOTIQUE**
[72] ZHAO, RULIN, US
[72] MEWSHAW, RICHARD ERIC, US
[71] WYETH, US
[85] 2004-01-19
[86] 2002-07-19 (PCT/US2002/022981)
[87] 2003-01-30 (WO2003/008419)
[30] US (60/306,931) 2001-07-20

PCT Applications Entering the National Phase

[21] **2,454,545**
[13] A1

[51] **Int.Cl. 7C07D 491/04 7C07D 235/00 7C07D 311/00 7A61P 25/18 7A61K 31/4188**
[25] EN
[54] **2-(AMINOMETHYL)-TETRAHYDRO-9-OXA-1,3-DIAZACYCLOPENTA[A]NAPHTHALENYL DERIVATIVES WITH ANTIPSYCHOTIC ACTIVITY**
[54] **DERIVES DE 2-(AMINOMETHYL)-TETRAHYDRO-9-OXA-1,3-DIAZACYCLOPENTA[A]NAPHTHALENYLE A ACTIVITE ANTIPSYCHOTIQUE**
[72] ZHAO, RULIN, US
[72] MEWSHAW, RICHARD ERIC, US
[71] WYETH, US
[85] 2004-01-19
[86] 2002-07-19 (PCT/US2002/022995)
[87] 2003-01-30 (WO2003/008420)
[30] US (60/306,930) 2001-07-20

[21] **2,454,547**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **EVALUATING AN ORGANIZATION'S LEVEL OF SELF-REPORTING**
[54] **EVALUATION DU NIVEAU D'AUTO-VERIFICATION D'UNE ORGANISATION**
[72] EVANS, PAUL JAMES, GB
[72] LINGWOOD, JANICE MARY, GB
[72] CANTOS, ANDREW HOWARD, US
[72] ASHTON, PHILIP PRIESTLY, GB
[72] WATSON, ANNETTE, AU
[71] PRICEWATERHOUSECOOPERS LLP, US
[71] PRICEWATERHOUSECOOPERS, GB
[85] 2004-01-20
[86] 2002-07-24 (PCT/US2002/024232)
[87] 2003-02-06 (WO2003/010635)
[30] US (60/307,482) 2001-07-24
[30] US (10/080,846) 2002-02-22

[21] **2,454,549**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **BUSINESS VALUATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'EVALUATION D'ENTREPRISE**
[72] ADHIKARI, MANOJ C., US
[71] ADHIKARI TECHNOLOGY, INC., US
[85] 2004-01-19
[86] 2002-07-19 (PCT/US2002/023036)
[87] 2003-01-30 (WO2003/009104)
[30] US (60/306,630) 2001-07-19

[21] **2,454,553**
[13] A1

[51] **Int.Cl. 7D21F 7/00 7D21G 9/00**
[25] EN
[54] **PULL-ON LEADER**
[54] **SYSTEME DE TIRAGE**
[72] JOSEF, MICHAEL J., US
[71] ALBANY INTERNATIONAL CORP., US
[85] 2004-02-02
[86] 2003-06-04 (PCT/US2003/017650)
[87] 2003-12-21 (WO2004/001125)
[30] US (10/177,821) 2002-06-21

[21] **2,454,563**
[13] A1

[51] **Int.Cl. 7C12P 19/18 7C08B 37/02 7A23L 1/054 7C12P 19/08 7C12N 9/10 7C12N 1/20 7C12N 1/21 7C12N 15/52**
[25] EN
[54] **GLUCANS AND GLUCANSUCRASES DERIVED FROM LACTIC ACID BACTERIA**
[54] **NOUVEAUX GLUCANES ET NOUVELLES GLUCANE-SUCRASES DERIVES DE BACTERIES D'ACIDE LACTIQUE**
[72] VAN GEEL-SCHUTTEN, GERRITDINA HENDRIKA, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2004-01-20
[86] 2002-07-22 (PCT/NL2002/000495)
[87] 2003-01-30 (WO2003/008618)
[30] EP (01202752.0) 2001-07-20
[30] EP (01202841.1) 2001-07-25

[21] **2,454,564**
[13] A1

[51] **Int.Cl. 7A61K 31/495 7C07D 295/088**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 2-(2-(4-(BIS(4-FLUOROPHENYL)METHYL)-PIPERAZIN-1-YL)ETHOXY)ACETIC ACID DERIVATIVES OR CORRESPONDING SALT FORMS THEREOF AND INTERMEDIATES THEREFOR**
[54] **PROCEDE DE FABRICATION DE DERIVES D'ACIDES 2-(2-(4-(BIS(4-FLUOROPHENYL)METHYL)-PIPERAZINE-1-YL)ETHOXY)ACETIQUES OU DE SELS DE CES COMPOSES ET INTERMEDIAIRES CORRESPONDANTS**
[72] SURTEES, JOHN, BE
[72] DIOUF, OUSMANE, FR
[71] UCB, S.A., BE
[85] 2004-01-20
[86] 2002-07-22 (PCT/EP2002/008157)
[87] 2003-02-06 (WO2003/009849)
[30] EP (01118131.0) 2001-07-26

[21] **2,454,567**
[13] A1

[51] **Int.Cl. 7B01D 53/22 7B01D 69/14**
[25] EN
[54] **GAS SEPARATION MEMBRANE WITH ORGANOSILICON-TREATED MOLECULAR SIEVES**
[54] **MEMBRANE DE SEPARATION DE GAZ AVEC TAMIS MOLECULAIRES ORGANOSILICIQUES**
[72] KULKARNI, SUDHIR S., US
[72] HASSE, DAVID J., US
[72] CORBIN, DAVID R., US
[72] PATEL, ASPI N., US
[71] L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2004-01-20
[86] 2002-09-16 (PCT/IB2002/003801)
[87] 2003-04-03 (WO2003/026775)
[30] US (09/960,194) 2001-09-21

Demandes PCT entrant en phase nationale

[21] **2,454,569**
[13] A1

[51] **Int.Cl. 7C02F 1/52 7B01D 21/08**
7C02F 1/56
[25] EN
[54] **AGGREGATION PRECIPITATION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE PRECIPITATION D'AGGREGATION**
[72] SUZUKI, KEN, JP
[72] TATEISHI, NAOHIRO, JP
[72] KOSANDA, SAKAE, JP
[72] FUJIHASHI, TOMOICHI, JP
[72] HATA, KENJI, JP
[72] HINUMA, HIROTOSHI, JP
[71] EBARA CORPORATION, JP
[85] 2004-01-20
[86] 2003-06-06 (PCT/JP2003/007196)
[87] 2003-12-18 (WO2003/104151)
[30] JP (2002-165205) 2002-06-06

[21] **2,454,571**
[13] A1

[51] **Int.Cl. 7H03K 3/64**
[25] EN
[54] **SYSTEM AND METHOD FOR REAL-TIME OBSERVATION ASSESSMENT**
[54] **SYSTEME ET PROCEDE D'EVALUATION D'OBSERVATION EN TEMPS REEL**
[72] ADAMS, NICOLE, US
[72] GUNN, KENNETH, US
[72] BERGER, LAWRENCE, US
[72] GUNN, GREGORY, US
[72] LYNN, ELIZABETH, US
[72] STEWART, JOHN, US
[72] MARKOVITS, ANOUK, US
[71] WIRELESS GENERATION, INC., US
[85] 2004-01-20
[86] 2002-07-18 (PCT/US2002/022705)
[87] 2003-01-30 (WO2003/009474)
[30] US (60/305,887) 2001-07-18

[21] **2,454,576**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **THIRD PARTY CARD VALIDATION OVER NETWORK FOR ECOMMERCE**
[54] **SYSTEME DE VERIFICATION D'ECHANGES DE CONTRE-VALEURS PAR PRESENTATION DE CARTE EN LIGNE**
[72] ABBOTT, MICHAEL J., US
[72] JOHNSTON, THOMAS S., US
[72] ALTHOFF, OLIVER T., US
[71] FLEET CREDIT CARD SERVICES, LLP., US
[85] 2004-01-20
[86] 2002-05-07 (PCT/US2002/014474)
[87] 2003-01-30 (WO2003/009246)
[30] US (09/910,256) 2001-07-20

[21] **2,454,577**
[13] A1

[51] **Int.Cl. 7H05B 6/80 7G21G 1/00**
7H05B 6/78
[25] EN
[54] **MICROWAVE DESORBER FOR REMOVING CONTAMINANTS FROM RESIN**
[54] **DESORBEUR MICRO-ONDE**
[72] SIMPSON, KEVIN J., US
[72] STRAHAN, JIM, US
[72] BILLINGSLEY, STEVE, US
[72] SPISAK, JOHN, US
[72] HODGE, PHILIP M., US
[72] AYKANIAN, ARTHUR A., US
[71] AMERICAN PURIFICATION, INC., US
[85] 2004-01-20
[86] 2002-07-18 (PCT/US2002/022878)
[87] 2003-01-30 (WO2003/009646)
[30] US (60/306,816) 2001-07-20

[21] **2,454,579**
[13] A1

[51] **Int.Cl. 7G06F 11/30 7H04L 9/00**
[25] EN
[54] **WEB-BASED COMMUNICATIONS ADDRESSING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ADRESSAGE DE COMMUNICATIONS WEB**
[72] HALL, ROBERT J., US
[71] ZOETICS, INC., US
[85] 2004-01-20
[86] 2002-06-12 (PCT/US2002/018389)
[87] 2002-12-27 (WO2002/103523)
[30] US (09/884,646) 2001-06-19

[21] **2,454,582**
[13] A1

[51] **Int.Cl. 7B43K 19/16**
[25] EN
[54] **CRAYON MAKER**
[54] **APPAREIL DE FABRICATION DE CRAYONS**
[72] CZIRAKY, DAVID A., US
[71] BINNEY & SMITH INC., US
[85] 2004-01-20
[86] 2002-10-29 (PCT/US2002/034677)
[87] 2003-06-19 (WO2003/049954)
[30] US (10/017,830) 2001-12-07

[21] **2,454,584**
[13] A1

[51] **Int.Cl. 7A61K 45/00 7C07C 405/00**
7A61P 19/08 7A61P 19/10 7C07D 207/24
7C07D 263/24 7C07D 207/27 7A61K 31/559
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT OF DISEASES ASSOCIATED WITH DECREASE IN BONE MASS COMPRISING EP4 AGONIST AS ACTIVE INGREDIENT**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN AGONISTE DE EP4 EN TANT QUE PRONCIPE ACTIF DESTINEE AU TRAITEMENT DES MALADIES ASSOCIEES A UNE PERTE DE LA MASSE OSSEUSE**
[72] KAMBE, TOHRU, JP
[72] NISHIURA, AKIO, JP
[72] MARUYAMA, TAKAYUKI, JP
[72] YOSHIDA, HIDEYUKI, JP
[72] ABE, NOBUTAKA, JP
[72] KOBAYASHI, KAORU, JP
[72] MARUYAMA, TORU, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[85] 2004-01-21
[86] 2002-07-22 (PCT/JP2002/007385)
[87] 2003-02-06 (WO2003/009872)
[30] JP (2001-222148) 2001-07-23
[30] JP (2001-239895) 2001-08-07
[30] JP (2002-56449) 2002-03-01

PCT Applications Entering the National Phase

[21] **2,454,585**
[13] A1

[51] **Int.Cl. 7G06K 19/06 7G06K 7/10**
[25] EN
[54] **DIRECT MARKING OF PARTS WITH ENCODED SYMBOLOGY METHOD, APPARATUS AND SYMBOLOGY**
[54] **MARQUAGE DIRECT DE PARTIES AVEC UN PROCEDE DE SYMBOLOGIE CODEE, APPAREIL ET SYMBOLOGIE**
[72] MANN, STEPHANIE, US
[72] ROXBY, DONALD L., US
[71] ROBOTIC VISION SYSTEMS, INC., US
[85] 2004-01-21
[86] 2001-07-20 (PCT/US2001/023033)
[87] 2002-01-31 (WO2002/009018)
[30] US (09/620,541) 2000-07-22

[21] **2,454,586**
[13] A1

[51] **Int.Cl. 7A61M 5/50**
[25] EN
[54] **SINGLE-USE SYRINGE**
[54] **SERINGUE A USAGE UNIQUE**
[72] POPOVSKY, FRANK, AU
[71] AFRA DESIGN PTY LIMITED, AU
[85] 2004-01-22
[86] 2001-10-30 (PCT/AU2001/001391)
[87] 2003-02-06 (WO2003/009891)
[30] AU (PR 6575) 2001-07-26

[21] **2,454,587**
[13] A1

[51] **Int.Cl. 7A61K 39/395 7C07K 16/00**
[25] EN
[54] **STABLE LYOPHILIZED PHARMACEUTICAL FORMULATION OF IGG ANTIBODIES**
[54] **FORMULATION PHARMACEUTIQUE LYOPHILISEE STABLE D'ANTICORPS IGG**
[72] GUPTA, SUPRIYA, US
[72] FLORES-NATE, ALENI, US
[72] KAISHEVA, ELIZABET A., US
[71] PROTEIN DESIGN LABS, INC., US
[85] 2004-01-21
[86] 2002-07-25 (PCT/US2002/024078)
[87] 2003-02-06 (WO2003/009817)
[30] US (60/307,878) 2001-07-25

[21] **2,454,598**
[13] A1

[51] **Int.Cl. 7B60R 21/00**
[25] EN
[54] **AIR BAG SYSTEM HAVING DIFFUSER STRUCTURE**
[54] **SYSTEME DE COUSSIN GONFLABLE A STRUCTURE DE DIFFUSEUR**
[72] TOKUNAGA, SHINYA, JP
[72] OHNO, MITSUYOSHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2004-01-20
[86] 2002-07-22 (PCT/IB2002/002854)
[87] 2003-02-06 (WO2003/010033)
[30] JP (2001-221849) 2001-07-23

[21] **2,454,599**
[13] A1

[51] **Int.Cl. 7B29C 49/16 7B29C 49/78**
[25] FR
[54] **DISPOSITIF DE SOUFFLAGE D'EMBALLAGES**
[54] **CONTAINER BLOWING DEVICE**
[72] STORIONE, SAVINO, CH
[72] JOVER, DANIEL, CH
[71] TECHNOPLAN ENGINEERING S.A., CH
[85] 2004-01-20
[86] 2002-07-18 (PCT/IB2002/002845)
[87] 2003-02-06 (WO2003/009993)
[30] FR (01/09744) 2001-07-20

[21] **2,454,602**
[13] A1

[51] **Int.Cl. 7C07F 5/02 7C08F 2/00 7C08F 4/00**
[25] EN
[54] **SALT OF LEWIS ACID/ACID ADDUCTS AND CATALYST ACTIVATORS THEREFROM**
[54] **SEL D'ACIDE DE LEWIS/ D'ADDUITS ACIDES ET ACTIVEURS DE CATALYSEUR CORRESPONDANTS**
[72] VOGEL, ALEXANDER, US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2004-01-20
[86] 2002-06-04 (PCT/US2002/017722)
[87] 2003-02-06 (WO2003/010171)
[30] US (60/307,246) 2001-07-23

[21] **2,454,604**
[13] A1

[51] **Int.Cl. 7H02J 7/34 7B25B 23/142 7B25B 23/147**
[25] EN
[54] **IMPACT TOOL BATTERY PACK WITH ACOUSTICALLY-TRIGGERED TIMED IMPACT SHUTOFF**
[54] **BLOC DE PILES POUR INSTRUMENT DE CHOC DOTE D'UN INTERRUPTEUR D'IMPACT TEMPORISE A DECLENCHEMENT ACOUSTIQUE**
[72] CARNEY, STEVEN C., US
[72] CRASS, MATTHEW M., US
[71] SNAP-ON TECHNOLOGIES, INC., US
[85] 2004-01-20
[86] 2002-07-15 (PCT/US2002/022317)
[87] 2003-02-06 (WO2003/009969)
[30] US (09/910,539) 2001-07-23

[21] **2,454,606**
[13] A1

[51] **Int.Cl. 7A23L 2/00 7A23L 2/74**
[25] EN
[54] **PROCESS FOR PRODUCING SUGARS AND ACIDS-RICH JUICE AND PHYTOCHEMICAL-RICH JUICE**
[54] **PROCEDE DE PRODUCTION DE JUS ENRICHIS EN SUCRE ET EN ACIDES ET DE JUS ENRICHIS EN ELEMENTS PHYTOCHIMIQUES**
[72] ROSE, LAWRENCE, US
[72] MANTIUS, HAROLD L., US
[71] OCEAN SPRAY CRANBERRIES, INC., US
[85] 2004-01-20
[86] 2002-06-26 (PCT/US2002/020318)
[87] 2003-01-09 (WO2003/001928)
[30] US (09/892,110) 2001-06-26

Demandes PCT entrant en phase nationale

[21] **2,454,607**
[13] A1

[51] **Int.Cl. 7A61F 7/00**
[25] EN
[54] **SYSTEM AND METHOD FOR PATIENT TEMPERATURE CONTROL EMPLOYING TEMPERATURE PROJECTION ALGORITHM**
[54] **SYSTEME ET METHODE DE REGULATION DE LA TEMPERATURE D'UN PATIENT A L'AIDE D'UN ALGORITHME DE PROJECTION DE TEMPERATURE**
[72] YON, STEVE, US
[72] MAGERS, MICHAEL, US
[71] INNERCOOL THERAPIES, INC., US
[85] 2004-03-11
[86] 2002-08-15 (PCT/US2002/025824)
[87] 2003-02-27 (WO2003/015673)
[30] US (60/312,409) 2001-08-15
[30] US (60/316,057) 2001-08-29
[30] US (60/316,922) 2001-08-31
[30] US (60/322,945) 2001-09-14
[30] US (60/328,320) 2001-10-09
[30] US (60/328,259) 2001-10-09
[30] US (60/336,783) 2001-11-07
[30] US (10/117,733) 2002-04-04
[30] US (10/219,874) 2002-08-14

[21] **2,454,608**
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 7/00**
[25] EN
[54] **PROGRAMMING LANGUAGE EXTENSIONS FOR PROCESSING XML OBJECTS AND RELATED APPLICATIONS**
[54] **EXTENSIONS DE LANGAGE DE PROGRAMMATION PERMETTANT DE TRAITER DES OBJETS XML ET APPLICATIONS CORRESPONDANTES**
[72] LUCAS, TERRY L., US
[72] VASILIK, KENNETH ERIC, US
[72] BOSWORTH, ADAM, US
[71] BEA SYSTEMS, INC., US
[85] 2004-01-23
[86] 2002-06-28 (PCT/US2002/020691)
[87] 2003-01-16 (WO2003/005191)
[30] US (09/898,898) 2001-07-02

[21] **2,454,610**
[13] A1

[51] **Int.Cl. 7G06F 13/00**
[25] EN
[54] **PROGRAMMING LANGUAGE EXTENSIONS FOR PROCESSING DATA REPRESENTATION LANGUAGE OBJECTS AND RELATED APPLICATIONS**
[54] **EXTENSIONS LANGAGE DE PROGRAMMATION POUR LE TRAITEMENT D'OBJETS LANGAGE DE REPRESENTATION DE DONNEES, ET APPLICATIONS S'Y RAPPORANT**
[72] LUCAS, TERRY L., US
[72] BOSWORTH, ADAM, US
[72] SCHNEIDER, JOHN C., US
[72] VASILIK, KENNETH ERIC, US
[71] BEA SYSTEMS, INC., US
[85] 2004-01-23
[86] 2002-06-28 (PCT/US2002/020825)
[87] 2003-01-16 (WO2003/005213)
[30] US (60/302,892) 2001-07-02
[30] US (09/898,898) 2001-07-02
[30] US (10/082,800) 2002-02-22

[21] **2,454,611**
[13] A1

[51] **Int.Cl. 7A61L 29/08 7A61L 31/08 7A61L 29/10 7A61L 31/10**
[25] EN
[54] **BIOCOMPATIBLE PHARMACEUTICAL ARTICLES**
[54] **ARTICLES PHARMACEUTIQUES BIOCOMPATIBLES**
[72] MICKLEY, TIMOTHY, US
[72] NAIMARK, WENDY, US
[72] CRANK, JUSTIN, US
[72] PALASIS, MARIA, US
[71] BOSTON SCIENTIFIC LIMITED, BB
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-10-23
[86] 2002-04-26 (PCT/US2002/013287)
[87] 2002-11-07 (WO2002/087650)
[30] US (09/845,092) 2001-04-27

[21] **2,454,612**
[13] A1

[51] **Int.Cl. 7G01S 15/50**
[25] EN
[54] **ULTRASONIC DOPPLER EFFECT SPEED MEASUREMENT**
[54] **MESURE DE LA VITESSE A EFFET DOPPLER ULTRASONORE**
[72] GRZESEK, ROBERT, US
[71] MATTEL, INC., US
[85] 2004-01-20
[86] 2002-09-19 (PCT/US2002/029798)
[87] 2003-11-06 (WO2003/091675)
[30] US (10/131,116) 2002-04-23

[21] **2,454,615**
[13] A1

[51] **Int.Cl. 7A61C 8/00**
[25] EN
[54] **IMPLANT, ARRANGEMENT COMPRISING AN IMPLANT, AND METHOD FOR INSERTING SAID IMPLANT IN BONE TISSUE**
[54] **IMPLANT, AGENCEMENT COMPRENANT UN IMPLANT, ET PROCEDE D'INSERTION DUDIT IMPLANT DANS UN TISSU OSSEUX**
[72] WENDEL, MATS, SE
[72] RASMUSSEN, LARS, SE
[72] HOLMEN, ANDERS, SE
[71] ASTRA TECH AB, SE
[85] 2004-01-22
[86] 2002-08-14 (PCT/SE2002/001458)
[87] 2003-02-27 (WO2003/015654)
[30] SE (0102749-9) 2001-08-15

[21] **2,454,617**
[13] A1

[51] **Int.Cl. 7A61K 6/08 7A61K 6/10**
[25] EN
[54] **HARDENABLE SELF-SUPPORTING STRUCTURES AND METHODS**
[54] **STRUCTURES AUTOPORTANTES DURCISSABLES ET PROCEDES**
[72] ABUELYAMAN, AHMED S., US
[72] MITRA, SUMITA B., US
[72] KARIM, NAIMUL, US
[72] FANSLER, DUANE D., US
[72] NELSON, JAMES M., US
[72] JONES, TODD D., US
[72] LEWANDOWSKI, KEVIN M., US
[72] SALVIEJO-RIVAS, MARCELINO, US
[72] GADDAM, BABU N., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-01-22
[86] 2002-08-15 (PCT/US2002/026123)
[87] 2003-02-27 (WO2003/015720)
[30] US (60/312,355) 2001-08-15

PCT Applications Entering the National Phase

[21] **2,454,622**
[13] A1

[51] **Int.Cl. 7B26D 7/20**
[25] EN
[54] **DEVICE FOR ACCOMMODATING FLAT MATERIALS DURING SEPARATION BY A SEPARATING DEVICE, AND A SEPARATING METHOD**
[54] **DISPOSITIF POUR LOGER DES MATERIAUX PLATS LORS DE LEUR SECTIONNEMENT AU MOYEN D'UN SECTIONNEMENT DE COUPE, ET PROCEDE DE SECTIONNEMENT**
[72] DIEM, REINHARD, DE
[71] DIEM, REINHARD, DE
[85] 2004-01-22
[86] 2002-07-16 (PCT/DE2002/002601)
[87] 2003-02-27 (WO2003/016004)
[30] DE (201 12 006.2) 2001-07-24

[21] **2,454,623**
[13] A1

[51] **Int.Cl. 7B32B 27/08 7B32B 27/36**
[25] EN
[54] **HEAT-SHRINKABLE LAMINATE USEFUL FOR PACKAGING**
[54] **STRATIFIE THERMORETRACTABLE SERVANT D'EMBALLAGE**
[72] KENDIG, TERRANCE D., US
[71] E.I. DU PONT DE NEMOURS, US
[85] 2004-01-22
[86] 2002-08-21 (PCT/US2002/026541)
[87] 2003-02-27 (WO2003/016050)
[30] US (09/933,695) 2001-08-21

[21] **2,454,625**
[13] A1

[51] **Int.Cl. 7C08G 18/63 7C08G 65/26 7C08G 18/40 7C08G 18/50**
[25] EN
[54] **PROCESS TO MANUFACTURE POLYURETHANE PRODUCTS USING POLYMER POLYOLS IN WHICH THE CARRIER POLYOL IS A TERTIARY AMONE BASED POLYOL**
[54] **PROCEDE DE FABRICATION DE PRODUITS EN POLYURETHANNE A PARTIR DE POLYOLS POLYMERES DANS LESQUELS LE MOTIF POLYOL EST UN POLYOL A BASE D'AMINE TERTIAIRE**
[72] WOODS, THOMAS J., CH
[72] HERRINGTON, RONALD M., US
[72] VAN DER WAL, HANNO R., NL
[72] CASATI, FRANCOIS M., FR
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2004-01-22
[86] 2002-08-15 (PCT/US2002/026223)
[87] 2003-02-27 (WO2003/016373)
[30] US (60/312,575) 2001-08-15

[21] **2,454,626**
[13] A1

[51] **Int.Cl. 7H03M 7/30 7H04N 7/24**
[25] EN
[54] **METHOD FOR REDUCED BIT-DEPTH QUANTIZATION**
[54] **PROCEDE POUR LA QUANTIFICATION DE LA PROFONDEUR DE BITS**
[72] KEROFISKY, LOUIS JOSEPH, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2004-01-22
[86] 2002-08-08 (PCT/JP2002/008146)
[87] 2003-02-27 (WO2003/017497)
[30] US (60/311,436) 2001-08-09
[30] US (60/319,018) 2001-11-30
[30] US (10/139,036) 2002-05-02

[21] **2,454,630**
[13] A1

[51] **Int.Cl. 7B65D 5/48**
[25] EN
[54] **CARTON AND INSERT AND BLANK FOR FORMING THE SAME**
[54] **CARTON, ELEMENT INSERE ET EBAUCHES SERVANT A LES FORMER**
[72] AUCLAIR, JEAN-MICHEL, FR
[72] DANIEL, JEAN-YVES, FR
[71] MEADWESTVACO PACKAGING SYSTEMS, LLC, US
[85] 2003-02-10
[86] 2001-08-07 (PCT/US2001/024698)
[87] 2002-02-21 (WO2002/014166)
[30] GB (0019755.8) 2000-08-10

[21] **2,454,644**
[13] A1

[51] **Int.Cl. 7A61K 31/352 7A61P 25/00 7A61P 29/00 7A61P 37/00 7A61K 31/05 7A61K 9/12 7A61K 35/78**
[25] EN
[54] **CANNABINOID LIQUID FORMULATIONS FOR MUCOSAL ADMINISTRATION**
[54] **FORMULATIONS DE CANNABINOIDES LIQUIDES ADMINISTREES PAR LES MUQUEUSES**
[72] WHITTLE, BRIAN ANTHONY, GB
[71] GW PHARMA LIMITED, GB
[85] 2004-02-10
[86] 2003-08-14 (PCT/GB2003/003574)
[87] 2004-02-14 (WO2004/016246)
[30] GB (0218930.6) 2002-08-14
[30] US (10/218,989) 2002-08-14

[21] **2,454,650**
[13] A1

[51] **Int.Cl. 7D06F 33/02 7D06F 39/00 7G08B 1/08**
[25] EN
[54] **SIGNALLING DEVICE FOR THE OPERATING STATE OF AN APPLIANCE**
[54] **DISPOSITIF DE SIGNALISATION DE L'ETAT DE FONCTIONNEMENT D'UN APPAREIL**
[72] EILERS, FRANK, DE
[72] EILERS, PETRA, DE
[71] EILERS, FRANK, DE
[71] EILERS, PETRA, DE
[85] 2004-01-22
[86] 2002-07-27 (PCT/EP2002/008403)
[87] 2003-02-20 (WO2003/014452)
[30] EP (01119010.5) 2001-08-07
[30] DE (101 40 104.3) 2001-08-14
[30] DE (101 49 440.8) 2001-10-07

Demandes PCT entrant en phase nationale

[21] **2,454,651**
[13] A1

[51] **Int.Cl. 7H01S 5/00**
[25] EN
[54] **A DE-TUNED DISTRIBUTED FEEDBACK LASER DIODE**
[54] **DIODE LASER DESACCORDEE A RETROACTION DISTRIBUEE**
[72] UNGAR, JEFFREY E., US
[71] QUINTESSENCE PHOTONICS CORPORATION, US
[85] 2004-01-22
[86] 2003-03-03 (PCT/US2003/006510)
[87] 2003-09-18 (WO2003/077379)
[30] US (60/361,792) 2002-03-04
[30] US (10/377,040) 2003-02-28

[21] **2,454,652**
[13] A1

[51] **Int.Cl. 7B22F 7/02**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING MULTI-MATERIAL POWDER METAL COMPONENTS**
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION DE COMPOSANTS EN POUVRE METALLIQUE DE MATERIAUX MULTIPLES**
[72] CADLE, TERRY M., US
[72] MANDEL, JOEL H., US
[71] GKN SINTER METALS, INC., US
[85] 2004-01-22
[86] 2002-08-02 (PCT/US2002/024497)
[87] 2003-02-20 (WO2003/013768)
[30] US (60/309,893) 2001-08-03

[21] **2,454,653**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR STOCK EXCHANGE LISTED FOREIGN EXCHANGE**
[54] **SYSTEME ET PROCEDE D'ECHANGE DE DEVICES COTES EN BOURSE**
[72] RANZINI, STEPHEN LANGE, US
[71] UNIVERSITY BANK, US
[85] 2004-01-22
[86] 2001-11-14 (PCT/US2001/043552)
[87] 2003-02-20 (WO2003/014996)
[30] US (09/924,005) 2001-08-07

[21] **2,454,654**
[13] A1

[51] **Int.Cl. 7A61K 31/519 7A61P 25/00 7C07D 487/14**
[25] EN
[54] **PHARMACEUTICALLY ACTIVE COMPOUNDS HAVING A TRICYCLIC PYRAZOLOTRIAZOLOPYRIMIDINE RING STRUCTURE AND METHODS OF USE**
[54] **COMPOSES PHARMACEUTIQUEMENT ACTIFS A STRUCTURE CYCLIQUE PYRAZOLOTRIAZOLOPYRIMIDINE TRICYCLIQUE ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] BARALDI, PIER GIOVANNI, IT
[72] BOREA, PIER ANDREA, IT
[71] KING PHARMACEUTICALS RESEARCH & DEVELOPMENT, INC., US
[85] 2004-01-29
[86] 2003-05-30 (PCT/US2003/017313)
[87] 2003-12-11 (WO2003/101455)
[30] US (60/384,809) 2002-05-30

[21] **2,454,655**
[13] A1

[51] **Int.Cl. 7A61B 5/0205**
[25] EN
[54] **APPARATUS FOR MONITORING HEALTH, WELLNESS AND FITNESS**
[54] **APPAREIL POUR CONTROLER LA SANTE, LE BIEN ETRE ET LA FORME**
[72] MOSS, JOHN L., US
[72] KASABACH, CHRISTOPHER D., US
[72] TELLER, ERIC, US
[72] STIVORIC, JOHN M., US
[72] PACIONE, CHRISTOPHER D., US
[71] BODYMEDIA, INC., US
[85] 2004-01-22
[86] 2002-08-01 (PCT/US2002/024552)
[87] 2003-02-20 (WO2003/015005)
[30] US (09/923,181) 2001-08-06

[21] **2,454,656**
[13] A1

[51] **Int.Cl. 7A01N 55/08**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING FUNGAL INFECTIONS**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DES INFECTIONS FONGIQUES**
[72] DROR, YAEL, IL
[72] FREEMAN, AMIHAY, IL
[72] SEGAL, RINA, IL
[71] RAMOT AT TEL AVIV UNIVERSITY LTD., IL
[85] 2004-01-22
[86] 2002-07-23 (PCT/US2002/023252)
[87] 2003-02-06 (WO2003/009689)
[30] US (60/306,857) 2001-07-23

[21] **2,454,657**
[13] A1

[51] **Int.Cl. 7G02C 7/04**
[25] EN
[54] **BIFOCAL CONTACT LENS WITH SECONDARY PRISM**
[54] **LENTILLES DE CONTACT BIFOCALES A PRISME SECONDAIRE**
[72] MANDELL, ROBERT B., US
[71] MANDELL, ROBERT B., US
[85] 2003-11-24
[86] 2002-07-15 (PCT/US2002/022342)
[87] 2003-01-30 (WO2003/009052)
[30] US (09/908,296) 2001-07-17

[21] **2,454,658**
[13] A1

[51] **Int.Cl. 7A61K 47/00 7A23K 1/165 7A23K 1/17**
[25] EN
[54] **METHODS FOR TREATING JOINT INFLAMMATION, PAIN, AND LOSS OF MOBILITY**
[54] **METHODES DE TRAITEMENT D'UNE INFLAMMATION ARTICULAIRE, DES DOULEURS, ET DE PERTE DE LA MOBILITE**
[72] MAZHAR, MOHAMMED, US
[72] CHERUVANKY, RUKMINI, US
[72] MCPEAK, PATRICIA, US
[72] CHERUKURI, REDDY SASTRY V., US
[71] NUTRASTAR, US
[85] 2004-01-22
[86] 2002-07-23 (PCT/US2002/023508)
[87] 2003-02-06 (WO2003/009741)
[30] US (60/307,588) 2001-07-23
[30] US (10/012,270) 2001-11-06

PCT Applications Entering the National Phase

[21] **2,454,660**
[13] A1

[51] **Int.Cl. 7B23Q 11/10**
[25] EN
[54] **MULTISPINDLE MACHINE TOOL AND METHOD OF OPTIMIZING LUBRICANT MIST FLOW FOR EACH SPINDLE OF MULTISPINDLE MACHINE TOOL**
[54] **MACHINE-OUTIL MULTIBROCHES ET PROCEDE D'OPTIMISATION D'UN FLUX DE BRUME LUBRIFIANTE POUR CHAQUE BROCHE DE LADITE MACHINE-OUTIL**
[72] SUGATA, SHINSUKE, JP
[72] MAKIYAMA, TADASHI, JP
[71] HORKOS CORP., JP
[85] 2004-01-22
[86] 2002-08-09 (PCT/JP2002/008205)
[87] 2003-02-20 (WO2003/013786)
[30] JP (2001-243222) 2001-08-10

[21] **2,454,661**
[13] A1

[51] **Int.Cl. 7H04N 5/44 7H04N 5/50 7H04N 5/60**
[25] EN
[54] **METHOD AND SYSTEM FOR CREATING A SUBSET OF ACTIVE CHANNELS**
[54] **PROCEDE ET SYSTEME DE CREATION D'UNE SOUS-SERIE DE CANAUX DE PROGRAMMATION**
[72] LIN, SHU, US
[72] CANG, YONGMEI, US
[71] THOMSON LICENSING S.A., FR
[85] 2004-01-22
[86] 2002-07-25 (PCT/US2002/023711)
[87] 2003-02-13 (WO2003/013136)
[30] US (09/916,903) 2001-07-27

[21] **2,454,662**
[13] A1

[51] **Int.Cl. 7A61F 9/013 7A61F 2/14**
[25] EN
[54] **DEVICE FOR SEPARATING THE EPITHELIUM LAYER FROM THE SURFACE OF THE CORNEA OF AN EYE**
[54] **DISPOSITIF PERMETTANT LA SEPARATION DE LA COUCHE EPITHELIALE DE LA SURFACE DE LA CORNEE D'UN OEIL**
[72] PALLIKARIS, IOANNIS, GR
[72] GINIS, HARILAOS, GR
[71] FOS HOLDING S.A., LU
[85] 2004-01-22
[86] 2002-07-12 (PCT/IB2002/002758)
[87] 2003-02-06 (WO2003/009789)
[30] US (09/911,356) 2001-07-23
[30] US (10/098,167) 2002-03-12

[21] **2,454,664**
[13] A1

[51] **Int.Cl. 7A61K 31/404 7A61P 35/00 7A61K 31/4035**
[25] EN
[54] **CANCER TREATMENT WITH GO6976 AND ITS RELATED COMPOUNDS**
[54] **TRAITEMENT DU CANCER A BASE DE GO6976, Y COMPRIS DES COMPOSES CONNEXES**
[72] LU, ZHIMIN, US
[72] WANG, KEMING, CN
[71] LU, ZHIMIN, US
[71] WANG, KEMING, CN
[85] 2004-01-22
[86] 2002-07-24 (PCT/US2002/023522)
[87] 2003-02-06 (WO2003/009809)
[30] US (09/912,758) 2001-07-24

[21] **2,454,665**
[13] A1

[51] **Int.Cl. 7A61K 9/107 7A61P 9/00 7A61K 31/23**
[25] EN
[54] **MODIFYING THE FATTY ACID COMPOSITION OF CELL MEMBRANES OF ORGANS AND TISSUES**
[54] **MODIFICATION DE LA COMPOSITION D'ACIDES GRAS DE CELLULES MEMBRANAIRES D'ORGANES ET DE TISSUS**
[72] CARPENTIER, YVON, BE
[72] DUPONT, ISABELLE, BE
[71] TARGET HIT SA, BE
[85] 2004-01-22
[86] 2002-07-20 (PCT/EP2002/008121)
[87] 2003-02-06 (WO2003/009828)
[30] EP (01117991.8) 2001-07-25

[21] **2,454,668**
[13] A1

[51] **Int.Cl. 7B29D 22/00 7F16L 59/00 7B32B 15/08**
[25] EN
[54] **THERMALLY INSULATIVE SLEEVE**
[54] **MANCHON THERMO-ISOLANT**
[72] SNYDER, BRIAN M., US
[72] PENDERGAST, PATRICK M., US
[71] FEDERAL-MOGUL POWERTRAIN, INC., US
[85] 2004-01-22
[86] 2002-08-06 (PCT/US2002/024793)
[87] 2003-02-20 (WO2003/013834)
[30] US (60/310,392) 2001-08-06

Demandes PCT entrant en phase nationale

[21] **2,454,671**
[13] A1

[51] **Int.Cl. 7A61K 9/08 7A61K 31/565 7A61K 31/57**
[25] FR
[54] **COMPOSITION PHARMACEUTIQUE POUR L'ADMINISTRATION PAR VOIE NASALE D'ESTRADIOL ET DE NORETHISTERONE**
[54] **PHARMACEUTICAL COMPOSITION FOR NASAL DELIVERY OF ESTRADIOL AND NORETHISTERONE**
[72] VARIN, CLAIRE, FR
[72] FONKNECHTEN, GILLES, FR
[72] TSOUDEROS, YANNIS, FR
[72] WUTHRICH, PATRICK, FR
[71] LES LABORATOIRES SERVIER, FR
[85] 2004-01-19
[86] 2002-07-18 (PCT/FR2002/002561)
[87] 2003-02-27 (WO2003/015751)
[30] FR (01/09654) 2001-07-19

[21] **2,454,672**
[13] A1

[51] **Int.Cl. 7A61F 2/34**
[25] FR
[54] **COTYLE PROTHETIQUE MODULAIRE, ET VIS D'ANCRAGE POUR LA FIXATION D'UN IMPLANT PROTHETIQUE TEL QUE LEDIT COTYLE**
[54] **MODULAR ACETABULAR CUP, AND ANCHORING SCREW FOR FIXING A PROSTHETIC IMPLANT SUCH AS SAID ACETABULAR CUP**
[72] MACARA, FREDERIQUE, FR
[71] MACARA, FREDERIQUE, FR
[85] 2004-01-19
[86] 2002-07-22 (PCT/FR2002/002622)
[87] 2003-02-20 (WO2003/013397)
[30] FR (01/09796) 2001-07-23

[21] **2,454,673**
[13] A1

[51] **Int.Cl. 7A61L 26/00**
[25] EN
[54] **TOPICAL PHARMACEUTICAL FORMULATION**
[54] **FORMULATION PHARMACEUTIQUE TOPIQUE**
[72] BERLAT, ALVIN, US
[71] ADVANCED BIOTECHNOLOGIES, US
[85] 2004-01-22
[86] 2002-07-23 (PCT/GB2002/003387)
[87] 2003-02-06 (WO2003/009877)
[30] US (60/307,548) 2001-07-24

[21] **2,454,675**
[13] A1

[51] **Int.Cl. 7C07J 5/00 7A61P 15/16 7A61K 31/573**
[25] EN
[54] **17ALFA, 21-DIHYDROXYPREGNENE ESTERS AS ANTIANDROGENIC AGENTS**
[54] **ESTERS DE 17ALFA, 21-DIHYDROXYPREGNENE UTILISES COMME AGENTS ANTIANDROGENES**
[72] AJANI, MAURO, IT
[72] MORO, LUIGI, IT
[71] COSMO S.P.A., IT
[85] 2004-01-22
[86] 2002-07-24 (PCT/EP2002/008226)
[87] 2003-02-20 (WO2003/014141)
[30] IT (MI01A001762) 2001-08-10

[21] **2,454,677**
[13] A1

[51] **Int.Cl. 7C08L 61/18 7F16F 15/02 7C08K 5/13 7C08L 61/34**
[25] EN
[54] **RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE**
[72] IMAMURA, TAKAHIRO, JP
[72] SENZAKI, TOSHIHIDE, JP
[71] NIPPON STEEL CHEMICAL CO., LTD., JP
[85] 2004-01-22
[86] 2002-08-01 (PCT/JP2002/007865)
[87] 2003-02-20 (WO2003/014223)
[30] JP (2001-235168) 2001-08-02

[21] **2,454,678**
[13] A1

[51] **Int.Cl. 7C12N 1/00 7B09C 1/10 7C22B 3/18 7C12N 1/20 7C12N 1/24**
[25] EN
[54] **ADAPTATION OF BACTERIA FOR USE IN LEACHING**
[54] **ADAPTATION DE BACTERIES DESTINEES A ETRE UTILISEES DANS UN PROCEDE DE LIXIVIATION**
[72] HUNTER, COLIN JOHN, AU
[72] WILLIAMS, TAMSIN LISA, AU
[71] PACIFIC ORE TECHNOLOGY (AUSTRALIA) LTD., AU
[85] 2004-01-21
[86] 2002-07-19 (PCT/AU2002/000971)
[87] 2003-02-06 (WO2003/010295)
[30] AU (PR 6554) 2001-07-23

[21] **2,454,682**
[13] A1

[51] **Int.Cl. 7C08L 77/00 7C08K 7/04 7C08K 5/09 7H01H 85/153 7C08K 3/34**
[25] EN
[54] **POLYAMIDE RESIN COMPOSITION FOR FUSE ELEMENT AND FUSE ELEMENT**
[54] **COMPOSITION DE RESINE DE POLYAMIDE POUR ELEMENT FUSIBLE ET ELEMENT FUSIBLE**
[72] YAMAZAKI, MASAOKI, JP
[72] ANDOH, HIDEKI, JP
[72] MURAKAMI, IWAO, JP
[72] FUJIMOTO, KOJI, JP
[71] PACIFIC ENGINEERING CORP., JP
[85] 2004-01-22
[86] 2002-08-05 (PCT/JP2002/007946)
[87] 2003-02-20 (WO2003/014225)
[30] JP (2001-239217) 2001-08-07

[21] **2,454,679**
[13] A1

[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **FUEL CELL AMBIENT ENVIRONMENT MONITORING AND CONTROL APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE POUR SURVEILLER ET COMMANDER L'ENVIRONNEMENT AMBIANT D'UNE PILE A COMBUSTIBLE**
[72] DEVAAL, JAKE, CA
[72] DEO, HARVINDRA, CA
[71] BALLARD POWER SYSTEMS INC., CA
[85] 2004-01-21
[86] 2002-07-25 (PCT/CA2002/001151)
[87] 2003-02-06 (WO2003/010841)
[30] US (09/916,241) 2001-07-25

[21] **2,454,681**
[13] A1

[51] **Int.Cl. 7A61P 9/10 7A61K 31/395 7A61K 31/4164 7A61K 31/495 7A61K 31/551**
[25] EN
[54] **MEDICAMENT INHIBITING SODIUM/CALCIUM EXCHANGE SYSTEM**
[54] **MEDICAMENT INHIBANT UN SYSTEME D'ECHANGE SODIUM/CALCIUM**
[72] SATOH, NAOYA, JP
[71] MITSUBISHI PHARMA CORPORATION, JP
[85] 2004-01-22
[86] 2002-07-24 (PCT/JP2002/007486)
[87] 2003-02-06 (WO2003/009897)
[30] JP (2001-224916) 2001-07-25

[21] **2,454,682**
[13] A1

[51] **Int.Cl. 7C08L 77/00 7C08K 7/04 7C08K 5/09 7H01H 85/153 7C08K 3/34**
[25] EN
[54] **POLYAMIDE RESIN COMPOSITION FOR FUSE ELEMENT AND FUSE ELEMENT**
[54] **COMPOSITION DE RESINE DE POLYAMIDE POUR ELEMENT FUSIBLE ET ELEMENT FUSIBLE**
[72] YAMAZAKI, MASAOKI, JP
[72] ANDOH, HIDEKI, JP
[72] MURAKAMI, IWAO, JP
[72] FUJIMOTO, KOJI, JP
[71] PACIFIC ENGINEERING CORP., JP
[85] 2004-01-22
[86] 2002-08-05 (PCT/JP2002/007946)
[87] 2003-02-20 (WO2003/014225)
[30] JP (2001-239217) 2001-08-07

PCT Applications Entering the National Phase

[21] **2,454,683**
[13] A1

[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **FUEL CELL RESUSCITATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE REANIMATION DE LA PILE A COMBUSTIBLE**
[72] UONG, TAN DUC, CA
[72] SKINNER, GEORGE ALEXANDER, CA
[72] SCHEMBRI, CHARLES JOSEPH, CA
[72] WELLS, BRIAN, CA
[72] JAMES, GREGORY A., CA
[72] GIESECKE, BENNO, CA
[71] BALLARD POWER SYSTEMS INC., CA
[85] 2004-01-21
[86] 2002-07-25 (PCT/CA2002/001154)
[87] 2003-02-06 (WO2003/010842)
[30] US (09/916,213) 2001-07-25

[21] **2,454,685**
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/24**
[25] EN
[54] **FUEL CELL PURGING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE PURGE DE PILES A COMBUSTIBLE**
[72] UONG, TAN DUC, CA
[72] SKINNER, GEORGE ALEXANDER, CA
[72] SCHEMBRI, CHARLES JOSEPH, CA
[72] BARTON, RUSSELL HOWARD, CA
[71] BALLARD POWER SYSTEMS INC., CA
[85] 2004-01-21
[86] 2002-07-25 (PCT/CA2002/001155)
[87] 2003-02-06 (WO2003/010845)
[30] US (09/916,211) 2001-07-25

[21] **2,454,687**
[13] A1

[51] **Int.Cl. 7G02B 6/293 7G02B 6/34**
[25] EN
[54] **OPTICAL STRUCTURE FOR THE COMPENSATION OF CHROMATIC DISPERSION**
[54] **STRUCTURE OPTIQUE POUR LA COMPENSATION DE DISPERSION CHROMATIQUE DANS UN SIGNAL LUMINEUX**
[72] PAINCHAUD, YVES, CA
[72] LELIEVRE, SYLVIANE, CA
[72] LACHANCE, RICHARD, CA
[71] TERAXION INC., CA
[85] 2004-01-21
[86] 2002-07-25 (PCT/CA2002/001159)
[87] 2003-02-06 (WO2003/010586)
[30] US (60/307,365) 2001-07-25
[30] CA (2,377,210) 2002-03-18

[21] **2,454,688**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **HIERARCHICAL MULTIPLEXER-BASED INTEGRATED CIRCUIT INTERCONNECT ARCHITECTURE FOR SCALABILITY AND AUTOMATIC GENERATION**
[54] **ARCHITECTURE D'INTERCONNEXIONS DE CIRCUIT INTEGRE BASEE SUR UN MULTIPLEXEUR HIERARCHIQUE POUR EXTENSIBILITE ET PRODUCTION AUTOMATIQUE**
[72] WONG, DALE, US
[72] TOBEY, JOHN D., US
[71] LEOPARD LOGIC, INC., US
[85] 2004-01-22
[86] 2002-07-24 (PCT/US2002/023486)
[87] 2003-02-06 (WO2003/010631)
[30] US (60/307,534) 2001-07-24

[21] **2,454,689**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **AN AUTOMATED TOOL SET FOR IMPROVING OPERATIONS IN AN ECOMMERCE BUSINESS**
[54] **ENSEMBLE OUTIL AUTOMATISE POUR AMELIORER DES OPERATIONS DE COMMERCE ELECTRONIQUE**
[72] HAMILTON, ANDREW, US
[72] PERRAS, FRANCIS A., JR., US
[72] EBERLE, CHRISTINE A., US
[71] ACCENTURE GLOBAL SERVICES GMBH, CH
[85] 2004-01-22
[86] 2002-07-24 (PCT/US2002/023505)
[87] 2003-02-06 (WO2003/010632)
[30] US (09/916,132) 2001-07-25

[21] **2,454,691**
[13] A1

[51] **Int.Cl. 7B65H 19/10**
[25] EN
[54] **MACHINE-DETECTABLE ADHESIVE TAPE**
[54] **BANDE ADHESIVE DETECTABLE PAR MACHINE**
[72] GEBBEKEN, BERNHARD, DE
[72] GASSNER, THOMAS, DE
[72] EIKMEIER, MARKUS, DE
[72] BURMEISTER, AXEL, DE
[72] NAGEL, CHRISTOPH, DE
[71] TESA AG, DE
[85] 2004-01-21
[86] 2001-08-29 (PCT/EP2001/009957)
[87] 2003-03-06 (WO2003/018451)

[21] **2,454,719**
[13] A1

[51] **Int.Cl. 7F02B 31/00**
[25] EN
[54] **COMBUSTION CHAMBER**
[54] **CHAMBRE DE COMBUSTION**
[72] GUI, XINQUN, US
[72] LIU, ZHENGBAI, US
[71] INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC., US
[85] 2004-01-22
[86] 2002-07-18 (PCT/US2002/022765)
[87] 2003-02-06 (WO2003/010423)
[30] US (09/911,265) 2001-07-23
[30] US (09/922,972) 2001-08-06
[30] US (09/933,407) 2001-08-20
[30] US (10/057,545) 2002-01-23
[30] US (10/060,663) 2002-01-30

Demandes PCT entrant en phase nationale

[21] **2,454,720**
[13] A1

[51] **Int.Cl. 7F27B 9/16 7B65G 29/00**
[25] EN
[54] **ROTARY HEARTH FURNACE FOR USE IN THE IRON AND STEEL INDUSTRY**
[54] **FOUR A SOLE TOURNANTE DESTINE A L'INDUSTRIE SIDERURGIQUE**
[72] FACCO, GIUSEPPE, US
[72] BONCI, PAOLA, IT
[71] TECHINT COMPAGNIA TECNICA INTERNAZIONALE S.P.A., IT
[85] 2004-01-22
[86] 2002-07-24 (PCT/EP2002/008328)
[87] 2003-02-06 (WO2003/010476)
[30] IT (MI2001A001595) 2001-07-25

[21] **2,454,724**
[13] A1

[51] **Int.Cl. 7G08B 21/00 7H04B 1/034 7G08B 25/10 7G08B 13/16**
[25] EN
[54] **WIRELESS MICROPHONE FOR USE WITH AN IN-CAR VIDEO SYSTEM**
[54] **MICROPHONE SANS FIL S'UTILISANT AVEC UN SYSTEME VIDEO MONTE A BORD D'UN VEHICULE AUTOMOBILE**
[72] BLANCO, LOUIS W., US
[72] LORENZETTI, LEO, US
[71] MOBILE-VISION INC., US
[85] 2004-01-22
[86] 2002-07-23 (PCT/US2002/023443)
[87] 2003-02-06 (WO2003/010893)
[30] US (09/911,086) 2001-07-23

[21] **2,454,732**
[13] A1

[51] **Int.Cl. 7A61K 31/787 7A61P 3/06 7A61P 3/10 7A61K 31/64 7A61K 31/785**
[25] EN
[54] **DRUGS FOR AMELIORATING POSTCIBAL HYPERGLYCEMIA**
[54] **MEDICAMENTS DESTINES A L'AMELIORATION DE L'HYPERGLYCEMIE POST-PRANDIALE**
[72] OBA, KENZO, JP
[71] MITSUBISHI PHARMA CORPORATION, JP
[85] 2004-02-24
[86] 2002-07-29 (PCT/JP2002/007655)
[87] 2003-02-13 (WO2003/011308)
[30] JP (2001-229087) 2001-07-30

[21] **2,454,722**
[13] A1

[51] **Int.Cl. 7G02B 6/44**
[25] EN
[54] **METHOD OF BRANCHING OPTICAL FIBERS**
[54] **PROCEDE DE BRANCHEMENT DE FIBRES OPTIQUES**
[72] SUN, MAURICE X., US
[72] ALI, SAMMY, US
[72] GROIS, IGOR, US
[72] MAKHLIN, ILYA, US
[71] MOLEX INCORPORATED, US
[85] 2004-01-23
[86] 2002-06-26 (PCT/US2002/020125)
[87] 2003-02-06 (WO2003/010581)
[30] US (09/911,113) 2001-07-23

[21] **2,454,726**
[13] A1

[51] **Int.Cl. 7G07B 17/00**
[25] EN
[54] **SHIPPING SHARED SERVICES POSTAGE INDICIA**
[54] **VIGNETTES D'AFFRANCHISSEMENT DE SERVICES COMMUNS DE LIVRAISON**
[72] MORGAN, PAMELA, US
[72] HURD, JOHN, US
[72] CONNELL, RICHARD A., US
[72] WANISH, PAUL, US
[72] VANTRESA, SCOTT, US
[71] GULLO, JOHN, US
[71] UNITED STATES POSTAL SERVICE, US
[85] 2004-01-22
[86] 2002-07-29 (PCT/US2002/024265)
[87] 2003-02-13 (WO2003/012592)
[30] US (60/307,846) 2001-07-27

[21] **2,454,733**
[13] A1

[51] **Int.Cl. 7B01J 2/20 7B29B 9/10 7B29C 47/30**
[25] EN
[54] **DEVICE FOR PRESSING OUT FLOWABLE SUBSTANCES**
[54] **DISPOSITIF D'EXPULSION PAR COMPRESSION DE SUBSTANCES POUVANT S'ECOULER**
[72] SCHERMUTZKI, KONRAD, DE
[72] GIERKE, STEFAN, DE
[72] KLEINHANS, MATTHIAS, DE
[71] SANTRADE LTD., CH
[85] 2004-01-22
[86] 2002-07-04 (PCT/EP2002/007395)
[87] 2003-02-13 (WO2003/011446)
[30] DE (101 38 333.9) 2001-07-27

[21] **2,454,723**
[13] A1

[51] **Int.Cl. 7H02M 7/48**
[25] EN
[54] **CONTROL SYSTEM FOR A POWER CONVERTER AND METHOD OF CONTROLLING OPERATION OF A POWER CONVERTER**
[54] **SYSTEME DE COMMANDE D'UN CONVERTISSEUR DE COURANT ET PROCEDE DE COMMANDE DU FONCTIONNEMENT D'UN CONVERTISSEUR DE PUISSANCE**
[72] LYNCH, JONATHAN A., US
[72] PETTER, JEFFREY K., US
[71] NORTHERN POWER SYSTEMS, INC., US
[85] 2004-01-22
[86] 2002-07-23 (PCT/US2002/023398)
[87] 2003-02-06 (WO2003/010877)
[30] US (60/307,568) 2001-07-23

[21] **2,454,727**
[13] A1

[51] **Int.Cl. 7B60R 19/18 7B60R 21/34**
[25] EN
[54] **PEDESTRIAN SAFETY SYSTEM HAVING LOWER LEG IMPACT**
[54] **SYSTEME DE SECURITE POUR PIETONS PROTEGEANT LES JAMBES**
[72] RODDY, SEPHEEN R., US
[72] HENDERSON, JACK V., US
[71] DECOMA INTERNATIONAL INC., CA
[85] 2004-01-22
[86] 2002-07-19 (PCT/CA2002/001226)
[87] 2003-02-06 (WO2003/010029)
[30] US (60/307,812) 2001-07-25

PCT Applications Entering the National Phase

[21] **2,454,734**
[13] A1

[51] **Int.Cl. 7C12N 5/06**
[25] EN
[54] **NEW ISOLATED DENDRITIC CELLS, A PROCESS FOR PREPARING THE SAME AND THEIR USE IN PHARMACEUTICAL COMPOSITIONS**
[54] **NOUVELLES CELLULES DENDRITIQUES ISOLEES, PROCEDE DE PREPARATION DE CES CELLULES ET LEUR UTILISATION DANS DES COMPOSITIONS PHARMACEUTIQUES**
[72] ABASTADO, JEAN-PIERRE, FR
[72] BOCCACCIO, CLAIRE, FR
[72] NARDIN, ALESSANDRA, FR
[72] KAISER, ANDREW, FR
[72] JACOD, SYLVIE, FR
[71] I.D.M. IMMUNO-DESIGNED MOLECULES, FR
[85] 2004-01-22
[86] 2002-05-16 (PCT/EP2002/005411)
[87] 2003-02-06 (WO2003/010301)
[30] EP (01402010.1) 2001-07-25

[21] **2,454,735**
[13] A1

[51] **Int.Cl. 7H01L 21/00**
[25] EN
[54] **BONDING OF LIGHT EMITTING DIODES HAVING SHAPED SUBSTRATES AND COLLETS FOR BONDING OF LIGHT EMITTING DIODES HAVING SHAPED SUBSTRATES**
[54] **LIAISON DE DIODES ELECTROLUMINESCENTES A SUBSTRATS FORMES ET PINCES DE LIAISON DE DIODES ELECTROLUMINESCENTES A SUBSTRATS FORMES**
[72] NEGLEY, GERRY, US
[72] ANDREWS, PETER, US
[72] RAFFETTO, MARK, US
[72] EDMOND, JOHN, US
[72] MOHAMMED, ANWAR, US
[72] SLATER, DAVID, US
[72] BHARATHAN, JAYESH, US
[71] CREE, INC., US
[71] CREE MICROWAVE, INC., US
[85] 2004-01-22
[86] 2002-07-22 (PCT/US2002/023067)
[87] 2003-02-06 (WO2003/010798)
[30] US (60/307,234) 2001-07-23
[30] US (10/185,350) 2002-06-27

[21] **2,454,736**
[13] A1

[51] **Int.Cl. 7B24C 5/06**
[25] EN
[54] **AIRLESS BLASTER ARRANGEMENT**
[54] **ENSEMBLE TURBINE DE SABLAGÉ**
[72] ARTMANN, JOSEF, DE
[71] SCHLICK ROTO-JET-MASCHINENBAU GMBH, DE
[85] 2004-01-22
[86] 2002-07-22 (PCT/DE2002/002671)
[87] 2003-02-13 (WO2003/011525)
[30] DE (101 35 845.8) 2001-07-23

[21] **2,454,740**
[13] A1

[51] **Int.Cl. 7G06F 9/445**
[25] EN
[54] **STORAGE MEDIUM ENCODED WITH A SERVER PROGRAM AND METHOD USING SAME**
[54] **SUPPORT D'INFORMATION CODE PAR PROGRAMME SERVEUR, ET PROCEDE D'UTILISATION**
[72] MORGAN, GEORGE J., III, US
[71] EVRESEARCH, LTD., US
[85] 2004-01-22
[86] 2002-07-23 (PCT/US2002/023381)
[87] 2003-02-06 (WO2003/010665)
[30] US (60/307,283) 2001-07-23

[21] **2,454,742**
[13] A1

[51] **Int.Cl. 7G06F 17/21**
[25] EN
[54] **SYSTEM AND PROCESS FOR GATHERING, RECORDING AND VALIDATING REQUIREMENTS FOR COMPUTER APPLICATIONS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE RASSEMBLER, D'ENREGISTRER ET DE VALIDER DES EXIGENCES POUR DES APPLICATIONS INFORMATIQUES**
[72] ALDAMA, PAUL, US
[72] INFANTE, DOMINIC, US
[72] LARKING, STUART, US
[72] KRAVETS, ALEX, US
[72] FAN, BRIAN, US
[72] AMDOUR, LEON, US
[72] MARTIN, MAURICE, US
[72] BRICKLEY, STEPHEN, US
[71] IRISE, INC., US
[85] 2004-01-22
[86] 2002-07-26 (PCT/US2002/023816)
[87] 2003-02-06 (WO2003/010684)
[30] US (60/308,052) 2001-07-26

[21] **2,454,743**
[13] A1

[51] **Int.Cl. 7H01L 33/00 7H01L 51/20 7H01L 51/40**
[25] EN
[54] **METHODS FOR PRODUCING ELECTROLUMINESCENT DEVICES BY SCREEN PRINTING**
[54] **PROCEDES DESTINES A PRODUIRE DES DISPOSITIFS ELECTROLUMINESCENTS PAR SERIGRAPHIE**
[72] EPSTEIN, ARTHUR J., US
[72] WANG, YUNZHANG, US
[71] THE OHIO STATE UNIVERSITY, US
[85] 2004-01-22
[86] 2002-07-01 (PCT/US2002/020965)
[87] 2003-02-13 (WO2003/012885)
[30] US (60/308,276) 2001-07-27

[21] **2,454,744**
[13] A1

[51] **Int.Cl. 7B29C 45/72**
[25] EN
[54] **DEVICE FOR PRODUCING PREFORMS IN BATCH QUANTITIES**
[54] **DISPOSITIF DESTINE A LA REALISATION DISCONTINUE DE PREFORMES**
[72] WEINMANN, ROBERT, CH
[71] NETSTAL-MASCHINEN AG, CH
[85] 2004-01-22
[86] 2002-07-26 (PCT/CH2002/000422)
[87] 2003-02-13 (WO2003/011563)
[30] CH (1399/01) 2001-07-27

[21] **2,454,747**
[13] A1

[51] **Int.Cl. 7B29C 49/48 7B29C 33/30**
[25] EN
[54] **BLOW MOLD DEVICE**
[54] **DISPOSITIF DE MOULAGE PAR SOUFFLAGE**
[72] HORIUCHI, TAKAHARU, JP
[71] A.K. TECHNICAL LABORATORY, INC., JP
[85] 2004-01-22
[86] 2002-07-26 (PCT/JP2002/007629)
[87] 2003-02-13 (WO2003/011570)
[30] JP (2001-231865) 2001-07-31

Demandes PCT entrant en phase nationale

[21] **2,454,748**
[13] A1

[51] **Int.Cl. 7G01F 23/284**
[25] EN
[54] **METHOD FOR EVALUATING THE MEASUREMENT SIGNALS OF A PROPAGATION-TIME BASED MEASUREMENT DEVICE**
[54] **PROCEDE POUR EVALUER LES SIGNAUX DE MESURE D'UN APPAREIL DE MESURE FONCTIONNANT SELON LE PRINCIPE DU TEMPS DE PROPAGATION**
[72] CRAMER, STEFAN, DE
[72] MUELLER, ROLAND, DE
[72] SCHROTH, HERBERT, DE
[71] ENDRESS + HAUSER GMBH + CO.KG, DE
[85] 2004-01-23
[86] 2002-07-26 (PCT/EP2002/008368)
[87] 2003-02-27 (WO2003/016835)
[30] DE (101 36 565.9) 2001-07-27

[21] **2,454,758**
[13] A1

[51] **Int.Cl. 7C08J 3/07 7C09D 175/04 7C08L 75/04 7C08G 18/06 7C08G 18/08 7C08J 3/12 7C08G 18/22 7C08G 18/24 7C08G 18/28**
[25] EN
[54] **IONOMER POLYURETHANE THERMOPLASTIC**
[54] **THERMOPLASTIQUE DE POLYURETHANE IONOMERE**
[72] JULIA BARGES, JOAQUIN, ES
[72] AYUSO PIQUERAS, JOSE, ES
[72] SALVATELLA RADRESA, DANIEL, ES
[72] SESE SOLANO, JOSE, ES
[71] MERQUINSA MERCADOS QUIMICOS S.L., ES
[85] 2004-01-22
[86] 2001-07-27 (PCT/ES2001/000306)
[87] 2003-02-13 (WO2003/011949)

[21] **2,454,759**
[13] A1

[51] **Int.Cl. 7F01C 1/46**
[25] EN
[54] **METHOD FOR INCREASING THE EFFECT TO BE PRODUCED IN A MOTOR, PUMP OR THE LIKE**
[54] **PROCEDE D'AUGMENTATION DE L'EFFET A PRODUIRE DANS UN MOTEUR, UNE POMPE OU ANALOGUE**
[72] RANTALA, VEIKKO KALEVI, FI
[71] RANTALA, VEIKKO KALEVI, FI
[85] 2004-01-22
[86] 2002-07-25 (PCT/FI2002/000646)
[87] 2003-02-13 (WO2003/012259)
[30] FI (20011591) 2001-07-31

[21] **2,454,761**
[13] A1

[51] **Int.Cl. 7G06F 12/14 7H04L 9/32**
[25] EN
[54] **SECURE METHOD AND SYSTEM FOR HANDLING AND DISTRIBUTING DIGITAL MEDIA**
[54] **PROCEDE ET SYSTEME SECURISES POUR TRAITER ET DISTRIBUER DES CONTENUS MULTIMEDIAS**
[72] JOHNSON, HAROLD J., CA
[72] CHOW, STANLEY T., CA
[71] CLOAKWARE CORPORATION, CA
[85] 2004-01-22
[86] 2002-07-26 (PCT/CA2002/001170)
[87] 2003-02-13 (WO2003/012603)
[30] CA (2,354,470) 2001-07-30

[21] **2,454,762**
[13] A1

[51] **Int.Cl. 7A61K 31/437 7C07D 221/00 7C07D 261/00 7C07D 498/04 7A61P 25/16**
[25] EN
[54] **ISOXAZOLOPYRIDINONES AND USE THEREOF IN THE TREATMENT OF PARKINSON'S DISEASE**
[54] **ISOXAZOLOPYRIDINONES**
[72] HINTERMANN, SAMUEL, CH
[72] HENGERER, BASTIAN, DE
[72] VON KROSIGK, ULRIKE, CH
[71] NOVARTIS AG, CH
[85] 2004-01-23
[86] 2002-08-14 (PCT/EP2002/009134)
[87] 2003-02-27 (WO2003/015780)
[30] GB (0119911.6) 2001-08-15

[21] **2,454,769**
[13] A1

[51] **Int.Cl. 7H01J 61/30 7H01J 65/04 7E04F 13/08 7H01J 61/35**
[25] EN
[54] **FLAT DISCHARGE LAMP**
[54] **LAMPE A DECHARGE PLATE**
[72] LECHELER, REINHARD, DE
[72] SCHWEIZER, HERMAN, DE
[72] EBERHARDT, ANGELA, DE
[72] ILMER, MICHAEL, DE
[72] SEIBOLD, MICHAEL, DE
[72] CUSTODIS, UDO, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[85] 2004-01-22
[86] 2002-06-21 (PCT/DE2002/002270)
[87] 2003-02-13 (WO2003/012815)
[30] DE (101 34 965.3) 2001-07-23

[21] **2,454,770**
[13] A1

[51] **Int.Cl. 7D03D 15/00 7A41H 3/00 7A41H 3/08**
[25] EN
[54] **METHOD FOR PRODUCING AIRBAGS**
[54] **PROCEDE POUR PRODUIRE DES AIRBAGS**
[72] HUBER, NORBERT, DE
[72] ESCHBACH, THOMAS, DE
[72] BUSSKAMP, HEINZ, DE
[72] BECKER, MICHAEL, DE
[71] BERGER SEIBA-TECHNOTEX VERWALTUNGS GMBH & CO., DE
[85] 2004-01-22
[86] 2002-09-27 (PCT/EP2002/010851)
[87] 2003-04-10 (WO2003/029540)
[30] DE (101 47 641.8) 2001-09-27

[21] **2,454,773**
[13] A1

[51] **Int.Cl. 7F16B 19/10**
[25] EN
[54] **CLIP**
[54] **FIXATION**
[72] KANIE, HIDEKI, JP
[71] NEWFREY LLC, US
[85] 2004-01-22
[86] 2002-09-26 (PCT/US2002/030659)
[87] 2003-04-10 (WO2003/029663)
[30] JP (2001-301829) 2001-09-28

PCT Applications Entering the National Phase

[21] **2,454,774**
[13] A1

[51] **Int.Cl. 7C07D 237/22 7A61K 31/50**
[25] EN
[54] **POLYMORPH SALT OF A PYRIDAZINONE DERIVATIVE FOR THE TREATMENT OF ARRHYTHMIA**
[54] **SEL POLYMORPHE D'UN DERIVE PYRIDAZINONE SERVANT AU TRAITEMENT DE L'ARYTHMIE**
[72] SZENT KIRALLYI, ZSUZSA, HU
[72] KOTAY NAGY, PETER, HU
[72] SIMIG, GYULA, HU
[72] BARKOCZY, JOZSEF, HU
[71] EGIS GYOGYSZERGYAR RT., HU
[85] 2004-01-22
[86] 2002-07-26 (PCT/HU2002/000076)
[87] 2003-02-06 (WO2003/010150)
[30] HU (P0103064) 2001-07-26

[21] **2,454,777**
[13] A1

[51] **Int.Cl. 7B60J 3/02**
[25] EN
[54] **SUN VISOR**
[54] **PARE-SOLEIL**
[72] OLIVAN AHEDO, CAROLINA, ES
[72] UNANUE MURGUIONDO, INIGO, ES
[71] GRUPO ANTOLIN-INGENIERIA, S.A., ES
[85] 2004-01-22
[86] 2002-06-07 (PCT/ES2002/000278)
[87] 2003-12-18 (WO2003/104004)

[21] **2,454,780**
[13] A1

[51] **Int.Cl. 7B01J 21/04 7B01J 23/00 7C23C 4/04 7C23C 4/06 7C23C 4/10 7B01J 23/10 7B01J 23/14 7B01J 23/16 7B01J 23/32 7B01J 23/38 7B01J 23/40 7B01J 23/42 7B01J 23/44 7B01J 23/46 7B01J 23/48 7B01J 23/50 7B01J 23/52 7B01J 23/62 7B01J 23/63 7B01J 23/64 7B01J 23/656 7B01J 23/66 7B01J 23/68 7B01J 23/70 7B01J 23/72 7B01J 23/755 7B01J 23/76 7B01J 23/83 7B01J 23/835 7B01J 23/84 7B01J 23/889 7B01J 23/89**
[25] EN
[54] **METAL OXIDE AND NOBLE METAL CATALYST COATINGS**
[54] **RETELEMENTS CATALYTIQUES DE METAUX NOBLES ET D'OXYDE METALLIQUE**
[72] HE, TING, US
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2004-01-22
[86] 2002-07-23 (PCT/US2002/023267)
[87] 2003-02-06 (WO2003/009934)
[30] US (09/912,223) 2001-07-24

[21] **2,454,782**
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/24**
[25] EN
[54] **FUEL CELL ANOMALY DETECTION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'ANOMALIE DANS UNE PILE A COMBUSTIBLE**
[72] WELLS, BRIAN, CA
[71] BALLARD POWER SYSTEMS INC., CA
[85] 2004-01-21
[86] 2002-07-25 (PCT/CA2002/001152)
[87] 2003-02-06 (WO2003/010843)
[30] US (09/916,115) 2001-07-25

[21] **2,454,783**
[13] A1

[51] **Int.Cl. 7H04N 5/91 7H04N 5/76 7H04N 9/79**
[25] EN
[54] **RECORDING AND PLAYING BACK MULTIPLE PROGRAMS**
[54] **ENREGISTREMENT ET LECTURE DE MULTIPLES PROGRAMMES**
[72] LIN, SHU, US
[71] THOMSON LICENCING S.A., FR
[85] 2004-01-22
[86] 2002-07-25 (PCT/US2002/023717)
[87] 2003-02-13 (WO2003/013152)
[30] US (09/916,919) 2001-07-27

[21] **2,454,785**
[13] A1

[51] **Int.Cl. 7C07D 471/10 7A61P 1/00 7A61P 23/00 7A61P 43/00 7A61P 3/04 7A61P 25/04 7A61P 11/06 7A61P 11/08 7A61P 15/10 7A61P 7/12 7A61P 11/14 7A61P 25/16 7A61P 25/18 7A61P 25/20 7A61P 25/22 7A61P 25/24 7A61P 25/28 7A61P 25/36 7A61K 31/438**
[25] EN
[54] **4-OXOIMIDAZOLIDINE-2-SPIROPIPERIDINE DERIVATIVE**
[54] **DERIVE DE 4-OXOIMIDAZOLIDINE-2-SPIROPIPERIDINE**
[72] OKAMOTO, OSAMU, JP
[72] HASHIMOTO, MASAYA, JP
[71] BANYU PHARMACEUTICAL CO., LTD., JP
[85] 2004-01-22
[86] 2002-07-18 (PCT/JP2002/007292)
[87] 2003-02-06 (WO2003/010168)
[30] JP (2001-220919) 2001-07-23

[21] **2,454,786**
[13] A1

[51] **Int.Cl. 7A61K 31/05 7A61P 35/00 7A61P 9/10 7C07C 43/23**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING (-)-SECOISOLARICRESINOL**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU (-)-SECOISOLARICRESINOL**
[72] RAGHAVAN, KONDAPURAM VIJAYA, IN
[72] TIWARI, ASHOK KUMAR, IN
[72] KUMAR, UPPARAPALLI SAMPATH, IN
[72] RAO, JANASWAMY MADHUSUDANA, IN
[72] YADAV, JHILLU SINGH, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[85] 2004-01-22
[86] 2001-08-20 (PCT/IN2001/000146)
[87] 2003-03-13 (WO2003/020254)
[30] US (09/917,607) 2001-07-27

[21] **2,454,787**
[13] A1

[51] **Int.Cl. 7D06F 67/04**
[25] EN
[54] **METHOD AND PLANT FOR AUTOMATIC WASHING AND/OR IRONING OF SUBSTANTIALLY FLAT OBJECTS, AND PLANT FOR CARRYING OUT THE METHOD**
[54] **PROCEDE ET INSTALLATION POUR LAVER ET/OU REPASSER AUTOMATIQUEMENT DES OBJETS SENSIBLEMENT PLATS, ET INSTALLATION POUR METTRE EN OEUVRE LE PROCEDE**
[72] KJELLBERG, BENT IVAN, DK
[71] KATVA INVESTMENTS LIMITED, GI
[85] 2004-01-22
[86] 2001-09-11 (PCT/DK2001/000589)
[87] 2002-03-21 (WO2002/022938)
[30] DK (PA 2000 01352) 2000-09-12

Demandes PCT entrant en phase nationale

[21] **2,454,788**
[13] A1

[51] **Int.Cl. 7G06F 9/44**
[25] EN
[54] **AUTOMATED UPGRADING OF MEMORY DATA STRUCTURES**
[54] **MISE A JOUR AUTOMATIQUE DE STRUCTURES DE DONNEES MEMOIRE**
[72] IRIBARNE, STEPHEN PETER, US
[71] TUT SYSTEMS, INC., US
[85] 2004-01-21
[86] 2002-02-06 (PCT/US2002/003935)
[87] 2003-02-06 (WO2003/010661)
[30] US (09/911,593) 2001-07-23

[21] **2,454,790**
[13] A1

[51] **Int.Cl. 7C01F 5/14 7C01F 11/02 7C08L 101/04 7C08K 3/34**
[25] EN
[54] **ALKALINE EARTH METAL-BASIC SILICATE PARTICLE**
[54] **PARTICULE SILICATEE A BASE DE METAL ALCALINO-TERREUX**
[72] ENOKI, HIROSHI, JP
[72] SAKAO, KAZUNORI, JP
[72] KOMATSU, YOSHINOBU, JP
[72] ISHIDA, HITOSHI, JP
[72] NAKAJIMA, JUNICHI, JP
[72] HIGUCHI, KATSUMI, JP
[72] INOUE, KOUJI, JP
[71] MIZUSAWA INDUSTRIAL CHEMICALS, LTD., JP
[85] 2004-01-22
[86] 2002-07-24 (PCT/JP2002/007503)
[87] 2003-02-06 (WO2003/010091)
[30] JP (13-225723) 2001-07-26
[30] JP (13-292402) 2001-09-25

[21] **2,454,793**
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10 7C12N 9/10 7C12N 15/11 7C12N 15/74**
[25] EN
[54] **TRANSFORMATION METHOD FOR OBTAINING MARKER-FREE PLANTS AND PLANTS OBTAINED THEREWITH**
[54] **PROCEDE DE TRANSFORMATION PERMETTANT D'OBTENIR DES PLANTES SANS MARQUEUR ET PLANTES AINSI OBTENUES**
[72] VAN DER MEER, INGRID MARIA, NL
[72] HEERES, PAUL, NL
[72] VISSER, RICHARD GERARDUS FRANCISCUS, NL
[72] DE VETTEN, NICOLAAS CLEMENS MARIA HENRICUS, NL
[72] WOLTERS, ANNA MARIA AGNES, NL
[71] COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVATEN AVEBE B.A., NL
[85] 2004-01-22
[86] 2002-07-26 (PCT/NL2002/000511)
[87] 2003-02-06 (WO2003/010319)
[30] EP (01202878.3) 2001-07-27

[21] **2,454,794**
[13] A1

[51] **Int.Cl. 7E04B 9/12**
[25] EN
[54] **DRYWALL BEAD WITH KNURLED PAPER FLAPS**
[54] **BAGUETTE POUR MUR SEC A RABATS EN PAPIER MOLETES**
[72] HAREL, KENNETH N., US
[71] CONTINUOUS COATING CORPORATION, US
[85] 2004-01-23
[86] 2001-11-09 (PCT/US2001/047403)
[87] 2003-02-27 (WO2003/016648)
[30] US (09/933,229) 2001-08-20

[21] **2,454,795**
[13] A1

[51] **Int.Cl. 7A01N 47/44 7C11D 3/00 7A61L 12/14**
[25] EN
[54] **COMPOSITION AND METHOD FOR INHIBITING UPTAKE OF BIGUANIDE DISINFECTANTS BY POLY(ETHYLENE)**
[54] **COMPOSITION ET PROCEDE PERMETTANT D'INHIBER LA FIXATION DES DESINFECTANTS A BASE DE BIGUANIDE PAR DU POLY(ETHYLENE)**
[72] SMERBECK, RICHARD V., US
[72] DENICK, JOHN JR., US
[72] XIA, ERNING, US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2004-01-21
[86] 2002-07-18 (PCT/US2002/023021)
[87] 2003-02-13 (WO2003/011350)
[30] US (09/916,455) 2001-07-27

[21] **2,454,797**
[13] A1

[51] **Int.Cl. 7H01L 33/00**
[25] EN
[54] **FLIP-CHIP BONDING OF LIGHT EMITTING DEVICES AND LIGHT EMITTING DEVICES SUITABLE FOR FLIP-CHIP BONDING**
[54] **CONNEXION PAR BILLES DE DISPOSITIFS ELECTROLUMINESCENTS ET DISPOSITIFS ELECTROLUMINESCENTS CONCUS POUR UNE TELLE CONNEXION**
[72] NEGLEY, GERRY, US
[72] ANDREWS, PETER, US
[72] EDMOND, JOHN, US
[72] MOHAMMED, ANWAR, US
[72] RAFFETTO, MARK, US
[72] SLATER, DAVID, US
[72] BHARATHAN, JAYESH, US
[71] CREE, INC., US
[71] CREE MICROWAVE, INC., US
[85] 2004-01-21
[86] 2002-07-22 (PCT/US2002/023120)
[87] 2003-02-06 (WO2003/010833)
[30] US (60/307,311) 2001-07-23
[30] US (10/185,252) 2002-06-27

PCT Applications Entering the National Phase

[21] **2,454,798**
[13] A1

[51] **Int.Cl. 7B25B 27/00**
[25] EN
[54] **GASKET TOOL FOR HOSE COUPLINGS**
[54] **OUTIL DE JOINT POUR RACCORDS DE TUYAUTERIE**
[72] LUMMIS, MARK G., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2004-01-22
[86] 2002-07-17 (PCT/US2002/022644)
[87] 2003-02-06 (WO2003/009970)
[30] US (60/307,300) 2001-07-23

[21] **2,454,799**
[13] A1

[51] **Int.Cl. 7C07J 17/00 7A61P 35/00**
[25] EN
[54] **NOVEL DAMMARANE SAPOGENINS, THEIR USE AS ANTI-CANCER AGENTS, AND A PROCESS FOR PRODUCING SAME**
[54] **NOUVELLES SAPOGENINES DAMMARANES, LEUR UTILISATION COMME AGENTS ANTICANCEREUX ET LEUR PROCEDE DE PRODUCTION**
[72] HUANG, DONG, CA
[72] QI, DONG FENG, CN
[71] PANAGIN PHARMACEUTICALS INC., CA
[85] 2004-01-23
[86] 2002-07-24 (PCT/CA2002/001173)
[87] 2003-02-06 (WO2003/010182)
[30] US (09/910,887) 2001-07-24
[30] US (09/982,018) 2001-10-19

[21] **2,454,800**
[13] A1

[51] **Int.Cl. 7D03D 11/00 7D03D 1/02**
[25] EN
[54] **METHOD FOR MANUFACTURING AIRBAG FABRICS**
[54] **FABRICATION DE TISSUS DE COUSSINS GONFLABLES DE SECURITE**
[72] BECKER, MICHAEL, DE
[72] HUBER, NORBERT, DE
[72] ESCHBACH, THOMAS, DE
[72] TRONDLE, BIRGIT, DE
[71] BERGER SEIBA-TECHNOTEX VERWALTUNGS GMBH & CO., DE
[85] 2004-01-22
[86] 2002-08-06 (PCT/EP2002/008764)
[87] 2003-03-20 (WO2003/023102)
[30] DE (101 42 130.3) 2001-08-30

[21] **2,454,801**
[13] A1

[51] **Int.Cl. 7B60P 7/13**
[25] EN
[54] **CARRIER FOR A TRAILER, SYSTEM THEREOF USING A STACKING DEVICE, AND METHOD THEREOF**
[54] **PLATEFORME POUR REMORQUE, SYSTEME ASSOCIE UTILISANT UN DISPOSITIF D'EMPILEMENT, ET PROCEDE CORRESPONDANT**
[72] SAIN, BERNARD S., US
[71] INTERNATIONAL TRANSPORT LOGISTICS, INC., US
[85] 2004-01-22
[86] 2002-07-23 (PCT/US2002/023274)
[87] 2003-02-06 (WO2003/010051)
[30] US (09/910,051) 2001-07-23

[21] **2,454,803**
[13] A1

[51] **Int.Cl. 7C12N 1/20 7A61P 29/00 7A61K 35/74**
[25] EN
[54] **PROBIOTIC BIFIDOBACTERIUM STRAINS**
[54] **SOUCHES DE BIFIDOBACTERIUM PROBIOTIQUES**
[72] COLLINS, JOHN KEVIN, IE
[72] O'SULLIVAN, GERALD CHRISTOPHER, IE
[72] SHANAHAN, FERGUS, IE
[72] O'MAHONY, LIAM, IE
[72] KIELY, BARRY, IE
[71] ALIMENTARY HEALTH LIMITED, IE
[85] 2004-01-23
[86] 2002-07-26 (PCT/IE2002/000110)
[87] 2003-02-06 (WO2003/010297)
[30] IE (010711) 2001-07-26
[30] IE (010710) 2001-07-26
[30] IE (010709) 2001-07-26
[30] IE (010714) 2001-07-26
[30] IE (010713) 2001-07-26
[30] IE (010717) 2001-07-26

[21] **2,454,804**
[13] A1

[51] **Int.Cl. 7C12N 1/20 7A61P 29/00 7A61K 35/74**
[25] EN
[54] **"PROBIOTIC LACTOBACILLUS SALIVARIUS STRAINS**
[54] **SOUCHES PROBIOTIQUES DE LACTOBACILLUS SALIVARIUS**
[72] COLLINS, JOHN KEVIN, IE
[72] O'MAHONY, LIAM, IE
[72] SHANAHAN, FERGUS, IE
[72] KIELY, BARRY, IE
[72] O'SULLIVAN, GERALD CHRISTOPHER, IE
[71] ALIMENTARY HEALTH LIMITED, IE
[85] 2004-01-23
[86] 2002-07-26 (PCT/IE2002/000111)
[87] 2003-02-06 (WO2003/010298)
[30] IE (01/0705) 2001-07-26
[30] IE (01/0708) 2001-07-26
[30] IE (01/0707) 2001-07-26
[30] IE (01/0702) 2001-07-26
[30] IE (01/0701) 2001-07-26

[21] **2,454,805**
[13] A1

[51] **Int.Cl. 7C12N 1/20 7A61P 29/00 7A61K 35/74**
[25] EN
[54] **PROBIOTIC LACTOBACILLUS CASEI STRAINS**
[54] **SOUCHES DE LACTOBACILLUS CASEI PROBIOTIQUES**
[72] O'MAHONY, LIAM, IE
[72] SHANAHAN, FERGUS, IE
[72] COLLINS, JOHN KEVIN, IE
[72] O'SULLIVAN, GERALD CHRISTOPHER, IE
[72] KIELY, BARRY, IE
[71] ALIMENTARY HEALTH LIMITED, IE
[85] 2004-01-23
[86] 2002-07-26 (PCT/IE2002/000112)
[87] 2003-02-06 (WO2003/010299)
[30] IE (01/0706) 2001-07-26
[30] IE (01/0715) 2001-07-26
[30] IE (01/0700) 2001-07-26
[30] IE (01/0699) 2001-07-26
[30] IE (01/0712) 2001-07-26

Demandes PCT entrant en phase nationale

[21] **2,454,806**
[13] A1

[51] **Int.Cl. 7C21D 9/70 7C21D 9/00 7C22F 1/04**
[25] EN
[54] **CERAMIC CORE SPACER BLOCKS FOR HIGH TEMPERATURE PREHEAT CYCLES**
[54] **BLOCS D'ECARTEMENT A NOYAU CERAMIQUE DESTINES A DES CYCLES DE PRECHAUFFAGE A HAUTE TEMPERATURE**
[72] BATES, CALVIN, US
[72] WIESERMAN, LARRY F., US
[72] SEVERA, DANIEL W., US
[72] STEWART, PATRICIA A., US
[72] HARENSKI, JOSEPH P., US
[72] KAUFOLD, ROGER W., US
[71] ALCOA INC., US
[85] 2004-01-22
[86] 2002-07-23 (PCT/US2002/023339)
[87] 2003-02-06 (WO2003/010344)
[30] US (09/911,787) 2001-07-24

[21] **2,454,807**
[13] A1

[51] **Int.Cl. 7C12N 5/06**
[25] EN
[54] **CULTURED CELL CONSTRUCT WHICH CONTAINS SPHEROIDS OF CULTURED ANIMAL CELLS AND THE USE THEREOF**
[54] **CONSTRUCTION CELLULAIRE CULTIVEE CONTENANT DES SPHEROIDES DE CELLULES ANIMALES CULTIVEES ET UTILISATION CORRESPONDANTE**
[72] KATAOKA, KAZUNORI, JP
[72] NAGASAKI, YUKIO, JP
[72] OTSUKA, HIDENORI, JP
[72] OKANO, TERUO, JP
[72] HORIIKE, YASUHIRO, JP
[71] KATAOKA, KAZUNORI, JP
[85] 2004-01-23
[86] 2002-07-25 (PCT/JP2002/007539)
[87] 2003-02-06 (WO2003/010302)
[30] JP (2001-226293) 2001-07-26

[21] **2,454,812**
[13] A1

[51] **Int.Cl. 7C22B 3/04 7C22B 11/00 7C22B 15/00**
[25] EN
[54] **METHOD FOR IMPROVING METALS RECOVERY USING HIGH TEMPERATURE PRESSURE LEACHING**
[54] **PROCEDE D'AMELIORATION DE LA RECUPERATION DES METAUX AU MOYEN DU LESSIVAGE PAR PRESSION A HAUTE TEMPERATURE**
[72] BAUGHMAN, DAVID R., US
[72] MARSDEN, JOHN O., US
[72] BREWER, ROBERT E., US
[72] HAZEN, WAYNE W., US
[72] SCHMIDT, ROLAND, US
[72] THOMPSON, PHILIP, US
[72] ROBERTSON, JOANNA M., US
[71] PHELPS DODGE CORPORATION, US
[85] 2004-01-22
[86] 2002-07-24 (PCT/US2002/023455)
[87] 2003-02-06 (WO2003/010345)
[30] US (09/912,967) 2001-07-25

[21] **2,454,815**
[13] A1

[51] **Int.Cl. 7B26B 21/54 7B21K 11/00**
[25] EN
[54] **COMPOSITE UTILITY KNIFE BLADE, AND METHOD OF MAKING SUCH A BLADE**
[54] **LAME DE COUTEAU TOUT USAGE COMPOSITE ET PROCEDE DE FABRICATION D'UNE TELLE LAME**
[72] DOUGLAS, BRIAN K., US
[72] KORB, WILLIAM B., US
[72] OLIVEIRA, MARCELO, BR
[71] AMERICAN SAW & MFG. COMPANY, US
[85] 2004-01-22
[86] 2002-07-24 (PCT/US2002/023800)
[87] 2003-02-06 (WO2003/009978)
[30] US (09/916,018) 2001-07-26

[21] **2,454,821**
[13] A1

[51] **Int.Cl. 7C25C 1/12 7C22B 15/00**
[25] EN
[54] **PROCESS FOR DIRECT ELECTROWINNING OF COPPER**
[54] **PROCEDE D'EXTRACTION ELECTROLYTIQUE DIRECTE DE CUIVRE**
[72] THOMPSON, PHILIP, US
[72] ROBERTSON, JOANNA M., US
[72] BREWER, ROBERT E., US
[72] BAUGHMAN, DAVID R., US
[72] HAZEN, WAYNE W., US
[72] MARSDEN, JOHN O., US
[72] BEMELMANS, CHRISTEL M. A., US
[71] PHELPS DODGE CORPORATION, US
[85] 2004-01-23
[86] 2002-07-24 (PCT/US2002/023454)
[87] 2003-02-06 (WO2003/010362)
[30] US (09/912,921) 2001-07-25

[21] **2,454,823**
[13] A1

[51] **Int.Cl. 7C13D 3/14 7C13K 13/00 7C07H 3/02 7B01J 39/04 7C13K 1/04**
[25] EN
[54] **SEPARATION OF XYLOSE AND GLUCOSE**
[54] **SEPARATION DU XYLOSE ET DU GLUCOSE**
[72] FARONE, WILLIAM A., US
[72] FATIGATI, MICHAEL A., US
[71] ARKENOL, INC., US
[85] 2004-01-23
[86] 2002-07-24 (PCT/US2002/023693)
[87] 2003-02-06 (WO2003/010339)
[30] US (60/307,585) 2001-07-24

PCT Applications Entering the National Phase

[21] **2,454,824**
[13] A1
[51] **Int.Cl. 7A61K 38/20 7A61K 48/00**
7A61P 35/00 7A61P 37/00 7C12Q 1/02
7A61P 11/06 7A61K 39/395 7A61K 31/
7088
[25] EN
[54] **TREATMENT OF IMMUNE**
DISORDERS AND B CELL DISORDERS
[54] **TRAITEMENT DE TROUBLES**
CONCERNANT LES CELLULES
IMMUNITAIRES ET LES CELLULES B
[72] LIN, HAI-SHAN, US
[72] HO, ALICE SUK-YUE, US
[72] FORD, JOHN E., US
[72] RUPP, FABIO, US
[71] NUVELO, INC., US
[85] 2004-01-23
[86] 2002-07-25 (PCT/US2002/023845)
[87] 2003-02-06 (WO2003/010291)
[30] US (60/307,754) 2001-07-25
[30] US (60/334,668) 2001-11-29

[21] **2,454,827**
[13] A1
[51] **Int.Cl. 7G01N 21/35 7A01C 21/00**
7G01J 3/427 7G01J 3/433
[25] EN
[54] **OPTICAL SPECTRAL**
REFLECTANCE SENSOR AND
CONTROLLER
[54] **CAPTEUR ET DISPOSITIF DE**
COMMANDE DE REFLECTANCE
SPECTRALE OPTIQUE
[72] RAUN, WILLIAM R., US
[72] JOHNSON, GORDON V., US
[72] STONE, MARVIN L., US
[72] NEEDHAM, DUANE, US
[72] SOLIE, JOHN B., US
[71] THE BOARD OF REGENTS FOR
OKLAHOMA STATE UNIVERSITY, US
[85] 2004-01-23
[86] 2002-07-19 (PCT/US2002/023009)
[87] 2003-02-06 (WO2003/010521)
[30] US (09/912,077) 2001-07-24

[21] **2,454,830**
[13] A1
[51] **Int.Cl. 7A61K 31/4409 7A61P 3/04**
7A61P 3/10 7A61K 31/445 7A61K 31/4468
7A61K 31/4545 7C07D 211/58 7C07D 211/
96
[25] EN
[54] **SUBSTITUTED UREA**
NEUROPEPTIDE Y Y5 RECEPTOR
ANTAGONISTS
[54] **ANTAGONISTES DU RECEPTEUR**
Y5 DU NEUROPEPTIDE Y D'UREE
SUBSTITUEE
[72] HUANG, YING, US
[72] LI, GUOQING, US
[72] STAMFORD, ANDREW W., US
[71] SCHERING CORPORATION, US
[85] 2004-01-21
[86] 2002-07-24 (PCT/US2002/023552)
[87] 2003-02-06 (WO2003/009845)
[30] US (60/308,433) 2001-07-26

[21] **2,454,826**
[13] A1
[51] **Int.Cl. 7C12N 11/08 7C08G 18/00**
[25] EN
[54] **IRREVERSIBLE**
IMMOBILIZATION OF
DIISOPROPYLFLUOROPHOSPHATAS
E INTO POLYURETHANE COATINGS
[54] **IMMOBILISATION**
IRREVERSIBLE D'ENZYMES DANS
DES REVETEMENTS DE
POLYURETHANE
[72] RUSSELL, ALAN J., US
[72] DREVON, GERALDINE F., US
[71] UNIVERSITY OF PITTSBURGH, US
[85] 2004-01-21
[86] 2002-07-24 (PCT/US2002/023473)
[87] 2003-08-14 (WO2003/066851)
[30] US (60/307,450) 2001-07-24

[21] **2,454,828**
[13] A1
[51] **Int.Cl. 7H04L 9/32 7H04L 9/00**
[25] EN
[54] **NETWORK SECURITY**
ARCHITECTURE
[54] **ARCHITECTURE DE SECURITE**
DE RESEAU
[72] HOEFELMEYER, RALPH SAMUEL,
US
[72] PHILLIPS, THERESA EILEEN, US
[71] WORLDCOM, INC., US
[85] 2004-01-21
[86] 2002-07-24 (PCT/US2002/023506)
[87] 2003-02-06 (WO2003/010922)
[30] US (09/911,592) 2001-07-24
[30] US (10/024,202) 2001-12-21

[21] **2,454,831**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **ONLINE REAL AND PERSONAL**
PROPERTY MANAGEMENT SYSTEM
AND METHOD
[54] **SYSTEME ET PROCEDE DE**
GESTION EN LIGNE DE BIENS
IMMOBILIERS ET PERSONNELS
[72] MANN, RUSSELL A., US
[72] WOLFF, STUART, US
[72] BOVE, STEPHEN B., US
[72] ENGMAN, EDWARD A., JR., US
[72] GREENBLATT, JONATHAN A., US
[72] COHEN, MARK N., US
[72] COHEN, MATTHEW L., US
[72] TAFEEN, PETER B., US
[72] CORNELIUS, BRUCE J., US
[71] HOMESTORE, INC., US
[85] 2004-01-21
[86] 2002-07-25 (PCT/US2002/023638)
[87] 2003-02-13 (WO2003/012581)
[30] US (09/915,456) 2001-07-27

[21] **2,454,829**
[13] A1
[51] **Int.Cl. 7B23F 21/03 7B24B 1/00**
[25] EN
[54] **VITRIFIED SUPERABRASIVE**
TOOL AND METHOD OF
MANUFACTURE
[54] **OUTIL SUPERABRASIF VITRIFIE**
ET PROCEDE DE FABRICATION
[72] PUKAITE, LEONARD G., US
[72] LI, ROUNAN, US
[71] SAINT-GOBAIN ABRASIVES, INC.,
US
[85] 2004-01-21
[86] 2002-07-24 (PCT/US2002/023536)
[87] 2003-03-06 (WO2003/018261)
[30] US (09/934,261) 2001-08-21

Demandes PCT entrant en phase nationale

[21] **2,454,832**
[13] A1
[51] **Int.Cl. 7C08L 79/08 7C08K 7/06 7C08L 27/12**
[25] EN
[54] **IMPROVED POLYAMIDE-IMIDE MOLDING RESINS AND METHODS FOR THEIR PREPARATION**
[54] **RESINES POLYIMIDE DE MOULAGE AMELIOREES ET LEUR PROCEDE DE PREPARATION**
[72] UNDERWOOD, GEOFFREY, US
[71] SOLVAY ADVANCED POLYMERS, LLC, US
[85] 2004-01-21
[86] 2002-07-26 (PCT/US2002/023653)
[87] 2003-02-06 (WO2003/010237)
[30] US (60/308,048) 2001-07-26
[30] US (60/359,901) 2002-02-28

[21] **2,454,833**
[13] A1
[51] **Int.Cl. 7A61B 5/11 7A61B 3/107**
[25] EN
[54] **ANTERIOR CHAMBER DIAMETER MEASUREMENT SYSTEM FROM LIMBAL RING MEASUREMENTS**
[54] **SYSTEME DESTINE A MESURER LE DIAMETRE D'UNE CHAMBRE ANTERIEURE A PARTIR DE MESURES D'UN ANNEAU LIMBIQUE**
[72] NIVEN, GREGG D., US
[72] TURNER, TIMOTHY N., US
[71] BAUSCH & LOMB, INCORPORATED, US
[85] 2004-01-21
[86] 2002-07-24 (PCT/US2002/023685)
[87] 2003-02-13 (WO2003/011135)
[30] US (09/918,678) 2001-07-30

[21] **2,454,834**
[13] A1
[51] **Int.Cl. 7H01L 21/28 7H01L 27/24**
[25] EN
[54] **ELECTROMECHANICAL MEMORY ARRAY USING NANOTUBE RIBBONS AND METHOD FOR MAKING SAME**
[54] **RESEAU DE MEMOIRE ELECTROMECHANIQUE UTILISANT DES RUBANS DE NANOTUBES ET SON PROCEDE DE FABRICATION**
[72] BROCK, DARREN K., US
[72] RUECKES, THOMAS, US
[72] SEGAL, BRENT M., US
[71] NANTERO, INC., US
[85] 2004-01-21
[86] 2002-07-25 (PCT/US2002/023859)
[87] 2003-03-13 (WO2003/021613)
[30] US (09/915,093) 2001-07-25

[21] **2,454,861**
[13] A1
[51] **Int.Cl. 7A61B 19/00**
[25] EN
[54] **MINIATURE BONE-ATTACHED SURGICAL ROBOT**
[54] **ROBOT CHIRURGICAL MINIATURE FIXE A UN OS**
[72] SHOHAM, MOSHE, IL
[71] MASOR ROBOTICS, LTD., IL
[85] 2004-01-23
[86] 2002-05-22 (PCT/IL2002/000399)
[87] 2003-02-06 (WO2003/009768)
[30] US (09/912,687) 2001-07-24

[21] **2,454,863**
[13] A1
[51] **Int.Cl. 7A61K 31/40 7C07D 401/04 7C07D 407/04 7C07D 409/04 7A61P 3/06 7C07D 207/325 7C07D 207/333 7A61K 31/4025**
[25] EN
[54] **NOVEL PYRROLES HAVING HYPOCHOLESTEREMIC ACTIVITIES, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE IN MEDICINE**
[54] **NOUVEAUX PYRROLES POSSEDANT DES ACTIVITES HYPOLIPIDEMIANTES ET HYPOCHOLESTEROLEMIANTES, PROCEDE DE PREPARATION DE CEUX-CI, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET LEUR UTILISATION EN MEDECINE**
[72] LOHRAY, BRAJ BHUSHAN, IN
[72] RAVAL, SAURIN KHIMSHANKAR, IN
[72] BAROT, VIJAY KUMAR, IN
[72] LOHRAY, VIDYA BHUSHAN, IN
[72] BASU, SUJAY, IN
[72] RAVAL, PREETI SAURIN, IN
[71] CADILA HEALTHCARE LTD., IN
[85] 2004-01-23
[86] 2002-07-25 (PCT/IN2002/000155)
[87] 2003-02-06 (WO2003/009841)
[30] IN (711/MUM/2001) 2001-07-26

PCT Applications Entering the National Phase

[21] **2,454,865**
[13] A1

[51] **Int.Cl. 7E21B 4/04 7E21B 7/06 7E21B 43/10 7E21B 47/12 7E21B 4/18 7E21B 17/20**

[25] EN

[54] **HIGH POWER UMBILICALS FOR SUBTERRANEAN ELECTRIC DRILLING MACHINES AND REMOTELY OPERATED VEHICLES**

[54] **OMBILICAUX DE GRANDE PUISSANCE POUR MACHINES ELECTRIQUES DE FORAGE SOUTERRAIN ET VEHICULES TELECOMMANDES**

[72] CHITWOOD, JAMES E., US

[72] CROSSLAND, WILLIAM G., US

[72] SKERL, DAMIR S., US

[72] DEKLE, ROBERT L., US

[72] VAIL, WILLIAM BANNING III, US

[71] SMART DRILLING AND COMPLETION, INC., US

[85] 2004-01-28

[86] 2002-08-16 (PCT/US2002/026066)

[87] 2003-02-27 (WO2003/016671)

[30] US (60/313,654) 2001-08-19

[30] US (60/353,457) 2002-01-31

[30] US (60/367,638) 2002-03-26

[30] US (60/384,964) 2002-06-03

[30] US (10/223,025) 2002-08-15

[21] **2,454,871**
[13] A1

[51] **Int.Cl. 7A61F 2/06**

[25] EN

[54] **REMOVABLE STENT AND METHOD OF USING THE SAME**

[54] **ENDOPROTHESE AMOVIBLE ET PROCEDE D'UTILISATION ASSOCIE**

[72] FREITAG, LUTZ, DE

[72] SILVESTRI, GERARD A., US

[71] ALVEOLUS INC., US

[85] 2004-01-23

[86] 2002-07-05 (PCT/US2002/022098)

[87] 2003-02-06 (WO2003/009773)

[30] US (60/308,071) 2001-07-26

[21] **2,454,880**
[13] A1

[51] **Int.Cl. 7C08F 2/06 7C09D 157/00 7C08G 59/00 7C08G 63/00 7C08G 71/00**

[25] EN

[54] **METHOD FOR OBTAINING COATING COMPOSITIONS HAVING REDUCED VOC**

[54] **PROCEDE D'OBTENTION DE COMPOSITIONS DE REVETEMENT A COI REDUIT**

[72] WEISE, ROBERT, US

[72] LAUGAL, JAMES, US

[72] OHRBOM, WALTER, US

[71] BASF CORPORATION, US

[85] 2004-01-23

[86] 2002-09-03 (PCT/US2002/027788)

[87] 2003-06-19 (WO2003/050146)

[30] US (10/012,075) 2001-12-07

[21] **2,454,891**
[13] A1

[51] **Int.Cl. 7A01C 21/00**

[25] EN

[54] **A PROCESS FOR IN-SEASON NUTRIENT APPLICATION BASED ON PREDICTED YIELD POTENTIAL**

[54] **PROCEDE D'APPLICATION D'UN ELEMENT NUTRITIF EN HAUTE-SAISON FONDE SUR LE POTENTIEL DE RENDEMENT PREVU**

[72] RAUN, WILLIAM R., US

[72] JOHNSON, GORDON V., US

[72] SOLIE, JOHN B., US

[72] STONE, MARVIN L., US

[71] THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY, US

[85] 2004-01-23

[86] 2002-07-19 (PCT/US2002/023133)

[87] 2003-02-06 (WO2003/009669)

[30] US (09/911,867) 2001-07-24

[30] US (10/195,138) 2002-07-12

[21] **2,454,897**
[13] A1

[51] **Int.Cl. 7B65H 19/10**

[25] EN

[54] **MACHINE-DETECTABLE ADHESIVE TAPE**

[54] **BANDE ADHESIVE DETECTABLE PAR MACHINE**

[72] GASSNER, THOMAS, DE

[72] EIKMEIER, MARKUS, DE

[72] BURMEISTER, AXEL, DE

[72] GEBBEKEN, BERNHARD, DE

[72] NAGEL, CHRISTOPH, DE

[71] TESA AG, DE

[85] 2004-01-23

[86] 2001-08-29 (PCT/EP2001/009965)

[87] 2003-03-06 (WO2003/018453)

[21] **2,454,901**
[13] A1

[51] **Int.Cl. 7A23L 1/30 7C12G 3/12 7A23L 2/38 7A23L 2/39 7A61K 35/78**

[25] EN

[54] **DIETARY SUPPLEMENTS FROM WINE VINASSES AND RELEVANT PRODUCTION PROCESS**

[54] **SUPPLEMENTS DIETETIQUES EXTRAITS DE VINASSES DE VIN ET LEUR PROCEDE D'OBTENTION**

[72] ANZAGHI, PIERGIORGIO, IT

[72] STEFLI, ROSANNA, IT

[71] ADVANCE HOLDINGS LIMITED, MT

[85] 2004-01-23

[86] 2002-05-27 (PCT/EP2002/005785)

[87] 2003-12-04 (WO2003/099040)

[21] **2,454,903**
[13] A1

[51] **Int.Cl. 7A61K 31/495 7C07D 205/04 7A61P 3/04 7C07D 217/06 7C07K 5/062 7C07K 5/065 7C07K 5/078 7C07D 207/08 7C07D 487/08 7C07D 207/09 7C07D 209/14 7C07D 217/14 7C07D 295/18 7C07D 319/18 7C07D 211/26 7C07D 213/38 7C07D 215/48 7A61K 31/496 7A61K 31/55 7C07D 211/60 7C07D 211/62 7C07D 317/68 7C07D 213/81 7C07D 213/82**

[25] EN

[54] **SUBSTITUTED PIPERAZINES AS MODULATORS OF THE MELANOCORTIN RECEPTOR**

[54] **PIPERAZINES SUBSTITUEES COMME MODULATEURS DU RECEPTEUR DE MELANOCORTINE**

[72] NORMAN, MARK H., US

[72] FOTSCH, CHRISTOPHER H., US

[72] BO, YUNXIN, US

[72] SMITH, DUNCAN M., US

[72] LIU, QINGYIAN, US

[72] GOLDBERG, MARTIN H., US

[72] HAN, NIANHE, US

[72] CHEN, NING, US

[72] XI, NING, US

[72] KELLY, MICHAEL G., US

[72] TAMAYO, NURIA, US

[72] STEC, MARKIAN, US

[72] HSIEH, FENG-YIN, US

[72] XU, SHIMIN, US

[72] ARASASINGHAM, PREMILLA, US

[71] AMGEN INC., US

[85] 2004-01-23

[86] 2002-07-25 (PCT/US2002/023926)

[87] 2003-02-06 (WO2003/009850)

[30] US (60/307,831) 2001-07-25

[30] US (10/202,823) 2002-07-24

Demandes PCT entrant en phase nationale

[21] **2,454,905**
[13] A1

[51] **Int.Cl. 7F03D 11/00 7F03D 7/02**
[25] EN
[54] **EARLY-WARNING SYSTEM COMPRISING SODAR FOR WIND ENERGY TURBINES**
[54] **SYSTEME D'ALERTE RAPIDE POUR INSTALLATIONS D'ENERGIE EOLIENNE A SODAR**
[72] WOB BEN, ALOYS, DE
[71] WOB BEN, ALOYS, DE
[85] 2004-01-23
[86] 2002-06-26 (PCT/EP2002/007043)
[87] 2003-02-13 (WO2003/012293)
[30] DE (101 37 272.8) 2001-07-31

[21] **2,454,907**
[13] A1

[51] **Int.Cl. 7B60G 5/00 7B60G 25/00 7B62K 5/00 7B62K 17/00 7B62K 25/04 7B62H 1/12**
[25] EN
[54] **VEHICLE SUSPENSION STABILISING ARRANGEMENT**
[54] **DISPOSITIF DE STABILISATION DE SUSPENSION DE VEHICULE**
[72] CONTARINO, ALDO, AU
[71] STARVALLEY PTY LTD., AU
[85] 2004-01-23
[86] 2002-07-26 (PCT/AU2002/001000)
[87] 2003-02-06 (WO2003/010015)
[30] AU (PR 6639) 2001-07-26

[21] **2,454,908**
[13] A1

[51] **Int.Cl. 7E01D 15/24 7F15B 20/00 7F15B 15/26**
[25] EN
[54] **LIFTING SYSTEM**
[54] **SYSTEME ELEVATEUR**
[72] HOPPER, STEPHEN GEORGE, GB
[72] WIRZBERGER, ERICH, DE
[71] BOSCH REXROTH AG, DE
[85] 2004-01-23
[86] 2002-07-04 (PCT/EP2002/007437)
[87] 2003-02-06 (WO2003/010387)
[30] DE (101 36 284.6) 2001-07-25
[30] DE (101 63 691.1) 2001-12-21

[21] **2,454,909**
[13] A1

[51] **Int.Cl. 7C09J 7/02**
[25] EN
[54] **METHOD FOR PRODUCING A LASER-PRINTABLE FILM**
[54] **PROCEDE POUR FABRIQUER UNE PELLICULE POUVANT ETRE MARQUEE AU LASER**
[72] BLUEMEL, MICHAEL, DE
[72] KOOPS, ARNE, DE
[71] TESA AG, DE
[85] 2004-01-23
[86] 2002-07-10 (PCT/EP2002/007711)
[87] 2003-03-06 (WO2003/018700)
[30] DE (101 42 638.0) 2001-08-31

[21] **2,454,911**
[13] A1

[51] **Int.Cl. 7B60R 13/02 7B60Q 3/02 7B29C 51/08**
[25] EN
[54] **PROCEDURE FOR OBTAINING ROOF LINING WITH INTERGRATED LIGHTING SYSTEM AND LINING SO OBTAINED**
[54] **PROCEDE DE FABRICATION D'UNE GARNITURE DE PLAFOND COMPORTANT UN SYSTEME D'ECLAIRAGE INTEGRE ET GARNITURE AINSI OBTENUE**
[72] OLIVAN AHEDO, CAROLINA, ES
[72] SOTO ROMERO, DARIO, ES
[72] SOLANAS GARCIA, ANGEL, ES
[71] GRUPO ANTOLIN-INGENIERIA, S.A., ES
[85] 2004-01-23
[86] 2001-07-24 (PCT/ES2001/000294)
[87] 2003-02-06 (WO2003/010032)

[21] **2,454,912**
[13] A1

[51] **Int.Cl. 7B01J 31/18 7C07C 253/10 7B01J 31/24**
[25] EN
[54] **CATALYST SYSTEM CONTAINING NI(0) FOR HYDROCYANATION**
[54] **SYSTEME CATALYSEUR CONTENANT NI(0) POUR HYDROCYANATION**
[72] ALTMAYER, MARCO, DE
[72] BAUMANN, ROBERT, DE
[72] BARTSCH, MICHAEL, DE
[72] KUNSMANN-KEITEL, DAGMAR PASCALE, DE
[72] SIEGEL, WOLFGANG, DE
[72] HADERLEIN, GERD, DE
[72] JUNGKAMP, TIM, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-01-23
[86] 2002-07-16 (PCT/EP2002/007888)
[87] 2003-02-13 (WO2003/011457)
[30] DE (101 36 488.1) 2001-07-27

[21] **2,454,914**
[13] A1

[51] **Int.Cl. 7G03F 7/029 7C07F 9/32 7C08F 2/50 7C07F 9/53**
[25] EN
[54] **BATHOCHROMIC MONO- AND BIS-ACYLPHOSPHINE OXIDES AND SULFIDES AND THEIR USE AS PHOTOINITIATORS**
[54] **SULFURES ET OXYDES MONO- ET BIS-ACYLPHOSPHINE BATHOCHROMES ET LEUR UTILISATION COMME PHOTOAMORCEURS**
[72] WOLF, JEAN-PIERRE, CH
[72] HUG, GEBHARD, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2004-01-23
[86] 2002-08-13 (PCT/EP2002/009045)
[87] 2003-03-06 (WO2003/019295)
[30] CH (1542/01) 2001-08-21

PCT Applications Entering the National Phase

[21] **2,454,918**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61P 27/04 7A61K 31/195 7A61K 47/36**
[25] EN
[54] **OPHTHALMIC COMPOSITION CONTAINING N-ACETYLCYSTEINE FOR THE TREATMENT OF DRY-EYE SYNDROME**
[54] **CONTENANT DE LA N-ACETYLE-CYSTEINE POUR LE TRAITEMENT DU SYNDROME DE LA KERATOCONJONCTIVITE SECHE**
[72] BURGALASSI, SUSI, IT
[72] BOLDRINI, ENRICO, IT
[72] GIANNACCINI, BORIS, IT
[72] SAETTONI, MARCO FABRIZIO, IT
[72] CHETONI, PATRIZIA, IT
[71] FARMIGEA S.P.A., IT
[85] 2004-01-23
[86] 2002-07-22 (PCT/IT2002/000481)
[87] 2003-02-13 (WO2003/011249)
[30] IT (RM2001A000438) 2001-07-23

[21] **2,454,919**
[13] A1

[51] **Int.Cl. 7B65G 47/36 7B65G 35/06 7B65G 17/20 7B65G 47/68**
[25] EN
[54] **WORK CONVEYING DEVICE**
[54] **DISPOSITIF TRANSPORTEUR D'OUVRAGES**
[72] MATSUNAGA, NAOYA, JP
[72] MUKUMOTO, TAKAJI, JP
[72] NAKANO, JUNICHI, JP
[72] KANBAYASHI, SATOSHI, JP
[72] KOMATSU, TETSUHARU, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[85] 2004-01-23
[86] 2002-07-24 (PCT/JP2002/007473)
[87] 2003-02-06 (WO2003/010075)
[30] JP (2001-223419) 2001-07-24
[30] JP (2001-223429) 2001-07-24
[30] JP (2001-223444) 2001-07-24
[30] JP (2002-158010) 2002-05-30
[30] JP (2002-157850) 2002-05-30

[21] **2,454,933**
[13] A1

[51] **Int.Cl. 7B01J 8/02**
[25] EN
[54] **CATALYST OR SORBENT BEDS**
[54] **LITS CATALYTIQUES OU ABSORBANTS**
[72] WARD, ANDREW MARK, GB
[72] AXON, SEAN ALEXANDER, GB
[72] BRISTON, ALAN BRUCE, GB
[71] JOHNSON MATTHEY PLC, GB
[85] 2004-01-23
[86] 2002-07-03 (PCT/GB2002/003075)
[87] 2003-02-13 (WO2003/011448)
[30] GB (0118322.7) 2001-07-27

[21] **2,454,935**
[13] A1

[51] **Int.Cl. 7C07C 201/08 7C07C 205/22 7C07C 205/44 7C07C 205/45 7C07C 205/60**
[25] EN
[54] **METHOD FOR THE NITRATION OF PHENOLIC COMPOUNDS**
[54] **PROCEDE DE NITRATION DE COMPOSES PHENOLIQUES**
[72] LEARMONTH, DAVID ALEXANDER, PT
[71] PORTELA & CA SA, PT
[85] 2004-01-23
[86] 2002-07-22 (PCT/GB2002/003356)
[87] 2003-02-13 (WO2003/011810)
[30] GB (0118139.5) 2001-07-25

[21] **2,454,940**
[13] A1

[51] **Int.Cl. 7E05F 15/16**
[25] EN
[54] **SASH WINDOWS**
[54] **FENETRES A GUILLOTINE**
[72] DERHAM, MIKE, GB
[72] HAWKER, MICHAEL JOHN, GB
[72] ALLEN, TIMOTHY, GB
[71] MIGHTON PRODUCTS LIMITED, GB
[85] 2004-01-23
[86] 2002-07-31 (PCT/GB2002/003523)
[87] 2003-02-13 (WO2003/012237)
[30] GB (0118824.2) 2001-08-01

[21] **2,454,945**
[13] A1

[51] **Int.Cl. 7A61K 31/737 7A61P 31/18**
[25] EN
[54] **USE OF OVERSULFATED POLYSACCHARIDES AS INHIBITORS OF HIV**
[54] **UTILISATION DE POLYSACCHARIDES SURSULFATES COMME INHIBITEURS DU HIV**
[72] VICENZI, ELISA, IT
[72] POLI, GUIDO, IT
[72] ORESTE, PASQUA ANNA, IT
[72] ZOPPETTI, GIORGIO, IT
[71] FONDAZIONE CENTRO SAN RAFFAELE DEL MONTE TABOR, IT
[71] ORESTE, PASQUA ANNA, IT
[71] ZOPPETTI, GIORGIO, IT
[85] 2004-01-23
[86] 2002-07-26 (PCT/IB2002/002909)
[87] 2003-02-13 (WO2003/011307)
[30] IT (MI2001A 001633) 2001-07-27

[21] **2,454,946**
[13] A1

[51] **Int.Cl. 7B22D 11/108 7B22D 11/10**
[25] EN
[54] **METHOD OF CONTINUOUS STEEL CASTING**
[54] **PROCEDE DE COULEE EN CONTINU D'ACIER**
[72] NOMURA, OSAMU, JP
[72] UCHIDA, SHIGEKI, JP
[72] MORITA, AKIHIRO, JP
[72] LIN, WEI, JP
[72] OMOTO, TOMOAKI, JP
[71] SHINAGAWA REFRACTORIES CO., LTD., JP
[85] 2004-01-23
[86] 2001-11-29 (PCT/JP2001/010444)
[87] 2003-06-05 (WO2003/045608)

[21] **2,454,947**
[13] A1

[51] **Int.Cl. 7A61M 5/32**
[25] EN
[54] **LUER CONNECTOR ASSEMBLY**
[54] **ENSEMBLE RACCORD LUER**
[72] FLEISCHER, GENE, US
[72] BUSH, CHARLES L., JR., US
[72] NEWBY, C. MARK, US
[72] HWANG, CHARLES G., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2004-01-23
[86] 2002-05-21 (PCT/US2002/015888)
[87] 2003-02-13 (WO2003/011356)
[30] US (60/308,380) 2001-07-27

Demandes PCT entrant en phase nationale

[21] **2,454,948**
[13] A1
[51] **Int.Cl. 7E21B 33/1295**
[25] EN
[54] **LABYRINTH LOCK SEAL FOR HYDROSTATICALLY SET PACKER**
[54] **JOINT DE VERROUILLAGE DE LABYRINTHE POUR GARNITURE DEFINIE HYDROSTATIQUEMENT**
[72] WELCH, EDWARD W., JR., US
[72] KING, JAMES G., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-01-23
[86] 2002-07-19 (PCT/US2002/022993)
[87] 2003-02-13 (WO2003/012252)
[30] US (09/916,985) 2001-07-27

[21] **2,454,951**
[13] A1
[51] **Int.Cl. 7A61M 5/00**
[25] EN
[54] **METHOD AND APPARATUS FOR INDICATING OR COVERING A PERCUTANEOUS PUNCTURE SITE**
[54] **PROCEDE ET APPAREIL DESTINES A INDIQUER OU A COUVRIR UN SITE DE PERFORATION PERCUTANEE**
[72] OHNEMUS, RANDALL E., US
[72] COHEN, RICHARD, US
[72] KURACINA, THOMAS C., US
[72] DES LAURIER, WILFRID E., US
[71] INJECTIMED, INC., US
[85] 2004-01-23
[86] 2002-07-25 (PCT/US2002/023615)
[87] 2003-02-06 (WO2003/009886)
[30] US (60/308,008) 2001-07-25

[21] **2,454,958**
[13] A1
[51] **Int.Cl. 7F24F 13/08 7F24F 7/04 7F24F 13/06**
[25] EN
[54] **CONICAL AIR FILTER**
[54] **FILTRE A AIR CONIQUE**
[72] GEBKE, KEVIN J., US
[72] PINKALLA, CARY W., US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023372)
[87] 2003-02-13 (WO2003/012344)
[30] US (09/916,987) 2001-07-27

[21] **2,454,963**
[13] A1
[51] **Int.Cl. 7H01L 21/66**
[25] EN
[54] **PARALLEL, INDIVIDUALLY ADDRESSABLE PROBES FOR NANOLITHOGRAPHY**
[54] **SONDES PARALLELES, ADRESSABLES INDIVIDUELLEMENT, DESTINEES A LA NANOLITHOGRAPHIE**
[72] LIU, CHANG, US
[72] BULLEN, DAVID ANDREW, US
[72] ZHANG, MING, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2004-01-23
[86] 2002-07-26 (PCT/US2002/023626)
[87] 2003-05-01 (WO2003/036767)
[30] US (60/307,976) 2001-07-26
[30] US (10/008,719) 2001-12-07

[21] **2,454,964**
[13] A1
[51] **Int.Cl. 7B23B 27/16**
[25] EN
[54] **METAL CUTTING TOOL AND CUTTING PLATE PROVIDED IN THE SHAPE OF A DONUT**
[54] **OUTIL DE COUPE PAR ENLEVEMENT DE COPEAUX ET MATRICE DE COUPE DE FORME ANNULAIRE**
[72] EDER, OTTO, DE
[72] ZITZLAFF, WOLFGANG, DE
[71] CERAMTEC AG INNOVATIVE CERAMIC ENGINEERING, DE
[85] 2004-01-23
[86] 2002-07-19 (PCT/DE2002/002665)
[87] 2003-02-20 (WO2003/013770)
[30] DE (101 36 635.3) 2001-07-26
[30] DE (102 08 266.9) 2002-02-26

[21] **2,454,968**
[13] A1
[51] **Int.Cl. 7G05B 19/418**
[25] EN
[54] **METHOD FOR DATA EXCHANGE BETWEEN AN OPERATING AND MONITORING PROGRAM AND A FIELD DEVICE**
[54] **PROCEDE D'ECHANGE DE DONNEES ENTRE UN PROGRAMME DE SERVICE ET D'OBSERVATION ET UN APPAREIL DE CHAMP**
[72] GRIECH, REINHARD, DE
[71] ENDRESS & HAUSER GMBH & CO. KG, DE
[85] 2004-01-23
[86] 2002-07-18 (PCT/EP2002/007975)
[87] 2003-02-06 (WO2003/010613)
[30] DE (101 36 732.5) 2001-07-25

[21] **2,454,976**
[13] A1
[51] **Int.Cl. 7A61K 45/00 7A61P 27/06 7A61P 9/08 7A61K 31/5377 7A61K 31/56**
[25] EN
[54] **REMEDY FOR GLAUCOMA COMPRISING AS THE ACTIVE INGREDIENT COMPOUND HAVING P13 KINASE INHIBITORY EFFECT**
[54] **REMEDE CONTRE LE GLAUCOME CONTENANT EN TANT QU'INGREDIENT ACTIF UN COMPOSE PRESENTANT UN EFFET INHIBITEUR DE LA KINASE P13**
[72] MIYAWAKI, NOBUAKI, JP
[72] OTSUKA, YOSHIHISA, JP
[72] SHIMAZAKI, ATSUSHI, JP
[72] MATSUGI, TAKESHI, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2004-01-23
[86] 2002-07-25 (PCT/JP2002/007528)
[87] 2003-03-06 (WO2003/018057)
[30] JP (2001-225606) 2001-07-26

PCT Applications Entering the National Phase

[21] **2,454,981**
[13] A1

[51] **Int.Cl. 7G05B 19/418 7G05D 1/02**
[25] EN
[54] **WORK TRANSFER METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME POUR LA GESTION DES MOUVEMENTS DE VEHICULES DE TRANSFERT**
[72] KANBAYASHI, SATOSHI, JP
[72] OKAJIMA, TETSUYA, JP
[72] KOMATSU, TETSUHARU, JP
[72] NOJO, SATOSHI, JP
[72] INOUE, RIKO, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[85] 2004-01-23
[86] 2002-07-24 (PCT/JP2002/007474)
[87] 2003-02-06 (WO2003/010614)
[30] JP (2001-223502) 2001-07-24
[30] JP (2001-223506) 2001-07-24
[30] JP (2001-223515) 2001-07-24
[30] JP (2001-223458) 2001-07-24
[30] JP (2001-223475) 2001-07-24
[30] JP (2002-145041) 2002-05-20
[30] JP (2002-145232) 2002-05-20

[21] **2,454,999**
[13] A1

[51] **Int.Cl. 7C09J 151/08 7C08F 283/06**
[25] EN
[54] **HOT-MELT-TYPE ADHESIVE BASED ON GRAFT COPOLYMERS**
[54] **COLLE FUSIBLE A BASE DE COPOLYMERES IMPLANTES**
[72] KLINGBERG, WOLFGANG, DE
[72] GENSCHE, INGO, DE
[72] MOLLER, THOMAS, DE
[72] HEEMANN, MARCUS, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2004-01-26
[86] 2002-07-16 (PCT/EP2002/007880)
[87] 2003-02-06 (WO2003/010256)
[30] DE (101 36 212.9) 2001-07-25

[21] **2,455,008**
[13] A1

[51] **Int.Cl. 7G02B 6/44**
[25] EN
[54] **HOLDING ASSEMBLY FOR CROSS-CONNECTED OPTICAL FIBERS OF PLURAL FIBER RIBBONS**
[54] **SYSTEME DE SUPPORT POUR FIBRES OPTIQUES INTERCONNECTEES DE PLUSIEURS RUBANS DE FIBRES**
[72] GROIS, IGOR, US
[72] SUN, MAURICE X., US
[72] ALI, SAMMY, US
[72] MAKHLIN, ILYA, US
[71] MOLEX INCORPORATED, US
[85] 2004-01-23
[86] 2002-06-26 (PCT/US2002/020126)
[87] 2003-02-06 (WO2003/010582)
[30] US (09/911,134) 2001-07-23

[21] **2,455,010**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/28**
[25] EN
[54] **CONFIGURABLE COMMUNICATION INTEGRATED CIRCUIT**
[54] **CIRCUIT INTEGRE CONFIGURABLE DE COMMUNICATION**
[72] DHIR, AMIT, US
[72] RANGASAYEE, KRISHNA, US
[71] XILINX, INC., US
[85] 2004-01-23
[86] 2002-07-17 (PCT/US2002/022692)
[87] 2003-02-06 (WO2003/010940)
[30] US (09/915,707) 2001-07-25
[30] US (10/007,841) 2001-12-03
[30] US (10/007,842) 2001-12-03

[21] **2,455,012**
[13] A1

[51] **Int.Cl. 7A61K 31/66 7A23L 1/29**
[25] EN
[54] **ENTERAL COMPOSITIONS FOR THE PREVENTION AND/OR TREATMENT OF SEPSIS**
[54] **COMPOSITIONS ENTERALE PERMETTANT DE PREVENIR ET/OU DE TRAITER UNE SEPSIS**
[72] VRIESEMA, ADRIANUS JOHANNES MARIA, NL
[72] SPEELMANS, GELSKE, NL
[72] HAGEMAN, ROBERT JOHAN JOSEPH, NL
[71] N.V. NUTRICIA, NL
[85] 2004-01-26
[86] 2002-07-26 (PCT/NL2002/000510)
[87] 2003-02-06 (WO2003/009704)
[30] EP (01202873.4) 2001-07-27

[21] **2,455,017**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SECURITIES MARKET AND MARKET MAKER ACTIVITY TRACKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE REPERAGE DE L'ACTIVITE DU MARCHE DES TITRES ET DES TENEURS DE MARCHE**
[72] CUTLER, STEPHEN, US
[71] CUTLER, STEPHEN, US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023403)
[87] 2003-02-06 (WO2003/010629)
[30] US (09/911,772) 2001-07-24
[30] US (10/167,950) 2002-06-12

[21] **2,455,022**
[13] A1

[51] **Int.Cl. 7H04N 5/00**
[25] EN
[54] **METHODS AND APPARATUS FOR TRANSMISSION OF DATA**
[54] **PROCEDE ET DISPOSITIF POUR LA TRANSMISSION DE DONNEES**
[72] LEMMONS, THOMAS, US
[71] INTELLOCITY USA, INC., US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023519)
[87] 2003-02-03 (WO2003/010956)
[30] US (09/915,114) 2001-07-25

Demandes PCT entrant en phase nationale

[21] **2,455,026**
[13] A1

[51] **Int.Cl. 7E04D 1/26 7E04D 12/00 7E04D 5/12 7E04D 1/36**
[25] EN
[54] **ROOFING COMPOSITE**
[54] **COMPOSITE POUR TOITURE**
[72] KIIK, MATTI, US
[72] BRYSON, MICHAEL, US
[72] MCLINTOCK, MICHAEL ALLEN, US
[72] BEATTIE, KEVIN L., US
[71] ELK PREMIUM BUILDING PRODUCTS, INC., US
[85] 2004-01-26
[86] 2002-08-02 (PCT/US2002/024529)
[87] 2003-02-20 (WO2003/014491)
[30] US (60/310,031) 2001-08-03
[30] US (60/331,808) 2001-11-20

[21] **2,455,030**
[13] A1

[51] **Int.Cl. 7C09D 5/03**
[25] EN
[54] **A POWDER-BASED COATING COMPOSITION, A CURED FILM THEREOF, AND A METHOD OF IMPROVING A COLOR STRENGTH OF THE CURED FILM**
[54] **COMPOSITION DE REVETEMENT A BASE DE POUDRE, FILM DURCI DE CETTE COMPOSITION ET PROCEDE PERMETTANT D'AMELIORER L'INTENSITE DE COULEUR DE CE FILM DURCI**
[72] DREWNO, GREGORY, US
[72] ALFORD, WILLIAM, US
[72] ANCHOR, MICHAEL, US
[71] BASF CORPORATION, US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/024835)
[87] 2003-04-10 (WO2003/029360)
[30] US (09/970,959) 2001-10-04

[21] **2,455,036**
[13] A1

[51] **Int.Cl. 7A61K 7/06**
[25] EN
[54] **REDUCTION OF HAIR GROWTH**
[54] **REDUCTION DE LA CROISSANCE DE POILS**
[72] STYCZYNSKI, PETER, US
[72] AHLUWALIA, GURPREET S., US
[72] SHANDER, DOUGLAS, US
[71] THE GILLETTE COMPANY, US
[85] 2004-01-26
[86] 2002-08-07 (PCT/US2002/024962)
[87] 2003-02-20 (WO2003/013469)
[30] US (60/311,605) 2001-08-10

[21] **2,455,039**
[13] A1

[51] **Int.Cl. 7A61K 31/198 7A61K 7/00 7A61P 17/00 7A61K 31/17**
[25] EN
[54] **REDUCTION OF HAIR GROWTH**
[54] **REDUCTION DE CROISSANCE CAPILLAIRE**
[72] AHLUWALIA, GURPREET S., US
[72] SHANDER, DOUGLAS, US
[72] STYCZYNSKI, PETER, US
[71] THE GILLETTE COMPANY, US
[85] 2004-01-26
[86] 2002-08-07 (PCT/US2002/024963)
[87] 2003-02-20 (WO2003/013496)
[30] US (60/311,600) 2001-08-10

[21] **2,455,041**
[13] A1

[51] **Int.Cl. 7C09D 11/02**
[25] EN
[54] **LITHOGRAPHIC PRINTING INKS**
[54] **ENCRES D'IMPRESSION LITHOGRAPHIQUE**
[72] LATUNSKI, MARK D., US
[72] GELARDEN, DENNIS R., US
[72] BALYO, RICK A., US
[72] KINGMAN, KEVIN P., US
[72] BATTERSBY, GRAHAM C., US
[71] FLINT INK CORPORATION, US
[85] 2004-01-23
[86] 2002-08-02 (PCT/US2002/024635)
[87] 2003-02-13 (WO2003/011988)
[30] US (60/309,617) 2001-08-02
[30] US (10/054,261) 2002-01-21

[21] **2,455,042**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61P 17/00 7A61K 31/195 7A61K 7/48**
[25] EN
[54] **METHOD OF REDUCING HAIR GROWTH BY APPLYING ALPHA-DIFLUOROMETHYLORNITHINE**
[54] **LIMITATION DE LA CROISSANCE PILEUSE**
[72] SHANDER, DOUGLAS, US
[72] AHLUWALIA, GURPREET S., US
[72] STYCZYNSKI, PETER, US
[71] THE GILLETTE COMPANY, US
[85] 2004-01-26
[86] 2002-08-07 (PCT/US2002/024964)
[87] 2003-02-20 (WO2003/013449)
[30] US (60/311,651) 2001-08-10

[21] **2,455,045**
[13] A1

[51] **Int.Cl. 7G11B 15/32**
[25] EN
[54] **TAPE CARTRIDGE DOCKING APPARATUS FOR READ/WRITE RECORDING ASSEMBLIES AND METHOD THEREFOR**
[54] **APPAREIL D'ANCRAGE DE CARTOUCHE DESTINE A LIRE/ ECRIRE DES ENSEMBLES D'ENREGISTREMENT ET PROCEDE A CET EFFET**
[72] GOLDSMITH, CHRISTOPHER D., US
[72] GAVIT, STEPHAN E., US
[71] SEGWAY SYSTEMS, LLC, US
[85] 2004-01-23
[86] 2002-08-07 (PCT/US2002/025037)
[87] 2003-02-20 (WO2003/015087)
[30] US (60/310,931) 2001-08-07

[21] **2,455,047**
[13] A1

[51] **Int.Cl. 7C09B 67/00**
[25] EN
[54] **METHOD OF PRODUCING STABILIZED ORGANIC PIGMENT PARTICLES AND DEVICE THEREFOR**
[54] **PROCEDE DE PRODUCTION DE PARTICULES STABILISEES DE PIGMENT ORGANIQUE ET DISPOSITIF CORRESPONDANT**
[72] WITMAN, SANDRA L., US
[72] YEH, AN-GONG, US
[72] HOHMAN, JAMES L., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-01-23
[86] 2002-08-23 (PCT/US2002/026873)
[87] 2003-03-06 (WO2003/018693)
[30] US (60/314,337) 2001-08-23

[21] **2,455,048**
[13] A1

[51] **Int.Cl. 7B32B 3/26**
[25] EN
[54] **METHOD AND COMPOSITION FOR AN IN-MOLD LINER**
[54] **PROCEDE ET COMPOSITION POUR UN REVETEMENT DANS LE MOULE**
[72] GIRAUD, JEAN PIERRE, FR
[71] CSP TECHNOLOGIES, INC., US
[71] GIRAUD, JEAN PIERRE, FR
[85] 2004-01-26
[86] 2002-08-06 (PCT/US2002/025084)
[87] 2003-02-20 (WO2003/013843)
[30] US (60/310,374) 2001-08-06

PCT Applications Entering the National Phase

[21] **2,455,050**
[13] A1

[51] **Int.Cl. 7C07D 403/06**
[25] EN
[54] **CRYSTALS INCLUDING A MALIC ACID SALT OF N-[2-(DIETHYLAMINO)ETHYL]-5-[(5-FLUORO-2-OXO-3H-INDOLE-3-YLIDENE) METHYL]-2, 4-DIMETHYL-1H-PYRROLE-3-CARBOXAMIDE, PROCESSES FOR ITS PREPARATION AND COMPOSITIONS THEREOF**
[54] **CRISTAUX COMPRENANT UN SEL D'ACIDE MALIQUE DE N-[2-(DIETHYLAMINO)ETHYL]-5-[(5-FLUORO-1,2-DIHYDRO-2-OXO-3H-INDOL-3-YLIDENE)METHYL]-2,4-DIMETHYL-1H-PYRROLE-3-CARBOXAMIDE, PROCEDES DE PREPARATION ASSOCIES ET COMPOSITIONS CORRESPONDANTES**
[72] PRESCOTT, STEPHEN P., US
[72] MALONEY, MARK T., US
[72] HAWLEY, MICHAEL, US
[72] FLECK, THOMAS J., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2004-01-23
[86] 2002-08-13 (PCT/US2002/025649)
[87] 2003-02-27 (WO2003/016305)
[30] US (60/312,353) 2001-08-15

[21] **2,455,053**
[13] A1

[51] **Int.Cl. 7B32B 5/14 7B32B 27/04**
[25] EN
[54] **SHEET MATERIAL AND ITS USE IN CIRCUIT BOARDS**
[54] **FEUILLE DE MATERIAU UTILE NOTAMMENT POUR DES CARTES DE CIRCUIT**
[72] SAMUELS, MICHAEL R., US
[72] KAHN, SUBHOTOSH, US
[72] MIKHAIL, LEVIT R., US
[71] E.I. DU PONT DE NEMOURS, US
[85] 2004-01-23
[86] 2002-08-29 (PCT/US2002/027546)
[87] 2003-03-13 (WO2003/022020)
[30] US (60/315,885) 2001-08-30

[21] **2,455,059**
[13] A1

[51] **Int.Cl. 7G10L 13/00 7G10L 19/00 7G10L 21/04**
[25] EN
[54] **SPEECH BANDWIDTH EXTENSION APPARATUS AND SPEECH BANDWIDTH EXTENSION METHOD**
[54] **APPAREIL D'ELARGISSEMENT DE LA LARGEUR DE BANDE VOCALE ET PROCEDE D'ELARGISSEMENT DE LA LARGEUR DE BANDE VOCALE**
[72] OZAWA, KAZUNORI, JP
[71] NEC CORPORATION, JP
[85] 2004-01-23
[86] 2002-07-26 (PCT/JP2002/007605)
[87] 2003-02-06 (WO2003/010752)
[30] JP (2001-226751) 2001-07-26

[21] **2,455,064**
[13] A1

[51] **Int.Cl. 7A61K 9/70 7A61P 15/08 7A61P 15/12 7A61P 5/18 7A61P 5/24**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM BASED ON POLYACRYLATE CONTACT ADHESIVES WITHOUT FUNCTIONAL GROUPS**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE A BASE D'ADHESIFS DE CONTACT POLYACRYLATE DEPOURVUS DE GROUPE FONCTIONNELS**
[72] THEOBALD, FRANK, DE
[72] KLEIN, ROBERT-PETER (DECEASED), ZZ
[72] HILLE, THOMAS, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2004-01-23
[86] 2002-08-13 (PCT/EP2002/009057)
[87] 2003-03-06 (WO2003/017988)
[30] DE (101 41 652.0) 2001-08-24

[21] **2,455,067**
[13] A1

[51] **Int.Cl. 7A61B 10/00 7A61B 18/14**
[25] EN
[54] **TISSUE BIOPSY APPARATUS**
[54] **APPAREIL DE BIOPSIE TISSULAIRE**
[72] DEFONZO, STEPHAN A., US
[72] MCGUCKIN, JAMES F., JR., US
[72] HINCHLIFFE, PETER W. J., US
[71] REX MEDICAL, L.P., US
[85] 2004-01-23
[86] 2002-08-16 (PCT/US2002/026264)
[87] 2003-03-13 (WO2003/020136)
[30] US (09/941,014) 2001-08-28
[30] US (09/940,951) 2001-08-28

[21] **2,455,070**
[13] A1

[51] **Int.Cl. 7D02G 3/44 7A41D 19/015 7D02G 3/32**
[25] EN
[54] **CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE**
[54] **FILS RESISTANT A LA COUPURE, PROCEDE SERVANT A FABRIQUER CES FILS, UN TEXTILE ET UN GANT**
[72] ZHU, REIYAO, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-01-23
[86] 2002-08-20 (PCT/US2002/026401)
[87] 2003-02-27 (WO2003/016602)
[30] US (09/933,694) 2001-08-21

[21] **2,455,073**
[13] A1

[51] **Int.Cl. 7B29B 13/10 7B02C 19/12**
[25] EN
[54] **GRINDING OF LIQUID CRYSTALLINE POLYMERS**
[54] **BROYAGE DE POLYMERES CRISTALLINS LIQUIDES**
[72] SAMUELS, MICHAEL R., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-01-23
[86] 2002-08-29 (PCT/US2002/027544)
[87] 2003-03-13 (WO2003/020484)
[30] US (60/315,885) 2001-08-30
[30] US (60/315,890) 2001-08-30

Demandes PCT entrant en phase nationale

[21] **2,455,075**
[13] A1

[51] **Int.Cl. 7G05D 7/00 7F03D 3/02 7B63H 5/14 7B64C 11/30**
[25] EN
[54] **FLUID FLOW CONTROL MECHANISM**
[54] **SYSTEME DE REGULATION D'ECOULEMENTS LIQUIDES**
[72] ASHWORTH, ERIC, CA
[71] ASHWORTH, ERIC, CA
[85] 2004-01-26
[86] 2002-08-06 (PCT/CA2002/001224)
[87] 2003-02-20 (WO2003/014853)
[30] US (60/309,781) 2001-08-06

[21] **2,455,078**
[13] A1

[51] **Int.Cl. 7B32B 27/00 7H05K 1/03 7B32B 15/08**
[25] EN
[54] **SOLID SHEET MATERIAL ESPECIALLY USEFUL FOR CIRCUIT BOARDS**
[54] **MATERIAU EN FEUILLE SOLIDE UTILE NOTAMMENT POUR LES CARTES DE CIRCUITS**
[72] SAMUELS, MICHAEL R., US
[72] KAHN, SUBHOTOSH, US
[72] LEVIT, MIKHAIL R., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-01-23
[86] 2002-08-29 (PCT/US2002/027545)
[87] 2003-03-13 (WO2003/020511)
[30] US (60/315,890) 2001-08-30

[21] **2,455,079**
[13] A1

[51] **Int.Cl. 7G21C 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED ANALYSIS OF LOAD TESTING RESULTS**
[54] **SYSTEME ET METHODE D'ANALYSE AUTOMATIQUE DE RESULTATS DE CONTROLE DE CHARGE**
[72] SAMOCHA, TZACHI, IL
[72] LANDAN, GIDDY, IL
[71] MERCURY INTERACTIVE CORPORATION, US
[85] 2004-01-26
[86] 2002-08-06 (PCT/US2002/024901)
[87] 2003-02-20 (WO2003/014878)
[30] US (60/310,724) 2001-08-06

[21] **2,455,082**
[13] A1

[51] **Int.Cl. 7A47F 1/00 7A47F 1/04**
[25] EN
[54] **PRODUCT DISPLAY AND DISPENSING SYSTEM**
[54] **SYSTEME DE PRESENTATION ET DE DISTRIBUTION DE PRODUITS**
[72] THOMPSON, STEVEN C., US
[72] BUSTOS, RAFAEL T., US
[71] L & P PROPERTY MANAGEMENT COMPANY, US
[85] 2004-01-26
[86] 2002-07-30 (PCT/US2002/024090)
[87] 2003-02-13 (WO2003/011080)
[30] US (60/308,784) 2001-07-30
[30] US (60/311,771) 2001-08-10
[30] US (09/989,220) 2001-11-20

[21] **2,455,098**
[13] A1

[51] **Int.Cl. 7A61B 17/12**
[25] EN
[54] **LIGATING BAND DISPENSER**
[54] **DISTRIBUTEUR DE FILS DE LIGATURE**
[72] FORTIER, RICHARD, US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2004-01-23
[86] 2003-05-07 (PCT/US2003/014046)
[87] 2003-12-18 (WO2003/103514)
[30] US (10/166,115) 2002-06-11

[21] **2,455,109**
[13] A1

[51] **Int.Cl. 7H01M 12/06 7H01M 12/02 7H01M 4/06 7H01M 6/16 7H01M 4/46 7H01M 4/62**
[25] EN
[54] **METHOD AND PRODUCT FOR IMPROVING PERFORMANCE OF BATTERIES/FUEL CELLS**
[54] **PROCEDE ET PRODUIT PERMETTANT D'AMELIORER LA PERFORMANCE D'ACCUMULATEURS/DE PILES A COMBUSTIBLE**
[72] SPLINTER, STEVEN, CA
[72] JUNG, JOEY CHUNG-YEN, CA
[72] GYENGE, ELOD LAJOS, CA
[72] OLOMAN, COLIN W., CA
[72] OEHR, KLAUS HEINRICH, CA
[71] MAGPOWER SYSTEMS INC., CA
[85] 2004-01-26
[86] 2002-06-25 (PCT/CA2002/000976)
[87] 2003-02-13 (WO2003/012913)
[30] US (09/919,599) 2001-08-01

[21] **2,455,111**
[13] A1

[51] **Int.Cl. 7H04B 7/08**
[25] EN
[54] **RECEPTION DIVERSITY COMBINER WITH SELECTABLE INVERSION AND VARIABLE GAIN**
[54] **MELANGEUR POUR RECEPTION EN DIVERSITE A INVERSION SELECTIONNABLE ET GAIN VARIABLE**
[72] WIGHT, JAMES STUART, CA
[71] ICEFYRE SEMICONDUCTOR CORPORATION, CA
[85] 2004-01-27
[86] 2002-07-26 (PCT/CA2002/001150)
[87] 2003-02-13 (WO2003/013023)
[30] US (60/307,889) 2001-07-27
[30] US (10/068,120) 2002-02-06

[21] **2,455,112**
[13] A1

[51] **Int.Cl. 7H04L 27/02 7H04L 25/02**
[25] EN
[54] **APPATUS FOR EXTRACTING A CLOCK SIGNAL AND A DIGITAL DATA SIGNAL FROM AN AMPLITUDE MODULATED CARRIER SIGNAL IN A RECEIVER, WHEREIN THE SYMBOL RATE EITHER COINCIDES WITH OR IS HALF OF THE CARRIER FREQUENCY**
[54] **DISPOSITIF PERMETTANT D'EXTRAIRE UN SIGNAL D'HORLOGE ET UN SIGNAL DE DONNEES NUMERIQUES D'UN SIGNAL PORTEUR A MODULATION D'AMPLITUDE DANS UN RECEPTEUR, LE DEBIT DE SYMBOLES COINCIDANT AVEC LA FREQUENCE PORTEUSE OU REPRESENTANT LA MOITIE DE CELLE-CI**
[72] DEVLIN, DENNIS J., US
[72] LUHMAN, RICKY K., US
[71] THE PULSAR NETWORKS, INC., US
[85] 2004-01-26
[86] 2002-07-25 (PCT/US2002/023784)
[87] 2003-02-13 (WO2003/013091)
[30] US (09/916,760) 2001-07-27

PCT Applications Entering the National Phase

[21] **2,455,119**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING INVENTORY**
[54] **SYSTEME ET PROCEDE DE GESTION DE STOCK**
[72] BRINKER, JEFFREY T., US
[72] MATOS, TOMAS A. D., US
[72] VAUGHAN, RICHARD A., US
[71] EXPEDIA, INC., US
[85] 2004-01-28
[86] 2002-08-09 (PCT/US2002/025388)
[87] 2003-02-27 (WO2003/017034)
[30] US (09/932,441) 2001-08-17

[21] **2,455,120**
[13] A1

[51] **Int.Cl. 7A61F 2/14**
[25] EN
[54] **METHOD AND INTRA SCLERA IMPLANT FOR TREATMENT OF GLAUCOMA AND PRESBYOPIA**
[54] **METHODE ET IMPLANT INTRA-SCLERAL POUR LE TRAITEMENT DU GLAUCOME ET DE LA PRESBYOPIE**
[72] CASTILLEJOS, DAVID, US
[71] GLACUOMA RESEARCH TECHNOLOGIES, INC., US
[85] 2004-01-26
[86] 2002-08-02 (PCT/US2002/024646)
[87] 2003-02-27 (WO2003/015667)
[30] US (60/310,227) 2001-08-03

[21] **2,455,122**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **METHOD FOR SUPPORTING A NUMBER OF CHECKSUM ALGORITHMS IN A NETWORK NODE**
[54] **PROCEDE DE SUPPORT DE PLUSIEURS ALGORITHMES DE CHECKSUM (SOMME DE CONTROLE) DANS UN NOEUD DE RESEAU**
[72] TUEXEN, MICHAEL, DE
[72] SCHWARZBAUER, HANS JUERGEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-01-28
[86] 2002-05-06 (PCT/DE2002/001626)
[87] 2003-02-13 (WO2003/013098)
[30] DE (101 37 218.3) 2001-07-30

[21] **2,455,123**
[13] A1

[51] **Int.Cl. 7B24B 55/02 7B23K 9/00 7B05B 7/14**
[25] EN
[54] **COHERENT JET NOZZLES FOR GRINDING APPLICATIONS**
[54] **TUYERES D'EJECTION COHERENTES POUR APPLICATIONS DE MEULAGE**
[72] WEBSTER, JOHN A., US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[85] 2004-01-26
[86] 2002-07-31 (PCT/US2002/024256)
[87] 2003-02-27 (WO2003/015988)
[30] US (60/313,733) 2001-08-20
[30] US (10/206,029) 2002-07-26

[21] **2,455,125**
[13] A1

[51] **Int.Cl. 7A61F 2/32**
[25] EN
[54] **PROSTHESIS HAVING A SLEEVE VALVE**
[54] **PROTHESE MUNIE D'UNE VALVE A MANCHON**
[72] MOORE, SCOTT T., US
[72] DUA, KULWINDER S., US
[71] WILSON-COOK MEDICAL, INC., US
[85] 2004-01-28
[86] 2002-07-30 (PCT/US2002/024103)
[87] 2003-02-13 (WO2003/011179)
[30] US (60/309,107) 2001-07-31
[30] US (10/208,736) 2002-07-29

[21] **2,455,126**
[13] A1

[51] **Int.Cl. 7A61K 31/395 7A61P 35/00 7A61K 31/4706**
[25] EN
[54] **ANTINEOPLASTIC COMBINATIONS**
[54] **COMBINAISONS ANTINEOPLASTIQUES**
[72] GIBBONS, JAMES J., JR., US
[72] RABINDRAN, SRIDHAR KRISHNA, US
[71] WYETH, US
[85] 2004-01-26
[86] 2002-08-06 (PCT/US2002/024841)
[87] 2003-03-13 (WO2003/020266)
[30] US (60/310,646) 2001-08-07

[21] **2,455,129**
[13] A1

[51] **Int.Cl. 7A61K 31/352 7A61K 31/05 7C07C 39/23 7C07C 37/68 7A61K 35/78 7C07D 311/80**
[25] EN
[54] **IMPROVEMENTS IN THE EXTRACTION OF PHARMACEUTICALLY ACTIVE COMPONENTS FROM PLANT MATERIALS**
[54] **AMELIORATIONS APORTEES A L'EXTRACTION D'ELEMENTS PHARMACEUTIQUES ACTIFS A PARTIR DE VEGETAUX**
[72] GIBSON, PETER, GB
[72] WHEATLEY, GARY WILLIAM, GB
[72] WHITTLE, BRIAN ANTHONY, GB
[72] HILL, COLIN A., GB
[72] DOWNS, DAVID VICTOR, GB
[72] FLOCKHART, IAN R., GB
[71] GW PHARMA LIMITED, GB
[85] 2004-02-10
[86] 2003-08-14 (PCT/GB2003/003566)
[87] 2004-02-14 (WO2004/016277)
[30] GB (0218901.7) 2002-08-14
[30] US (10/218,972) 2002-08-14

[21] **2,455,130**
[13] A1

[51] **Int.Cl. 7A61N 1/375**
[25] EN
[54] **SPACE-EFFICIENT IMPLANTABLE MEDICAL DEVICE ASSEMBLY AND MANUFACTURING METHODS**
[54] **ASSEMBLAGE DE DISPOSITIF MEDICAL IMPLANTABLE ET PROCEDE DE FABRICATION**
[72] BRUCHMANN, RICHARD A., US
[72] CEBALLOS, THOMAS, US
[72] SCHAEFER, TODD, US
[72] PATRAS, GEORGE, US
[72] TIDEMAND, KEVIN K., US
[72] OLSON, ROBERT L., US
[72] ENGMARK, DAVID B., US
[71] MEDTRONIC, INC., US
[85] 2004-01-26
[86] 2002-08-14 (PCT/US2002/025844)
[87] 2003-03-06 (WO2003/018121)
[30] US (09/934,281) 2001-08-21

Demandes PCT entrant en phase nationale

[21] **2,455,131**
[13] A1
[51] **Int.Cl. 7C07C 2/58 7C07C 1/04
7C07C 4/18 7C07C 5/22 7C07C 2/68**
[25] EN
[54] **PRESSURE-TUNED SOLID
CATALYZED HETEROGENEOUS
CHEMICAL REACTIONS**
[54] **REACTIONS CHIMIQUES
HETEROGENES UTILISANT UN
CATALYSEUR SOLIDE ET UNE
REGULATION DE PRESSION**
[72] LYON, CHRISTOPHER JAMES, US
[72] SUBRAMANIAM, BALA, US
[71] THE UNIVERSITY OF KANSAS, US
[85] 2004-01-26
[86] 2002-08-26 (PCT/US2002/027340)
[87] 2003-03-06 (WO2003/018182)
[30] US (09/940,015) 2001-08-27

[21] **2,455,151**
[13] A1
[51] **Int.Cl. 7E04F 11/00 7E04F 11/02
7E04F 21/26**
[25] EN
[54] **ADJUSTABLE SUPPORT FOR
STEPS**
[54] **SUPPORT REGLABLE POUR
MARCHES D'ESCALIER**
[72] GOBEIL, ERIC, CA
[71] GOBEIL, ERIC, CA
[85] 2003-08-14
[86] 2003-03-07 (PCT/CA2003/000304)
[87] 2003-09-18 (WO2003/076738)
[30] US (10/094,545) 2002-03-08

[21] **2,455,153**
[13] A1
[51] **Int.Cl. 7B60R 19/18**
[25] EN
[54] **ENERGY ABSORBING BUMPER**
[54] **PARE-CHOCS AMORTISSEUR**
[72] CHERRY, WILLIAM W., CA
[71] TALFOURD-JONES INC., CA
[85] 2004-01-26
[86] 2002-07-24 (PCT/CA2002/001145)
[87] 2003-02-13 (WO2003/011650)
[30] US (09/915,525) 2001-07-27

[21] **2,455,158**
[13] A1
[51] **Int.Cl. 7C04B 22/12**
[25] EN
[54] **SETTABLE COMPOSITION
CONTAINING POTASSIUM CHLORIDE**
[54] **MELANGE DURCISSABLE
CONTENANT DU CHLORURE DE
POTASSIUM**
[72] BARBOUR, RONALD, LEE, US
[71] BARBOUR, RONALD, LEE, US
[85] 2004-01-26
[86] 2002-10-08 (PCT/US2002/032017)
[87] 2003-05-01 (WO2003/035572)
[30] US (09/982,854) 2001-10-22

[21] **2,455,164**
[13] A1
[51] **Int.Cl. 7A61M 5/30**
[25] EN
[54] **SILENCING DEVICE AND
METHOD FOR NEEDLELESS SYRINGE**
[54] **DISPOSITIF ATTENUATEUR DE
BRUIT ET PROCEDE DE
FABRICATION D'UNE SERINGUE
SANS AIGUILLE**
[72] KENDALL, MARK ANTHONY
FERNANCE, GB
[71] POWDERJECT RESEARCH
LIMITED, GB
[85] 2004-01-26
[86] 2002-07-25 (PCT/GB2002/003412)
[87] 2003-02-13 (WO2003/011380)
[30] GB (0118266.6) 2001-07-26

[21] **2,455,165**
[13] A1
[51] **Int.Cl. 7E21B 17/06**
[25] EN
[54] **DOWNHOLE RELEASE JOINT**
[54] **JOINT DE DECHARGE DE FOND**
[72] GILLIES, IAN ALEXANDER, GB
[72] MCGARIAN, BRUCE, GB
[71] SMITH INTERNATIONAL, INC., US
[85] 2004-01-26
[86] 2002-07-30 (PCT/GB2002/003473)
[87] 2003-02-13 (WO2003/012245)
[30] GB (0118547.9) 2001-07-30

[21] **2,455,166**
[13] A1
[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **CANNULA STENT**
[54] **STENT EN CANULE**
[72] PARKER, FRED T., US
[72] HANSEN, PALLE M., DK
[72] EHRLINSPIEL, MICHAEL, DE
[71] WILLIAM COOK, EUROPE APS, DK
[71] COOK INCORPORATED, US
[85] 2004-01-26
[86] 2002-10-09 (PCT/US2002/032338)
[87] 2003-04-17 (WO2003/030786)
[30] US (60/327,862) 2001-10-09
[30] US (60/346,988) 2001-10-19
[30] US (60/342,864) 2001-10-22
[30] US (60/335,209) 2001-10-24

[21] **2,455,168**
[13] A1
[51] **Int.Cl. 7G05D 11/03**
[25] EN
[54] **SELF-REGULATING
MICROFLUIDIC DEVICE AND
METHOD OF USING THE SAME**
[54] **DISPOSITIF MICROFLUIDIQUE A
REGULATION AUTOMATIQUE ET
PROCEDE D'UTILISATION ASSOCIE**
[72] BEEBE, DAVID J., US
[72] EDDINGTON, DAVID T., US
[72] MOORE, JEFFREY S., US
[72] LIU, ROBIN H., US
[71] WISCONSIN ALUMNI RESEARCH
FOUNDATION, US
[85] 2004-01-26
[86] 2002-07-12 (PCT/US2002/022125)
[87] 2003-02-13 (WO2003/011460)
[30] US (09/917,523) 2001-07-27

PCT Applications Entering the National Phase

[21] **2,455,179**
[13] A1

[51] **Int.Cl. 7A61K 31/58 7C07D 221/18 7A61K 31/473**
[25] EN
[54] **ANDROGEN RECEPTOR MODULATORS AND METHODS OF USE THEREOF**
[54] **MODULATEURS DU RECEPTEUR DES ANDROGENES ET LEURS PROCEDES D'UTILISATION**
[72] SAHOO, SOUMYA P., US
[72] HUTCHINSON, JOHN H., US
[72] TOWLER, DWIGHT, US
[72] BRESLIN, MICHAEL J., US
[72] SCHMIDT, AZRIEL, US
[72] HARADA, SHUN-ICHI, US
[72] RODAN, GIDEON A., US
[72] HALCZENKO, WASYL, US
[72] DUGGAN, MARK E., US
[71] MERCK & CO., INC., US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/023761)
[87] 2003-02-13 (WO2003/011302)
[30] US (60/308,841) 2001-07-31

[21] **2,455,181**
[13] A1

[51] **Int.Cl. 7A61K 31/407 7C07D 215/18 7C07D 215/20 7C07D 215/22**
[25] EN
[54] **BENZIMIDAZO[4,5-F]ISOQUINOLINONE DERIVATIVES**
[54] **DERIVES DE LA BENZIMIDAZO[4,5-F]ISOQUINOLINONE**
[72] THOMPSON, JAMES E., US
[72] SINCLAIR, PETER J., US
[72] HONG, XINGFANG, US
[72] GOULET, JOUNG L., US
[72] CUMMINGS, RICHARD T., US
[72] CUBBON, ROSE M., US
[71] MERCK & CO., INC., US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/023876)
[87] 2003-02-13 (WO2003/011285)
[30] US (60/309,364) 2001-08-01

[21] **2,455,187**
[13] A1

[51] **Int.Cl. 7D21B 1/00 7D21C 7/00 7D21C 11/00**
[25] EN
[54] **PAPER PLANT - METHOD AND APPARATUS FOR PRODUCING PULP FROM CELLULOSIC FIBROUS RAW MATERIALS AND RECOVERING CHEMICALS AND ENERGY FROM PULP LIQUORS**
[54] **USINE A PAPIER, PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE DE LA PATE A PARTIR DE LA MATIERE PREMIERE FIBREUSE CELLULOSIQUE ET DE RECUPERER DES SUBSTANCES CHIMIQUES ET L'ENERGIE DANS DES LIQUEURS POUR LA FABRICATION DE PATES**
[72] DEAN, TREVOR, GB
[71] BIOREGIONAL MINIMILLS (UK) LIMITED, GB
[85] 2004-01-26
[86] 2002-08-07 (PCT/GB2002/003641)
[87] 2003-02-20 (WO2003/014467)
[30] GB (0119237.6) 2001-08-07

[21] **2,455,197**
[13] A1

[51] **Int.Cl. 7C07C 67/54 7C07C 69/14 7C07C 29/80**
[25] EN
[54] **PROCESS FOR SEPARATING SEC-BUTANOL FROM ETHYL ACETATE**
[54] **PROCEDE POUR SEPARER DU SEC-BUTANOL ET DE L'ACETATE D'ETHYLE**
[72] PACYNKO, WITOLD FRANCISZEK, GB
[72] HETHERINGTON, STEPHEN WARREN, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2004-01-28
[86] 2002-07-25 (PCT/GB2002/003411)
[87] 2003-02-13 (WO2003/011809)
[30] GB (0118553.7) 2001-07-30

[21] **2,455,207**
[13] A1

[51] **Int.Cl. 7C09K 3/18 7C09K 5/00**
[25] EN
[54] **DEICING**
[54] **COMPOSES DE DEGIVRAGE**
[72] SMITH, KEVIN W., US
[72] STANLEY, MARK E., US
[71] CLEARWATER INTERNATIONAL, LLC, US
[85] 2004-01-28
[86] 2002-07-30 (PCT/US2002/024105)
[87] 2004-01-28 (WO2003/012001)
[30] US (60/308,896) 2001-07-31
[30] US (60/315,193) 2001-08-27

[21] **2,455,210**
[13] A1

[51] **Int.Cl. 7A61B 5/055**
[25] EN
[54] **SYSTEMS AND METHODS FOR TARGETED MAGNETIC RESONANCE IMAGING OF THE VASCULAR SYSTEM**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE PAR RESONANCE MAGNETIQUE CIBLEE DU SYSTEME VASCULAIRE**
[72] LAUFFER, RANDALL B., US
[72] CARPENTER, ALAN P., JR., US
[72] CARAVAN, PETER D., US
[72] WITTE, SONIA, US
[72] WEISSKOFF, ROBERT M., US
[71] EPIX MEDICAL, INC., US
[85] 2004-01-29
[86] 2002-07-30 (PCT/US2002/024153)
[87] 2003-02-13 (WO2003/011113)
[30] US (60/308,690) 2001-07-30

[21] **2,455,220**
[13] A1

[51] **Int.Cl. 7G03F 7/029 7B41M 3/00 7G03F 7/004 7G03F 7/031 7B41C 1/05 7C08F 2/50**
[25] EN
[54] **PHOTOINITIATED REACTIONS**
[54] **REACTIONS PHOTOAMORCEES**
[72] BRADLEY, GRANT, GB
[71] LINTFIELD LIMITED, GB
[85] 2004-01-26
[86] 2001-08-03 (PCT/GB2001/003497)
[87] 2002-02-14 (WO2002/012350)
[30] GB (0019251.8) 2000-08-04

Demandes PCT entrant en phase nationale

[21] **2,455,223**
[13] A1
[51] **Int.Cl. 7C07K 14/47 7A61K 38/17 7C07K 14/435 7C07K 14/695**
[25] EN
[54] **CRFR1 SELECTIVE LIGANDS**
[54] **LIGANDS SELECTIFS CRFR1**
[72] PERRIN, MARILYN H., US
[72] RIVIER, JEAN E. F., US
[72] VALE, WYLIE W., JR., US
[72] GUYLAS, JOZSEF, US
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2004-01-28
[86] 2002-07-30 (PCT/US2002/024238)
[87] 2003-02-13 (WO2003/011823)
[30] US (60/309,504) 2001-08-01

[21] **2,455,224**
[13] A1
[51] **Int.Cl. 7A61K 31/00 7A61P 31/12 7A61P 31/14 7A61P 31/18 7A61K 31/70 7A61K 31/7068 7A61K 31/7072**
[25] EN
[54] **USE OF PYRIMIDINE NUCLEOSIDES AND/OR THE PRODRUGS THEREOF FOR COMBATING THE SIDE-EFFECTS OF HAART (HIGHLY ACTIVE ANTI-RETROVIRAL THERAPY) AND OTHER ANTI-VIRAL THERAPIES**
[54] **LUTTE CONTRE DES EFFETS SECONDAIRES**
[72] WALKER, ULRICH, DE
[71] WALKER, ULRICH, DE
[85] 2004-01-26
[86] 2002-02-27 (PCT/DE2002/000721)
[87] 2002-09-12 (WO2002/069943)
[30] DE (101 10 355.7) 2001-03-03

[21] **2,455,226**
[13] A1
[51] **Int.Cl. 7A61K 47/12**
[25] EN
[54] **COMPOSITIONS COMPRISING AN O/W EMULSION CONTAINING CONJUGATED LINOLEIC ACID**
[54] **COMPOSITIONS COMPRENANT UNE EMULSION AQUEUSE CONTENANT UN ACIDE LINOLEIQUE CONJUGUE**
[72] KLAVENESS, JO, NO
[72] REMMEREIT, JAN, NO
[71] NATURAL AS, NO
[85] 2004-01-26
[86] 2002-03-07 (PCT/GB2002/000996)
[87] 2002-09-12 (WO2002/070014)
[30] GB (0105622.5) 2001-03-07

[21] **2,455,229**
[13] A1
[51] **Int.Cl. 7C07J 5/00 7C07J 71/00 7C07J 75/00**
[25] EN
[54] **STEREOSELECTIVE METHOD OF PRODUCING 6.ALPHA.-FLUOROPREGNANES AND INTERMEDIARIES**
[54] **PROCEDE STEREOSELECTIF DE PRODUCTION DE 6.ALPHA.-FLUOROPREGNANES ET D'INTERMEDIAIRES**
[72] SILVA GUIASOLA, LUIS OCTAVIO, ES
[72] MARTIN JUAREZ, JORGE, ES
[72] MURILLO GARRIDO, JOSE VICENTE, ES
[71] RAGACTIVES, S.L., ES
[85] 2004-01-26
[86] 2002-07-24 (PCT/ES2002/000372)
[87] 2003-02-06 (WO2003/010181)
[30] ES (P 200101754) 2001-07-26

[21] **2,455,230**
[13] A1
[51] **Int.Cl. 7H01L 21/00 7H01L 29/06**
[25] EN
[54] **COUPLED QUANTUM DOT AND QUANTUM WELL SEMICONDUCTOR DEVICE AND METHOD OF MAKING THE SAME**
[54] **DISPOSITIF SEMI-CONDUCTEUR A POINTS QUANTIQUES ET A Puits QUANTIQUES COUPLES ET PROCEDE DE PRODUCTION DE CE DERNIER**
[72] DUPUIS, RUSSELL, US
[72] HOLONYAK, NICK, JR., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS, US
[85] 2004-01-28
[86] 2002-07-31 (PCT/US2002/024379)
[87] 2003-02-13 (WO2003/012834)
[30] US (60/309,149) 2001-07-31

[21] **2,455,231**
[13] A1
[51] **Int.Cl. 7A61K 7/06**
[25] EN
[54] **TOPICAL COMPOSITION FOR FOLLICULAR DELIVERY OF AN ORNITHINE DECARBOXYLASE INHIBITOR**
[54] **COMPOSITION TOPIQUE POUR LA DIFFUSION FOLLICULAIRE D'UN INHIBITEUR D'ORNITHINE DECARBOXYLASE**
[72] CHOU, JOYCE T., US
[72] PARAB, PRAKASH, US
[71] WOMEN FIRST HEALTH, INC., US
[85] 2004-01-28
[86] 2002-08-13 (PCT/US2002/025754)
[87] 2003-02-27 (WO2003/015729)
[30] US (60/312,657) 2001-08-15

[21] **2,455,233**
[13] A1
[51] **Int.Cl. 7B21D 39/20 7E21B 43/10**
[25] EN
[54] **APPARATUS FOR AND A METHOD OF EXPANDING TUBULARS**
[54] **DISPOSITIF ET PROCEDE D'EXPANSION D'ELEMENTS TUBULAIRES**
[72] MORRISON, COLIN NEIL, GB
[72] BURGE, PHILIP MICHAEL, GB
[72] OOSTERLING, PETER, NL
[71] E2 TECH LIMITED, US
[85] 2004-01-28
[86] 2002-08-12 (PCT/GB2002/003734)
[87] 2003-02-27 (WO2003/015954)
[30] GB (0119977.7) 2001-08-16

PCT Applications Entering the National Phase

[21] **2,455,235**
[13] A1

[51] **Int.Cl. 7C07D 253/06 7C07D 401/04 7C07D 403/04 7C07D 413/04 7A61K 31/53**
[25] EN
[54] **1,2,4-TRIAZIN-3,5-DIONES AS GONADOTROPIN-RELEASING HORMONE RECEPTOR (GNRH) ANTAGONISTS**
[54] **1,2,4-TRIAZIN-3,5-DIONES COMME ANTAGONISTES DU RECEPTEUR DE L'HORMONE DE LIBERATION DES GONADOTROPHINES (GNRH)**
[72] PONTILLO, JOSEPH, US
[72] WU, DONGPEI, US
[72] GUO, ZHIQIANG, US
[71] NEUROCRINE BIOSCIENCES, INC., US
[85] 2004-01-28
[86] 2002-08-02 (PCT/US2002/024454)
[87] 2003-02-13 (WO2003/011841)
[30] US (60/309,965) 2001-08-02
[30] US (60/309,911) 2001-08-02
[30] US (60/309,981) 2001-08-02

[21] **2,455,236**
[13] A1

[51] **Int.Cl. 7B65D 75/58**
[25] EN
[54] **SHIPPING CONTAINER CONVERTIBLE TO A DISPENSING OR ALL-AROUND DISPLAY CONTAINER**
[54] **RECIPIENT D'EXPEDITION TRANSFORMABLE EN UN RECIPIENT DE DISTRIBUTION OU D'AFFICHAGE MULTIDIRECTIONS**
[72] MCLEOD, MICHAEL, US
[72] ROCHEFORT, OSCAR, US
[71] STONE CONTAINER CORPORATION, US
[85] 2004-01-28
[86] 2002-08-02 (PCT/US2002/024501)
[87] 2003-02-13 (WO2003/011709)
[30] US (60/309,577) 2001-08-02

[21] **2,455,251**
[13] A1

[51] **Int.Cl. 7F02D 11/10 7F02D 9/10 7F16H 35/10**
[25] EN
[54] **DRIVE DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT**
[72] HILDEBRANDT, JOERG, DE
[72] KOHLER, STEFAN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-01-28
[86] 2002-07-17 (PCT/DE2002/002607)
[87] 2003-02-27 (WO2003/016696)
[30] DE (101 37 026.1) 2001-07-30

[21] **2,455,255**
[13] A1

[51] **Int.Cl. 7B30B 15/06 7B30B 15/02 7C23C 16/26**
[25] EN
[54] **METHOD FOR PROCESSING AND PRODUCING A SURFACE WITH A DEGREE OF LUSTRE**
[54] **PROCEDE DE TRAITEMENT ET DE PRODUCTION D'UNE SURFACE PRESENTANT UN DEGRE DE BRILLANCE**
[72] ESPE, ROLF, DE
[72] ESPE, OLIVER, DE
[71] HUECK ENGRAVING GMBH, DE
[85] 2004-01-28
[86] 2002-08-09 (PCT/DE2002/002947)
[87] 2003-02-27 (WO2003/016034)
[30] DE (201 13 503.5) 2001-08-14

[21] **2,455,258**
[13] A1

[51] **Int.Cl. 7G02B 6/38**
[25] EN
[54] **UNIVERSAL ADAPTER**
[54] **ADAPTATEUR UNIVERSEL**
[72] ADOMEIT, JOERG, DE
[72] KRAMER, ANNE, DE
[71] KRONE GMBH, DE
[85] 2004-01-28
[86] 2002-07-27 (PCT/EP2002/008112)
[87] 2003-03-06 (WO2003/019260)
[30] DE (101 41 449.8) 2001-08-23

[21] **2,455,261**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 9/14**
[25] EN
[54] **SPRINKLING METHOD FOR PREPARING POWDER FORMULATIONS**
[54] **PROCEDE DE SAUPOUDRAGE POUR LA PRODUCTION DE FORMULATIONS EN POUDRE**
[72] BOECK, GEORG, DE
[72] WALZ, MICHAEL, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-01-28
[86] 2002-08-03 (PCT/EP2002/008690)
[87] 2003-03-06 (WO2003/017970)
[30] DE (101 41 377.7) 2001-08-23

[21] **2,455,274**
[13] A1

[51] **Int.Cl. 7A61K 49/00**
[25] EN
[54] **ANIMAL MODEL FOR EVALUATING ANALGESICS**
[54] **MODELE ANIMAL POUR L'EVALUATION D'ANALGESIQUES**
[72] JAMALI, FAKHREDDIN, CA
[71] ZAGROS PHARMA LIMITED, CA
[85] 2003-10-09
[86] 2002-04-10 (PCT/IB2002/001140)
[87] 2002-10-24 (WO2002/083110)
[30] US (60/282,497) 2001-04-10

[21] **2,455,277**
[13] A1

[51] **Int.Cl. 7H04L 27/26 7H04L 27/36**
[25] EN
[54] **SIGNAL DECOMPOSITION FOR THE CONTROL OF ITS DYNAMIC RANGE**
[54] **CIRCUITS ET PROCEDES DE CALCUL DESTINES AU TRAITEMENT DE SIGNAUX MODULES A ENVELOPPES NON CONSTANTES**
[72] WIGHT, JAMES STUART, CA
[71] ICEFYRE SEMICONDUCTOR CORPORATION, CA
[85] 2004-01-27
[86] 2002-07-29 (PCT/CA2002/001174)
[87] 2003-02-13 (WO2003/013093)
[30] US (09/918,106) 2001-07-30

Demandes PCT entrant en phase nationale

[21] **2,455,289**
[13] A1

[51] **Int.Cl. 7B65D 41/34**
[25] EN
[54] **A CLOSURE CAP**
[54] **BOUCHON DE FERMETURE**
[72] BOSL, UDO, DE
[72] HABERSAAT, PATRICK, CH
[71] CROWN CORK & SEAL
TECHNOLOGIES CORPORATION, US
[85] 2004-01-28
[86] 2002-08-09 (PCT/EP2002/008948)
[87] 2003-02-27 (WO2003/016161)
[30] EP (01306874.7) 2001-08-13

[21] **2,455,293**
[13] A1

[51] **Int.Cl. 7B65D 33/02 7B65D 75/00**
[25] EN
[54] **FOIL BAG**
[54] **SACHET EN ALUMINIUM**
[72] SCHEFFOLD, EKKEHARD, DE
[71] MARS, INC., US
[85] 2004-01-28
[86] 2002-08-13 (PCT/EP2002/009037)
[87] 2003-02-27 (WO2003/016156)
[30] DE (10140425.5) 2001-08-17

[21] **2,455,298**
[13] A1

[51] **Int.Cl. 7C07D 213/50 7A61P 7/00**
7A61P 9/00 7A61P 11/00 7A61P 17/00
7A61P 29/00 7A61P 43/00 7A61P 11/02
7A61P 19/02 7C07D 471/04 7A61P 1/04
7A61P 17/04 7A61P 11/06 7A61P 37/08
7A61P 13/12 7A61P 27/14 7A61K 31/4418
7A61K 31/4985
[25] EN
[54] **CONDENSED POLYCYCLIC**
COMPOUNDS
[54] **COMPOSES POLYCYCLIQUES**
FUSIONNES
[72] SAKAI, ATSUKO, JP
[72] TERAKAWA, YOSHIHIRO, JP
[72] WADA, KAZUTERU, JP
[72] OGAWA, KOJI, JP
[72] UKITA, TATSUZO, JP
[72] NAKATA, AYA, JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2004-01-28
[86] 2002-07-31 (PCT/JP2002/007783)
[87] 2003-02-27 (WO2003/016279)
[30] JP (2001-241502) 2001-08-09
[30] JP (2001-241517) 2001-08-09
[30] JP (2001-241521) 2001-08-09

[21] **2,455,302**
[13] A1

[51] **Int.Cl. 7G06F 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR**
MANAGING RESERVATION
REQUESTS FOR ONE OR MORE
INVENTORY ITEMS
[54] **SYSTEME ET PROCEDE DE**
GESTION DE DEMANDES DE
RESERVATION D'UN OU PLUSIEURS
ARTICLES EN STOCK
[72] VAUGHAN, RICHARD A., US
[72] SIEGAL, SETH L., US
[71] EXPEDIA, INC., US
[85] 2004-01-28
[86] 2002-08-09 (PCT/US2002/025487)
[87] 2003-02-27 (WO2003/017039)
[30] US (09/932,263) 2001-08-17

[21] **2,455,308**
[13] A1

[51] **Int.Cl. 7C07D 405/06 7C07D 493/08**
7A61K 31/335 7A61K 31/445
[25] EN
[54] **RAPAMYCIN 29-ENOLS**
[54] **29-ENOLS DE LA RAPAMYCINE**
[72] FAWZI, MAHDI BAKIR, US
[72] ZHU, TIANMIN, US
[71] WYETH COMPANY, US
[85] 2004-01-28
[86] 2002-08-21 (PCT/US2002/026622)
[87] 2003-03-06 (WO2003/018573)
[30] US (60/314,211) 2001-08-22

[21] **2,455,311**
[13] A1

[51] **Int.Cl. 7C07D 405/06 7C07D 493/08**
7A61K 31/335 7A61K 31/445
[25] EN
[54] **RAPAMYCIN DIALDEHYDES**
[54] **DIALDEHYDES RAPAMYCINE**
[72] ZHU, TIANMIN, US
[72] FAWZI, MAHDI BAKIR, US
[71] WYETH COMPANY, US
[85] 2004-01-28
[86] 2002-08-22 (PCT/US2002/026717)
[87] 2003-03-06 (WO2003/018574)
[30] US (60/314,249) 2001-08-22

[21] **2,455,317**
[13] A1

[51] **Int.Cl. 7G06F 9/44**
[25] EN
[54] **METHOD AND COMPUTER**
SYSTEM FOR PROVIDING AND
PROCESSING A HUMAN INTERFACE
DESCRIPTION
[54] **PROCEDE ET SYSTEME**
INFORMATIQUE PERMETTANT DE
FOURNIR ET DE TRAITER UNE
DESCRIPTION D'INTERFACE
HUMAINE
[72] AHLERT, DIRK, DE
[72] KOCH, WOLFGANG, DE
[72] LIEBICH, GUNTHER, DE
[71] SAP AKTIENGESELLSCHAFT, DE
[85] 2004-01-27
[86] 2002-04-16 (PCT/EP2002/004206)
[87] 2003-02-13 (WO2003/012632)
[30] EP (01118304.3) 2001-07-27

[21] **2,455,321**
[13] A1

[51] **Int.Cl. 7G06F 9/44**
[25] EN
[54] **METHOD AND COMPUTER**
SYSTEM FOR SEPARATING AND
PROCESSING LAYOUT
INFORMATION AND DATA OF A
DOCUMENT
[54] **PROCEDE ET SYSTEME**
INFORMATIQUE PERMETTANT DE
SEPARER ET DE TRAITER DES
INFORMATIONS DE MISE EN PAGE ET
DES DONNEES D'UN DOCUMENT
[72] AHLERT, DIRK, DE
[72] KOCH, WOLFGANG, DE
[72] LIEBICH, GUNTHER, DE
[71] SAP AKTIENGESELLSCHAFT, DE
[85] 2004-01-27
[86] 2002-04-16 (PCT/EP2002/004208)
[87] 2003-02-13 (WO2003/012633)
[30] EP (01118305.0) 2001-07-27

PCT Applications Entering the National Phase

[21] **2,455,322**
[13] A1

[51] **Int.Cl. 7G06F 9/44 7G06F 17/21 7G06F 17/24**
[25] EN
[54] **METHOD AND COMPUTER SYSTEM FOR CREATING AND PROCESSING A BROWSER COMPLIANT HUMAN INTERFACE DESCRIPTION**
[54] **PROCEDE ET SYSTEME INFORMATIQUE PERMETTANT DE CREER ET TRAITER UNE DESCRIPTION D'INTERFACE HUMAINE COMPATIBLE AVEC LE NAVIGATEUR**
[72] KOCH, WOLFGANG, DE
[72] AHLERT, DIRK, DE
[72] LIEBICH, GUNTHER, DE
[71] SAP AKTIENGESELLSCHAFT, DE
[85] 2004-01-26
[86] 2002-04-16 (PCT/EP2002/004209)
[87] 2003-02-13 (WO2003/012634)
[30] EP (01118306.8) 2001-07-27

[21] **2,455,324**
[13] A1

[51] **Int.Cl. 7B29C 65/16 7A61J 3/07 7B29C 65/10**
[25] EN
[54] **METHOD FOR BONDING MEDICAL INHALATION CAPSULES IN A MATERIAL FIT, AND BONDING DEVICE**
[54] **PROCEDE DE SOUDAGE PAR LIAISON DE MATIERE DE CAPSULES MEDICALES DESTINEES A L'INHALATION ET DISPOSITIF DE SOUDAGE**
[72] HOCHRAINER, DIETER, DE
[72] WACHTEL, HERBERT, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-01-27
[86] 2002-07-05 (PCT/EP2002/007481)
[87] 2003-02-13 (WO2003/011574)
[30] DE (101 37 054.7) 2001-07-28

[21] **2,455,331**
[13] A1

[51] **Int.Cl. 7C08G 77/04 7G02B 1/04 7C09D 183/04 7C08G 77/06 7C09D 183/08 7G02B 1/11 7C08G 77/24 7C08G 77/38 7C08G 77/385**
[25] EN
[54] **HIGH REFRACTIVE INDEX POLYSILOXANES AND THEIR PREPARATION**
[54] **POLYSILOXANES A INDICE DE REFRACTION ELEVE ET LEUR PREPARATION**
[72] CHEVALIER, PIERRE, GB
[72] OU, DUAN LI, GB
[71] DOW CORNING CORPORATION, US
[85] 2004-01-27
[86] 2002-07-18 (PCT/EP2002/008545)
[87] 2003-02-13 (WO2003/011944)
[30] GB (0118473.8) 2001-07-28

[21] **2,455,335**
[13] A1

[51] **Int.Cl. 7C01B 15/029 7C07C 249/04 7C07D 303/04 7B01J 31/06 7C07D 301/12 7C01B 21/26 7B01J 23/42 7B01J 23/44**
[25] EN
[54] **CATALYST AND ITS USE IN THE SYNTHESIS OF HYDROGEN PEROXIDE**
[54] **CATALYSEUR ET UTILISATION DE CELUI-CI DANS LA SYNTHESE DU PEROXYDE D'HYDROGENE**
[72] DE ALBERTI, GIORDANO, IT
[72] BUZZONI, ROBERTO, IT
[72] D'ALOISIO, RINO, IT
[72] PAPANATTO, GIUSEPPE, IT
[71] ENI S.P.A., IT
[71] POLIMERI EUROPA S.P.A., IT
[85] 2004-01-27
[86] 2002-07-30 (PCT/EP2002/008546)
[87] 2003-02-20 (WO2003/014014)
[30] IT (MI2001A001688) 2001-08-02

[21] **2,455,338**
[13] A1

[51] **Int.Cl. 7C04B 24/04 7C04B 28/02**
[25] FR
[54] **LIANT HYDRAULIQUE A VIEILLISSEMENT AMELIORE**
[54] **HYDRAULIC BINDER WITH ENHANCED AGING PROPERTIES**
[72] CARVALHO, QUINTINO, FR
[72] JOUBERT, DANIEL, FR
[72] SARI, MUSTAPHA, FR
[71] RHODIA POLYAMIDE INTERMEDIATES, FR
[85] 2004-01-23
[86] 2002-07-15 (PCT/FR2002/002507)
[87] 2003-02-06 (WO2003/010109)
[30] FR (01/10031) 2001-07-26

[21] **2,455,351**
[13] A1

[51] **Int.Cl. 7C11D 1/00 7C08J 3/00**
[25] EN
[54] **COMPOSITIONS FOR REMOVING METAL IONS FROM AQUEOUS PROCESS SOLUTIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE RETRAIT D'IONS METALLIQUES DE SOLUTIONS AQUEUSES ET LEURS PROCEDES D'UTILISATION**
[72] MORTON, PETER, US
[71] MORTON, PETER, US
[85] 2004-01-28
[86] 2002-08-01 (PCT/US2002/024678)
[87] 2003-02-13 (WO2003/012017)
[30] US (60/309,836) 2001-08-03
[30] US (60/309,837) 2001-08-03
[30] US (60/309,854) 2001-08-03

Demandes PCT entrant en phase nationale

[21] **2,455,354**
[13] A1

[51] **Int.Cl. 7C12N 15/09 7C12Q 1/68**
[25] EN
[54] **METHOD OF CONSTRUCTING CDNA TAG FOR IDENTIFYING EXPRESSED GENE AND METHOD OF ANALYZING GENE EXPRESSION**
[54] **PROCEDE DE CONSTRUCTION D'UN MARQUEUR D'ADNC SERVANT A IDENTIFIER UN GENE EXPRIME, ET PROCEDE D'ANALYSE DE L'EXPRESSION D'UN GENE**
[72] HIROSE, KUNITAKA, JP
[72] KASAI, JUN, JP
[72] YAMAMOTO, NAOKI, JP
[72] YAMAMOTO, MIKIO, JP
[71] YAMAMOTO, NAOKI, JP
[71] YAMAMOTO, MIKIO, JP
[71] KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED, JP
[85] 2003-09-12
[86] 2002-03-13 (PCT/JP2002/002338)
[87] 2002-09-26 (WO2002/074951)
[30] JP (2001-73959) 2001-03-15

[21] **2,455,358**
[13] A1

[51] **Int.Cl. 7A61K 7/48 7A61K 7/00 7A61K 31/565**
[25] FR
[54] **EMULSION INVERSE CONTENANT DE LA DHEA**
[54] **INVERT EMULSION CONTAINING DHEA**
[72] ASTRUC, FANNY, FR
[72] FREDON, LAURENT, FR
[72] ORSONI, SANDRINE, FR
[72] RICHART, PASCAL, FR
[72] SIMONNET, JEAN-THIERRY, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR
[85] 2004-01-27
[86] 2002-07-18 (PCT/FR2002/002569)
[87] 2003-02-13 (WO2003/011243)
[30] FR (01/10398) 2001-08-02

[21] **2,455,360**
[13] A1

[51] **Int.Cl. 7C12N 15/62 7C07K 16/08 7C07K 14/135 7A61K 39/155**
[25] FR
[54] **NOUVEAUX PEPTIDES DERIVES DE LA PROTEINE G DU VRS ET LEUR UTILISATION DANS UN VACCIN**
[54] **NOVEL PEPTIDES OF THE RESPIRATORY SYNCYTIAL VIRUS (RSV) G PROTEIN AND THEIR USE IN A VACCINE**
[72] NGUYEN NGOC, THIEN, FR
[72] CORVAIA, NATHALIE, FR
[72] PLOTNICKY, HELENE, FR
[72] BECK, ALAIN, FR
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2004-01-20
[86] 2002-07-19 (PCT/FR2002/002599)
[87] 2003-02-06 (WO2003/010317)
[30] FR (01/09731) 2001-07-20

[21] **2,455,398**
[13] A1

[51] **Int.Cl. 7C07K 14/70**
[25] FR
[54] **UTILISATION DE FRAGMENTS PEPTIDIQUES DE LA SOUS-UNITE .ALPHA.-1 DES CANAUX CALCIQUES, COMPORTANT LE CAS ECHEANT DES MUTATIONS, POUR LE CRIBLAGE DE MOLECULES D'INTERET THERAPEUTIQUE**
[54] **USE OF PEPTIDE FRAGMENTS OF THE CALCIUM CHANNEL .ALPHA.-1 SUBUNIT, OPTIONALLY COMPRISING MUTATIONS, FOR SCREENING MOLECULES OF THERAPEUTIC INTEREST .**
[72] SABATIER, JEAN-MARC, FR
[72] DE WAARD, MICHEL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2004-01-27
[86] 2002-07-26 (PCT/FR2002/002679)
[87] 2003-02-13 (WO2003/011906)
[30] FR (01/10117) 2001-07-27

[21] **2,455,399**
[13] A1

[51] **Int.Cl. 7A23K 1/18**
[25] EN
[54] **DIRECT-FED MICROBIAL D'AGENT MICROBIEN DANS L'ALIMENTATION DES ANIMAUX**
[72] REHBERGER, THOMAS G., US
[72] O'NEILL, JOHN P., US
[71] THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY, US
[85] 2004-01-23
[86] 2002-07-24 (PCT/US2002/023527)
[87] 2003-02-06 (WO2003/009698)
[30] US (09/912,049) 2001-07-24

[21] **2,455,400**
[13] A1

[51] **Int.Cl. 7A47K 3/36**
[25] EN
[54] **SHOWER DOOR ASSEMBLY**
[54] **ENSEMBLE DE PORTE DE DOUCHE**
[72] GENSLAK, KRISTINA J., US
[72] KOBILIC, MICHAEL A., US
[72] KOPACZ, THOMAS H., US
[71] KOHLER CO.,, US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023359)
[87] 2003-02-06 (WO2003/009734)
[30] US (60/307,555) 2001-07-24

[21] **2,455,402**
[13] A1

[51] **Int.Cl. 7A61N 5/04 7H01Q 9/04 7H01Q 1/18 7H01Q 1/40**
[25] EN
[54] **ELECTROMAGNETIC SENSORS FOR BIOLOGICAL TISSUE APPLICATIONS**
[54] **CAPTEURS ELECTROMAGNETIQUES DESTINES A DES APPLICATIONS SUR DES TISSUS BIOLOGIQUES ET TECHNIQUES D'UTILISATION**
[72] BOUTON, CHAD EDWARD, US
[71] MEDRAD INCORPORATED, US
[85] 2004-01-23
[86] 2002-07-26 (PCT/US2002/023877)
[87] 2003-02-06 (WO2003/009752)
[30] US (60/308,012) 2001-07-26

PCT Applications Entering the National Phase

[21] **2,455,403**
[13] A1

[51] **Int.Cl. 7C07K 14/16 7A61P 33/00**
7C12N 9/12 7A61P 31/12 7A61K 38/16
7C12N 9/16 7A61K 38/45 7A61K 38/46
7C12N 15/48 7C12N 15/54 7C12N 15/55
7G01N 33/68

[25] FR
[54] **PEPTIDES SYNTHETIQUES OU**
NATURELS LIANT LA PROTEINE
PHOSPHATASE 2A, METHODE
D'IDENTIFICATION ET
UTILISATIONS

[54] **SYNTHETIC OR NATURAL**
PEPTIDES BINDING PROTEIN
PHOSPHATASE 2A, IDENTIFICATION
METHOD AND USES

[72] REBOLLO, ANGELITA, ES
[72] LANGSLEY, GORDON, FR
[72] GARCIA, ALPHONSE, FR
[72] CAYLA, XAVIER, FR
[71] CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA
RECHERCHE AGRONOMIQUE - I.N.R.A.,
FR
[71] CONSEJO SUPERIOR DE
INVESTIGACIONES CIENTIFICAS, ES
[71] INSTITUT PASTEUR, FR
[85] 2004-01-22
[86] 2002-07-26 (PCT/FR2002/002705)
[87] 2003-02-13 (WO2003/011898)
[30] FR (01/10139) 2001-07-27

[21] **2,455,404**
[13] A1

[51] **Int.Cl. 7B01L 3/00 7A61B 10/00**
7G01N 1/00

[25] EN
[54] **URINE TEST DEVICE**
[54] **DISPOSITIF D'ANALYSE D'URINE**

[72] ZEIS, JOHN K., US
[72] WEYKER, DANIEL C., US
[72] MARCELLO, THOMAS J., US
[72] COGAN, LORRAINE C., US
[72] TERRAZAS, VERONICA, US
[72] FUJII, ALAN, US
[71] APPLIED BIOTECH, INC., US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023358)
[87] 2003-02-06 (WO2003/009776)
[30] US (09/916,218) 2001-07-25

[21] **2,455,405**
[13] A1

[51] **Int.Cl. 7F17C 1/06**

[25] FR
[54] **PROCEDE DE REALISATION D'UN**
RESERVOIR RENFERMANT DU GAZ
COMPRIME ET RESERVOIR AINSI
OBTENU

[54] **METHOD FOR MAKING A TANK**
CONTAINING COMPRESSED GAS AND
RESULTING TANK

[72] GOFFRE, GERARD, FR
[71] GIAT INDUSTRIES, FR
[85] 2004-01-26
[86] 2002-07-31 (PCT/FR2002/002751)
[87] 2003-02-13 (WO2003/012334)
[30] FR (01/10222) 2001-07-31
[30] FR (01/11274) 2001-08-30

[21] **2,455,408**
[13] A1

[51] **Int.Cl. 7B21D 26/02**

[25] EN
[54] **WORKPIECE FORMING**
[54] **FORMAGE DE PIECE**

[72] KAR, ARAVINDA, US
[72] ACKERMAN, MICHAEL COLIN, GB
[72] NASH, DOUGLAS, GB
[72] JOCELYN, ALAN, GB
[72] WAY, JEROME, GB
[72] FLOWER, TERRY, GB
[72] KEEVIL, ALLAN, GB
[71] UNIVERSITY OF THE WEST OF
ENGLAND, BRISTOL, GB
[85] 2004-01-27
[86] 2002-08-07 (PCT/GB2002/003634)
[87] 2003-02-20 (WO2003/013757)
[30] GB (0119371.3) 2001-08-08

[21] **2,455,409**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**

[25] EN
[54] **A RETRIEVAL SYSTEM AND**
METHOD BASED ON A SIMILARITY
AND RELATIVE DIVERSITY

[54] **SYSTEME ET PROCEDE**
D'EXTRACTION BASE SUR LA
SIMILARITE ET DIVERSITE
RELATIVE

[72] SMYTH, BARRY JOSEPH, IE
[71] UNIVERSITY COLLEGE DUBLIN, IE
[85] 2004-01-26
[86] 2002-07-30 (PCT/IE2002/000113)
[87] 2003-02-13 (WO2003/012684)
[30] IE (S2001/0724) 2001-07-30

[21] **2,455,410**
[13] A1

[51] **Int.Cl. 7A61M 1/14**

[25] EN
[54] **BLOOD DIALYZER**
[54] **DIALYSEUR SANGUIN**

[72] IKEDA, ATUSHI, JP
[71] JMS CO., LTD., JP
[85] 2004-01-27
[86] 2002-07-26 (PCT/JP2002/007597)
[87] 2003-02-06 (WO2003/009888)
[30] JP (2001-228628) 2001-07-27
[30] JP (2002-217467) 2002-07-26

[21] **2,455,411**
[13] A1

[51] **Int.Cl. 7A24D 3/16 7A24D 1/02**
7A24D 3/04

[25] EN
[54] **FILTER FOR CIGARETTE**
[54] **FILTRE A CIGARETTE**

[72] OMORI, FUMIHIRO, JP
[72] ATOBE, ICHIRO, JP
[71] JAPAN TOBACCO INC., JP
[85] 2004-01-29
[86] 2002-07-31 (PCT/JP2002/007807)
[87] 2003-02-20 (WO2003/013286)
[30] JP (2001-235203) 2001-08-02

[21] **2,455,412**
[13] A1

[51] **Int.Cl. 7A24D 3/16 7A24D 1/02**
7A24D 3/04

[25] EN
[54] **FILTER FOR CIGARETTE**
[54] **FILTRE A CIGARETTE**

[72] OMORI, FUMIHIRO, JP
[72] ATOBE, ICHIRO, JP
[71] JAPAN TOBACCO INC., JP
[85] 2004-01-29
[86] 2002-07-31 (PCT/JP2002/007808)
[87] 2003-02-20 (WO2003/013287)
[30] JP (2001-235202) 2001-08-02

Demandes PCT entrant en phase nationale

[21] **2,455,413**
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C12N 15/00 7C12N 15/09 7C12N 15/63 7C12N 15/64 7C12N 15/65 7C12N 15/66 7C12N 15/85**
[25] EN
[54] **MAMMALIAN NEURALIZED FAMILY TRANSCRIPTIONAL REGULATORS AND USES THEREFOR**
[54] **REGULATEURS TRANSCRIPTIONNELS DE LA FAMILLE NEU MAMMIFERE ET UTILISATIONS ASSOCIEES**
[72] PALM, KAIA, US
[72] TIMMUSK, TONIS, FI
[71] CEMINES, LLC, US
[85] 2004-01-27
[86] 2002-03-08 (PCT/US2002/007201)
[87] 2002-09-19 (WO2002/072767)
[30] US (09/808,387) 2001-03-14

[21] **2,455,446**
[13] A1

[51] **Int.Cl. 7A61L 2/18 7C01B 7/09 7C02F 1/76**
[25] EN
[54] **STABILIZED BROMINE SOLUTIONS, METHOD OF MAKING AND USES THEREOF FOR BIOFOULING CONTROL**
[54] **SOLUTIONS DE BROME STABILISEES, PROCEDE DE FABRICATION ET UTILISATIONS DANS LE CONTROLE DES BIOSALISSURES**
[72] YANG, SHUNONG, US
[72] JOHNSON, DONALD A., US
[72] WETEGROVE, ROBERT L., US
[72] COLLIAS, GEORGE J., US
[71] ONDEO NALCO COMPANY, US
[85] 2004-01-27
[86] 2002-07-10 (PCT/US2002/021982)
[87] 2003-02-13 (WO2003/011347)
[30] US (09/920,399) 2001-08-01

[21] **2,455,448**
[13] A1

[51] **Int.Cl. 7G01F 11/00**
[25] EN
[54] **FLUID DISPENSING VALVE AND METHOD OF USE**
[54] **SOUPAPE DE DISTRIBUTION DE FLUIDE ET PROCEDE D'UTILISATION**
[72] DARK, RICHARD, C., G., US
[71] DARK, RICHARD, C., G., US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/023752)
[87] 2003-02-13 (WO2003/012377)
[30] US (60/308,332) 2001-07-27
[30] US (10/005,866) 2001-11-08

[21] **2,455,452**
[13] A1

[51] **Int.Cl. 7A23L 2/02 7A61K 31/00 7A23L 1/304 7A23L 2/39 7A23L 2/44 7A23L 2/56 7A23L 2/60 7A23L 2/68**
[25] EN
[54] **STABLE AND BIOAVAILABLE IRON FORTIFIED BEVERAGES**
[54] **BOISSONS RENFORCEES EN FER STABLES ET BIODISPONIBLES**
[72] AKASHE, AHMAD, US
[72] MARQUEZ, MANUEL, US
[72] BALDWIN, CHERYL, US
[72] LYLE, BARBARA, US
[71] KRAFT FOODS HOLDINGS, INC., US
[85] 2004-01-29
[86] 2002-07-23 (PCT/US2002/023872)
[87] 2003-02-20 (WO2003/013283)
[30] US (09/921,953) 2001-08-03

[21] **2,455,454**
[13] A1

[51] **Int.Cl. 7A61B 3/10**
[25] EN
[54] **MEASURING REFRACTIVE CHARACTERISTICS OF HUMAN EYES**
[54] **MESURE DE CARACTERISTIQUES DE REFRACTION DE L'OEIL HUMAIN**
[72] PALLIKARIS, IOANNIS, GR
[72] WAKIL, YOUSSEF, US
[72] MOLEBNY, VASYL, UA
[71] TRACEY TECHNOLOGIES, LLC, US
[85] 2004-01-27
[86] 2002-07-29 (PCT/US2002/024075)
[87] 2003-02-06 (WO2003/009746)
[30] US (60/308,301) 2001-07-27

[21] **2,455,455**
[13] A1

[51] **Int.Cl. 7A61B 19/00**
[25] EN
[54] **METHOD AND SYSTEM TO DETERMINE REVISED DOSAGE**
[54] **PROCEDE ET SYSTEME DESTINES AU TRAITEMENT D'UN PATIENT AVEC UNE SUBSTANCE BIOLOGIQUE PERMETTANT D'OPTIMISER LA THERAPIE ET D'EMPECHER UN EFFET INDESIRABLE**
[72] MCMICHAEL, JOHN P., US
[72] KUTZCO, JOHN D., US
[72] SINGER, MICHAEL G., US
[71] DIMENSIONAL DOSING SYSTEMS, INCORPORATED, US
[85] 2004-01-26
[86] 2002-07-24 (PCT/US2002/023463)
[87] 2003-02-13 (WO2003/011215)
[30] US (09/916,411) 2001-07-27

[21] **2,455,456**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **ONLINE TRANSACTION RISK MANAGEMENT**
[54] **GESTION DES RISQUES ASSOCIES A UNE TRANSACTION ELECTRONIQUE**
[72] JUNNARKAR, AJAY, US
[72] LAWRENCE, DAVID, US
[71] GOLDMAN SACHS & CO., US
[85] 2004-01-26
[86] 2002-07-30 (PCT/US2002/024123)
[87] 2003-02-13 (WO2003/012589)
[30] US (09/919,413) 2001-07-31

[21] **2,455,462**
[13] A1

[51] **Int.Cl. 7G01N 33/00 7C12N 15/00**
[25] EN
[54] **ANDROGEN RECEPTOR KNOCK-OUT TRANSGENIC ANIMALS**
[54] **ANIMAUX TRANSGENIQUES A INACTIVATION DU RECEPTEUR ANDROGENE**
[72] YEH, SHUYUAN, US
[72] CHANG, CHAWNSHANG, US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2004-01-27
[86] 2002-07-29 (PCT/US2002/024234)
[87] 2003-02-13 (WO2003/012394)
[30] US (60/308,356) 2001-07-27
[30] US (60/381,309) 2002-05-17

[21] **2,455,473**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING FINANCIAL PLANNING AND ADVICE**
[54] **SYSTEME ET PROCEDE DE FOURNIR DE PLANIFICATION ET DE CONSEIL FINANCIERS**
[72] MORAN, WILLIAM J., US
[72] LIPINSKI, PATTI P., US
[72] OSTREM, LINDA, US
[72] VANNEY, BETH M., US
[72] JENSON, JODI, US
[72] LEDSON, MARK, US
[71] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
[85] 2004-01-27
[86] 2002-07-31 (PCT/US2002/024315)
[87] 2003-02-13 (WO2003/012594)
[30] US (60/309,103) 2001-07-31
[30] US (10/210,827) 2002-07-31

PCT Applications Entering the National Phase

[21] **2,455,480**
[13] A1

[51] **Int.Cl. 7G01N 27/49**
[25] EN
[54] **ELECTROCHEMICAL SENSOR**
[54] **CAPTEUR ELECTROCHIMIQUE**
[72] DAVIS, BRIAN K., US
[72] BUSBY, LOUIS J., JR., US
[72] NEIGHOFF, JOHN F., JR., US
[72] SCHEFFLER, TOWNER B., US
[71] MINE SAFETY APPLIANCES COMPANY, US
[85] 2004-01-27
[86] 2002-08-02 (PCT/US2002/024557)
[87] 2003-02-27 (WO2003/016893)
[30] US (60/311,909) 2001-08-13
[30] US (10/164,539) 2002-06-06

[21] **2,455,483**
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 3/00 7A61P 9/00 7A61P 3/04 7A61P 3/06 7A61P 3/10 7A61P 9/10 7A61K 31/12 7A61P 9/12 7A61K 31/122 7C07C 49/233 7C07C 49/255 7C07C 49/333 7C07C 49/35**
[25] EN
[54] **USE OF TRIFLUOROACETYL ALKYL-SUBSTITUTED PHENYL DERIVATIVES, PHENOL DERIVATIVES, AND BENZOYL DERIVATIVES IN THE TREATMENT AND/OR PROPHYLAXIS OF OBESITY AND ACCOMPANYING DISEASES AND/OR SECONDARY DISEASES**
[54] **UTILISATION DE DERIVES DE PHENYLE, DE PHENOL ET DE BENZOYLE SUBSTITUES PAR TRIFLUOROACETYLALKYLE DANS LE TRAITEMENT ET LA PROPHYLAXIE DE L'OBESITE DE SES MALADIES ASSOCIEES ET/OU SECONDAIRES ACCOMPAGNANT L'OBESITE**
[72] ANTEL, JOCHEN, DE
[72] WALDECK, HARALD, DE
[72] GREGORY, PETER-COLIN, DE
[72] POTTHOFF, ANDREAS, DE
[72] IRMER, SABINE, DE
[71] SOLVAY PHARMACEUTICALS GMBH., DE
[85] 2004-01-23
[86] 2002-07-12 (PCT/EP2002/007782)
[87] 2003-01-30 (WO2003/007923)
[30] DE (101 35 027.9) 2001-07-18

[21] **2,455,484**
[13] A1

[51] **Int.Cl. 7H01M 8/00 7H01M 8/02 7H01M 8/24**
[25] EN
[54] **FUEL CELL COMPONENT**
[54] **ELEMENT DE PILE A COMBUSTIBLE**
[72] ZENG, YIXIN, JP
[72] ASAI, YASUYUKI, JP
[72] INAGAKI, TOSHIYUKI, JP
[72] SUZUKI, TOSHIYUKI, JP
[72] OCHI, TSUTOMU, JP
[72] YAGAMI, YUICHI, JP
[72] HIBINO, KOUETSU, JP
[72] KAJIO, KATSUHIRO, JP
[72] TAKAHASHI, TSUYOSHI, JP
[72] NIIMI, HARUHISA, JP
[72] WADA, MIKIO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2004-01-29
[86] 2002-07-31 (PCT/IB2002/002962)
[87] 2003-02-13 (WO2003/012902)
[30] JP (01/233250) 2001-08-01
[30] JP (02/211374) 2002-07-19

[21] **2,455,486**
[13] A1

[51] **Int.Cl. 7G06F 15/16**
[25] EN
[54] **WEB SERVICE DEVELOPMENT PLATFORM FOR ASYNCHRONOUS WEB SERVICES**
[54] **PLATE-FORME DE DEVELOPPEMENT FONDEE SUR DES ANNOTATIONS POUR SERVICE WEB ASYNCHRONE**
[72] CHAVEZ, RODERICK A., US
[72] MARVIN, KYLE W., US
[72] BAU, DAVID III, US
[72] BOSWORTH, ADAM, US
[72] BURD, GARY S., US
[71] BEA SYSTEMS, INC., US
[85] 2004-01-23
[86] 2002-06-28 (PCT/US2002/020671)
[87] 2003-01-16 (WO2003/005221)
[30] US (60/302,892) 2001-07-02
[30] US (10/082,807) 2002-02-22

[21] **2,455,491**
[13] A1

[51] **Int.Cl. 7F16D 27/01 7F16D 7/02 7B65G 13/073**
[25] EN
[54] **MAGNETIC COUPLING ASSEMBLY FOR CONVEYOR ROLLERS**
[54] **ENSEMBLE DE COUPLAGE MAGNETIQUE POUR ROULEAUX DE BANDE TRANSPORTEUSE**
[72] ZWEILI, MARC, CA
[72] RANGER, MICHEL, CA
[71] SIDEL (CANADA) INC., CA
[85] 2004-01-23
[86] 2002-07-16 (PCT/CA2002/001099)
[87] 2003-02-13 (WO2003/012308)
[30] US (09/915,316) 2001-07-27

[21] **2,455,495**
[13] A1

[51] **Int.Cl. 7E02B 7/40 7G05D 7/01**
[25] EN
[54] **FLUID LEVEL CONTROL SYSTEM**
[54] **SYSTEME DE REGULATION DU NIVEAU DE LIQUIDE**
[72] KAMBULOW, EDWARD P., CA
[72] ROYCE, ALAN J., CA
[72] CERNY, JASON J., CA
[72] TRAUBENBERG, GEORGE, CA
[72] KEZELE, DUSKO ANTONIO, CA
[72] TAGHIPOUR, FARIBORZ, CA
[71] TROJAN TECHNOLOGIES, INC., CA
[85] 2004-01-23
[86] 2002-07-26 (PCT/CA2002/001157)
[87] 2003-02-13 (WO2003/012209)
[30] US (09/921,268) 2001-08-03
[30] US (10/067,398) 2002-02-07

[21] **2,455,496**
[13] A1

[51] **Int.Cl. 7B01J 2/20 7B29B 9/10 7B29C 47/30**
[25] EN
[54] **DEVICE FOR EXTRUDING FLOWABLE COMPOUNDS AND METHOD FOR PRODUCING SUCH A DEVICE**
[54] **DISPOSITIF POUR L'EXPRESSION DE MATIERES COULANTES ET PROCEDE POUR LA PRODUCTION D'UN TEL DISPOSITIF**
[72] PECK, FILIPP, DE
[71] SANTRADE LTD., CH
[85] 2004-01-23
[86] 2002-07-04 (PCT/EP2002/007400)
[87] 2003-02-13 (WO2003/011447)
[30] DE (101 38 334.7) 2001-07-27

Demandes PCT entrant en phase nationale

[21] **2,455,498**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7A01N 43/04 7A61K 31/07**
[25] EN
[54] **ANTISENSE MODULATION OF APOLIPOPROTEIN(A) EXPRESSION**
[54] **MODULATION ANTISENS DE L'EXPRESSION DE L'APOLIPOPROTEINE (A)**
[72] GRAHAM, MARK J., US
[72] CROOKE, ROSANNE M., US
[71] ISIS PHARMACEUTICALS, INC., US
[85] 2004-01-27
[86] 2002-08-05 (PCT/US2002/024920)
[87] 2003-02-20 (WO2003/014307)
[30] US (09/923,515) 2001-08-07

[21] **2,455,500**
[13] A1

[51] **Int.Cl. 7B60N 2/20 7A47C 5/12 7B60N 2/30 7B60N 2/64 7B60N 2/68**
[25] EN
[54] **IMPROVED SEATING SYSTEM**
[54] **SYSTEME DE SIEGE PERFECTIONNE**
[72] KOELMAN, HEIN J., DE
[72] ROGERS, STEVE J., US
[72] KURTYCZ, ERIC, US
[72] GUPTA, VIKAS, US
[72] RAMANATHAN, RAVI, US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2004-01-27
[86] 2002-08-12 (PCT/US2002/025184)
[87] 2003-02-27 (WO2003/016091)
[30] US (60/312,874) 2001-08-15
[30] US (60/335,430) 2001-10-31

[21] **2,455,501**
[13] A1

[51] **Int.Cl. 7H04N 7/14**
[25] EN
[54] **METHOD AND APPARATUS FOR VIDEO COMMUNICATION OVER A LIMITED BANDWIDTH MEDIUM**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION VIDEO AU MOYEN D'UN SUPPORT A LARGEUR DE BANDE LIMITEE**
[72] CALLACI, JOHN W., US
[71] JPS INTERNATIONAL, INC., US
[85] 2004-01-27
[86] 2002-08-07 (PCT/US2002/025356)
[87] 2003-02-20 (WO2003/015293)
[30] US (09/927,132) 2001-08-10

[21] **2,455,502**
[13] A1

[51] **Int.Cl. 7G09B 3/00 7G09B 19/00**
[25] EN
[54] **METHOD AND SYSTEM FOR DEVELOPING AND PROVIDING EFFECTIVE TRAINING COURSES**
[54] **PROCEDE ET SYSTEME DE DEVELOPPEMENT ET DE FOURNITURE DE COURS DE FORMATION EFFICACES**
[72] DIEHL, GRAHAM, US
[72] RENNER, TERRI, US
[72] SMITH, MATTHEW, US
[72] BACCARO, PAUL, US
[72] FELICE, JEFF, US
[72] DARLING, LESLEY, US
[72] MARTIN, MARK, US
[72] CONROW, LARRY, US
[71] ELEMENT K ONLINE LLC, US
[85] 2004-01-27
[86] 2002-08-07 (PCT/US2002/025357)
[87] 2003-02-20 (WO2003/015054)
[30] US (60/310,649) 2001-08-07

[21] **2,455,503**
[13] A1

[51] **Int.Cl. 7C08G 18/48 7C08G 18/50**
[25] EN
[54] **PROCESS TO MANUFACTURE FLEXIBLE POLYURETHANE FOAMS**
[54] **PROCEDE DE FABRICATION DE MOUSSES POLYURETHANNES SOUPLES**
[72] SONNEY, JEAN-MARIE L., CH
[72] TU, JOHNSON, CN
[72] COOPER, LANCE A., US
[72] CASATI, FRANCOIS M., FR
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2004-01-27
[86] 2002-08-15 (PCT/US2002/026222)
[87] 2003-02-27 (WO2003/016372)
[30] US (60/312,576) 2001-08-15

[21] **2,455,505**
[13] A1

[51] **Int.Cl. 7A63H 18/00**
[25] EN
[54] **STAGING MECHANISM FOR TOY VEHICLE PLAYSET**
[54] **MECANISME DE DELESTAGE POUR CIRCUIT DE VEHICULES MINIATURES**
[72] SHELTMAN, DAVID A., US
[71] MATTEL, INC., US
[85] 2004-01-27
[86] 2002-09-19 (PCT/US2002/029797)
[87] 2003-12-11 (WO2003/101570)
[30] US (10/159,609) 2002-05-31

[21] **2,455,506**
[13] A1

[51] **Int.Cl. 7C07H 21/02 7A61K 48/00 7C07H 21/04 7C12P 19/34 7C12N 15/85 7C12N 15/86**
[25] EN
[54] **RNA INTERFERENCE MEDIATED TREATMENT OF ALZHEIMER'S DISEASE USING SHORT INTERFERING NUCLEIC ACID (SINA)**
[54] **TRAITEMENT DE LA MALADIE D'ALZHEIMER MEDIE PAR L'INTERFERENCE PAR L'ARN DANS LEQUEL IL EST FAIT APPEL A DE PETITS FRAGMENTS D'ACIDES NUCLEIQUES INTERFERANTS (SINA)**
[72] BEIGELMAN, LEONID, US
[72] MCSWIGGEN, JAMES, US
[71] SIRNA THERAPEUTICS, INC., US
[85] 2004-01-27
[86] 2003-02-18 (PCT/US2003/004710)
[87] 2003-08-28 (WO2003/070895)
[30] US (60/358,580) 2002-02-20
[30] US (60/363,124) 2002-03-11
[30] US (60/386,782) 2002-06-06
[30] US (10/205,309) 2002-07-25
[30] US (60/406,784) 2002-08-29
[30] US (60/408,378) 2002-09-05
[30] US (60/409,293) 2002-09-09
[30] US (60/440,129) 2003-01-15

[21] **2,455,508**
[13] A1

[51] **Int.Cl. 7D21F 7/10**
[25] EN
[54] **PAPERMAKER'S AND INDUSTRIAL FABRIC SEAM**
[54] **FABRICATION DU PAPIER ET COUTURE DE TISSU INDUSTRIEL**
[72] BILLINGS, ALAN L., US
[71] ALBANY INTERNATIONAL CORP., US
[85] 2004-01-27
[86] 2003-04-25 (PCT/US2003/012857)
[87] 2003-12-11 (WO2003/102299)
[30] US (10/159,926) 2002-05-29

PCT Applications Entering the National Phase

[21] **2,455,509**
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G06F 17/00 7G06F 19/00 7A63F 9/24**
[25] EN
[54] **HAND HELD DATA COMPRESSION APPARATUS**
[54] **APPAREIL MANUEL DE COMPRESSION DE DONNEES**
[72] BECK, STEPHEN C., US
[71] 4KIDS ENTERTAINMENT LICENSING, INC., US
[85] 2004-01-27
[86] 2003-05-02 (PCT/US2003/013863)
[87] 2003-11-13 (WO2003/092840)
[30] US (60/377,372) 2002-05-02

[21] **2,455,517**
[13] A1

[51] **Int.Cl. 7B23B 31/20**
[25] EN
[54] **SPACER ELEMENT FOR A COLLET CHUCK AND COLLET CHUCK**
[54] **ELEMENT D'ECARTEMENT POUR UNE PINCE DE SERRAGE ET PINCE DE SERRAGE**
[72] WELLER, HANS-MICHAEL, DE
[71] HAINBUCH GMBH SPANNENDE TECHNIK, DE
[85] 2004-01-23
[86] 2002-07-20 (PCT/EP2002/008105)
[87] 2003-02-13 (WO2003/011503)
[30] DE (101 38 330.4) 2001-07-27

[21] **2,455,522**
[13] A1

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **METHOD OF CUTTING MATERIAL FOR USE IN IMPLANTABLE MEDICAL DEVICE**
[54] **PROCEDE DE DECOUPE DE MATERIAU UTILISE DANS UN DISPOSITIF MEDICAL IMPLANTABLE**
[72] CALI, DOUGLAS S., US
[71] 3F THERAPEUTICS, INC., US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/023904)
[87] 2003-02-06 (WO2003/009785)
[30] US (60/308,268) 2001-07-26

[21] **2,455,510**
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 9/16**
[25] EN
[54] **A HEMOSTATIC COMPOSITION**
[54] **COMPOSITION HEMOSTATIQUE**
[72] SUDARSHAN, TIRUMALAI S., US
[72] KOTHA, SANJAY, US
[71] MATERIALS MODIFICATION, INC., US
[85] 2004-01-26
[86] 2003-05-28 (PCT/US2003/014545)
[87] 2003-12-11 (WO2003/101429)
[30] US (10/157,921) 2002-05-31

[21] **2,455,519**
[13] A1

[51] **Int.Cl. 7B23B 31/20**
[25] EN
[54] **EXCHANGE DEVICE FOR GRIP HEADS COMPRISING A PLURALITY OF CLAMPING JAWS**
[54] **DISPOSITIF D'ECHANGE DE TETES DE SERRAGE COMPORTANT PLUSIEURS MACHOIRES DE SERRAGE**
[72] HETSCHEL, WILHELM, DE
[72] WELLER, HANS-MICHAEL, DE
[71] HAINBUCH GMBH SPANNENDE TECHNIK, DE
[85] 2004-01-23
[86] 2002-07-22 (PCT/EP2002/008162)
[87] 2003-02-13 (WO2003/011504)
[30] DE (101 38 343.6) 2001-07-27

[21] **2,455,523**
[13] A1

[51] **Int.Cl. 7C08F 2/22**
[25] EN
[54] **PROCESS FOR OBTAINING AQUEOUS POLYMERIC DISPERSIONS**
[54] **PROCEDE RELATF A L'ELABORATION DE DISPERSIONS POLYMERES AQUEUSES**
[72] SAIJA, LEO, IT
[72] FINOCCHIARO, STEFANO, IT
[72] BECCHI, DANIELE, IT
[72] LUGLI, MARIO, IT
[71] ATOFINA, FR
[85] 2004-01-23
[86] 2002-08-01 (PCT/EP2002/008793)
[87] 2003-02-13 (WO2003/011914)
[30] IT (MI 2001A001683) 2001-08-02

[21] **2,455,511**
[13] A1

[51] **Int.Cl. 7C08F 220/28 7C09D 133/14**
[25] EN
[54] **HYDROPHOBIC LATTICES AND COATING COMPOSITIONS CONTAINING THEM**
[54] **RESEAUX HYDROPHOBES ET COMPOSITIONS DE REVETEMENT LES CONTENANT**
[72] GRANDHEE, SUNITHA, US
[71] BASF CORPORATION, US
[85] 2004-01-26
[86] 2002-08-09 (PCT/US2002/027077)
[87] 2003-05-08 (WO2003/037943)
[30] US (10/039,721) 2001-10-26

[21] **2,455,520**
[13] A1

[51] **Int.Cl. 7A61K 31/192 7A61P 11/00 7A61P 11/06 7A61K 45/08 7A61K 31/46**
[25] EN
[54] **USE OF A PDE4 INHIBITOR IN COMBINATION WITH AN ANTICHOLINERGIC AGENT FOR THE TREATMENT OF PULMONARY DISEASE SUCH AS ASTHMA**
[54] **METHODE THERAPEUTIQUE**
[72] WARD, PETER, GB
[72] KNOWLES, RICHARD GRAHAM, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2004-01-27
[86] 2002-07-25 (PCT/EP2002/008322)
[87] 2003-02-13 (WO2003/011274)
[30] GB (0118373.0) 2001-07-27

[21] **2,455,525**
[13] A1

[51] **Int.Cl. 7A61M 5/315**
[25] EN
[54] **ELONGATED SYRINGE**
[54] **SERINGUE ALLONGEE**
[72] STONE, CORBETT, US
[71] ARTES MEDICAL USA, INC., US
[85] 2004-01-26
[86] 2002-06-24 (PCT/US2002/023602)
[87] 2003-02-06 (WO2003/009884)
[30] US (60/307,225) 2001-07-24
[30] US (60/377,016) 2002-04-29

Demandes PCT entrant en phase nationale

[21] **2,455,533**
[13] A1

[51] **Int.Cl. 7B62B 13/04**
[25] EN
[54] **HAND STEERABLE SPORTS SCOOTER**
[54] **TROTTINETTE DE SPORT MANUELLEMENT ORIENTABLE**
[72] SPIERS, IVAN, US
[72] ALBERT, FREDRIC, US
[72] MCCLURE, ERIC, US
[71] SIC, LLC, US
[85] 2004-01-26
[86] 2002-07-23 (PCT/US2002/023187)
[87] 2003-02-06 (WO2003/009911)
[30] US (09/912,919) 2001-07-25
[30] US (60/355,710) 2002-02-07
[30] US (10/198,566) 2002-07-18

[21] **2,455,539**
[13] A1

[51] **Int.Cl. 7A61K 31/197 7A61P 3/00 7A61P 43/00**
[25] EN
[54] **SWINE GROWTH PROMOTERS AND METHOD OF PROMOTING SWINE GROWTH**
[54] **PROMOTEURS DE LA CROISSANCE CHEZ LE PORC ET PROCEDE POUR PROMOUVOIR LA CROISSANCE CHEZ LE PORC**
[72] OSHIDA, TOSHIO, JP
[72] TANAKA, TOHRU, JP
[71] COSMO OIL CO., LTD., JP
[85] 2004-01-26
[86] 2002-07-23 (PCT/JP2002/007443)
[87] 2003-02-13 (WO2003/011275)
[30] JP (2001-231351) 2001-07-31

[21] **2,455,544**
[13] A1

[51] **Int.Cl. 7E21B 43/16**
[25] EN
[54] **ACCELERATED PRODUCTION OF GAS FROM A SUBTERRANEAN ZONE**
[54] **PRODUCTION ACCELEREE DE GAZ A PARTIR D'UNE ZONE SOUSTERRAINE**
[72] ZUPANICK, JOSEPH A., US
[72] RIAL, MONTY H., US
[71] CDX GAS, L.L.C., US
[85] 2004-02-13
[86] 2003-09-09 (PCT/US2003/028139)
[87] 2004-03-17 (WO/)
[30] US (10/246,052) 2002-09-17

[21] **2,455,547**
[13] A1

[51] **Int.Cl. 7A61K 31/35 7A61K 31/275 7A61K 31/355 7A61K 31/415**
[25] EN
[54] **USE OF VITAMIN E SUCCINATE AND ANTIANDROGEN COMBINATION**
[54] **UTILISATION DU SUCCINATE DE VITAMINE E ET D'UNE COMBINAISON ANTIANDROGENE**
[72] CHANG, CHAWNSHANG, US
[72] YEH, SHUYUAN, US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2004-01-27
[86] 2002-07-29 (PCT/US2002/023999)
[87] 2003-02-13 (WO2003/011280)
[30] US (60/308,295) 2001-07-27

[21] **2,455,554**
[13] A1

[51] **Int.Cl. 7F02K 1/76**
[25] EN
[54] **THRUST REVERSER POSITION DETERMINATION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE POSITION D'INVERSEUR DE POUSSEE**
[72] JOHNSON, ANDREW T., US
[71] HONEYWELL INTERNATIONAL, INC., US
[85] 2004-01-26
[86] 2002-07-23 (PCT/US2002/023431)
[87] 2003-02-06 (WO2003/010430)
[30] US (60/307,527) 2001-07-24
[30] US () 2002-07-19

[21] **2,455,556**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING FINANCIAL SERVICES**
[54] **PROCEDE ET SYSTEME PERMETTANT DE FOURNIR DES SERVICES FINANCIERS**
[72] REES, KENNETH E., US
[71] CASHWORKS, INC., US
[85] 2004-01-26
[86] 2002-07-24 (PCT/US2002/023528)
[87] 2003-02-06 (WO2003/010702)
[30] US (60/307,655) 2001-07-26
[30] US (10/200,690) 2002-07-22

[21] **2,455,558**
[13] A1

[51] **Int.Cl. 7B60J 3/00**
[25] EN
[54] **SLIDING SUN VISOR**
[54] **PARE-SOLEIL COULISSANT**
[72] PICKEN, ALAN DEAN, US
[72] BRANDL, TERRY LYNN, US
[72] HERBST, STEVEN BRADLEY, US
[72] RILEY, JON THEODORE, US
[72] DAVEY, GEOFFREY WILLIAM, US
[71] INTIER AUTOMOTIVE INC., CA
[85] 2004-01-26
[86] 2002-07-25 (PCT/US2002/023587)
[87] 2003-02-06 (WO2003/010020)
[30] US (60/307,813) 2001-07-25

[21] **2,455,563**
[13] A1

[51] **Int.Cl. 7F24D 11/00**
[25] EN
[54] **UNIT AND METHOD FOR SUPPLYING CONSUMERS WITH HEAT ENERGY OR WITH COOLING ENERGY**
[54] **INSTALLATION ET PROCEDE D'ALIMENTATION DE CONSOMMATEURS EN ENERGIE THERMIQUE OU ENERGIE FRIGORIFIQUE**
[72] SCHWARZ, ALOIS, AT
[71] ENTECH ENERGIE MANAGEMENT AG, AT
[85] 2004-01-23
[86] 2002-06-28 (PCT/AT2002/000190)
[87] 2003-02-06 (WO2003/010469)
[30] AT (A 1168/2001) 2001-07-26

[21] **2,455,565**
[13] A1

[51] **Int.Cl. 7F16L 19/08**
[25] EN
[54] **COUPLING OR TRANSITION FITTING FOR THE CONNECTION OF METAL OR PLASTIC PIPES**
[54] **RACCORD OU RACCORD DE TRANSITION POUR L'ASSEMBLAGE DE CONDUITS EN METAL OU EN PLASTIQUE**
[72] PRIDHAM, MALCOLM, AU
[71] PHILMAC PTY LTD, SA
[85] 2004-01-23
[86] 2002-07-25 (PCT/AU2002/000986)
[87] 2003-02-06 (WO2003/010461)
[30] AU (PR 6609) 2001-07-25
[30] AU (PS 3081) 2002-06-21

PCT Applications Entering the National Phase

[21] **2,455,566**
[13] A1

[51] **Int.Cl. 7A61K 31/05**
[25] EN
[54] **(+)-CYCLOOLIVIL AS ANTIOXIDANT OBTAINED FROM STEREOSPERMUM PERSONATUM**
[54] **ANTIOXYDANT (+) CYCLOOLIVIL OBTENU A PARTIR DE STEREOSPERMUM PERSONATUM**
[72] KUMAR, UPPARAPALLI SAMPATH, IN
[72] RAO, JANASWAMY MADHUSUDANA, IN
[72] TIWARI, ASHOK KUMAR, IN
[72] YADAV, JHILLU SINGH, IN
[72] RAGHAVAN, KONDAPURAM VIJAYA, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[85] 2004-01-23
[86] 2001-08-20 (PCT/IN2001/000147)
[87] 2003-02-13 (WO2003/011268)
[30] US (09/917,604) 2001-07-27

[21] **2,455,577**
[13] A1

[51] **Int.Cl. 7B32B 3/00 7B32B 1/00 7B32B 7/00 7E04B 7/00 7B32B 17/02 7E04C 2/10 7E04C 2/20 7B32B 3/28 7B32B 3/30 7E04C 2/32**
[25] EN
[54] **INSULATION WITH DEPRESSIONS AND METHOD THEREOF**
[54] **ISOLATION ASSUREE PAR DES DEPRESSIONS ET PROCEDE CORRESPONDANT**
[72] GROFT, CORY L., US
[72] DAUBER, THOMAS W., US
[71] GROFT, CORY L., US
[71] DAUBER, THOMAS W., US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/023637)
[87] 2003-02-06 (WO2003/009995)
[30] US (60/307,601) 2001-07-26
[30] US (60/326,724) 2001-10-04

[21] **2,455,583**
[13] A1

[51] **Int.Cl. 7C08J 3/22 7C08K 3/10 7C08K 3/22 7C08K 3/24 7C08K 3/34**
[25] EN
[54] **OXYGEN-SCAVENGING RESIN COMPOSITIONS AND CONTAINERS HAVING LOW HAZE AND RELATED METHODS**
[54] **CONTENANTS ET COMPOSITIONS DE RESINE DESOXYGENANTE A FAIBLE VOILE ET PROCEDES ASSOCIES**
[72] SISSON, EDWIN, US
[72] TUNG, DEBORAH, US
[72] LECKONBY, ROY, US
[71] M&G POLIMERI ITALIA S.P.A., IT
[85] 2004-01-26
[86] 2002-07-25 (PCT/US2002/023824)
[87] 2003-02-06 (WO2003/010225)
[30] US (09/916,671) 2001-07-26
[30] US (/106,162) 2002-07-16

[21] **2,455,574**
[13] A1

[51] **Int.Cl. 7F02D 41/38 7F02M 47/00 7F02D 29/02 7F02D 41/04**
[25] EN
[54] **FUEL INJECTION CONTROLLER OF INTERNAL COMBUSTION ENGINE**
[54] **COMMANDE D'INJECTION DE CARBURANT DANS UN MOTEUR A COMBUSTION INTERNE**
[72] KANEKO, TOMOHIRO, JP
[72] TOMINAGA, HIROYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2004-01-23
[86] 2002-07-23 (PCT/JP2002/007447)
[87] 2003-02-13 (WO2003/012275)
[30] JP (2001-226415) 2001-07-26

[21] **2,455,582**
[13] A1

[51] **Int.Cl. 7F24D 3/08 7F24D 19/00**
[25] EN
[54] **PASSIVE BACK-FLUSHING THERMAL ENERGY SYSTEM**
[54] **SYSTEME D'ENERGIE THERMIQUE A RINCEGE PAR ECOULEMENT INVERSE PASSIF**
[72] HARRISON, STEPHEN J., CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2004-01-23
[86] 2002-08-09 (PCT/CA2002/001241)
[87] 2003-02-20 (WO2003/014627)
[30] US (60/311,095) 2001-08-10

[21] **2,455,584**
[13] A1

[51] **Int.Cl. 7A23K 3/00 7A23L 3/34**
[25] EN
[54] **METHOD FOR PRESERVING PROCESSED GRAIN AND ANIMAL FEED COMPRISING THE SAME**
[54] **PROCEDE DE CONSERVATION DE GRAIN TRAITE ET DE NOURRITURE POUR ANIMAUX COMPRENANT LEDIT GRAIN**
[72] VINELLI, MONIQUE F., US
[71] INTERNATIONAL STOCK FOOD CORPORATION, US
[85] 2004-01-29
[86] 2002-07-03 (PCT/US2002/019796)
[87] 2003-02-13 (WO2003/011046)
[30] US (09/919,950) 2001-08-02

Demandes PCT entrant en phase nationale

[21] **2,455,586**
[13] A1

[51] **Int.Cl. 7H04Q 7/28 7H04L 12/28 7H04L 12/56**
[25] EN
[54] **MOBILE COMMUNICATION SYSTEM, TRANSMISSION STATION, RECEPTION STATION, RELAY STATION, COMMUNICATION PATH DECIDING METHOD, AND COMMUNICATION PATH DECIDING PROGRAM**
[54] **SYSTEME DE COMMUNICATION MOBILE, STATION D'EMISSION, STATION DE RECEPTION, STATION RELAIS, PROCEDE DE DECISION DE CHEMIN DE COMMUNICATION ET LOGICIEL DE DECISION DE CHEMIN DE COMMUNICATION**
[72] YAMAO, YASUSHI, JP
[72] TAKEDA, SHINJI, JP
[72] OTSU, TORU, JP
[72] FUJIWARA, ATSUSHI, JP
[72] YOSHINO, HITOSHI, JP
[71] NTT DOCOMO INC., JP
[85] 2004-01-26
[86] 2003-05-21 (PCT/JP2003/006360)
[87] 2003-12-04 (WO2003/101132)
[30] JP (2002/153048) 2002-05-27
[30] JP (2003/116095) 2003-04-21

[21] **2,455,588**
[13] A1

[51] **Int.Cl. 7C08J 3/22 7C08K 3/10 7C08K 3/22 7C08K 3/24 7C08K 3/34**
[25] EN
[54] **OXYGEN-SCAVENGING RESINS AND CONTAINERS HAVING MINIMAL COLOR**
[54] **CONTENANTS ET RESINES DESOXYGENANTS AYANT UNE COULEUR MINIMALE**
[72] TUNG, DEBORAH, US
[72] SISSON, EDWIN, US
[72] LECKONBY, ROY, US
[71] M&G POLIMERI ITALIA S.P.A., IT
[85] 2004-01-26
[86] 2002-07-25 (PCT/US2002/023825)
[87] 2003-02-06 (WO2003/010226)
[30] US (09/916,671) 2001-07-26
[30] US (10/195,519) 2002-07-16

[21] **2,455,589**
[13] A1

[51] **Int.Cl. 7A61F 5/56**
[25] EN
[54] **NOCTURNAL ORAL AIRWAY DILATOR**
[54] **DILATEUR DES VOIES RESPIRATOIRES ORAL POUR LA NUIT**
[72] KOWNACKI, CHARLES D., US
[71] KOWNACKI, CHARLES D., US
[85] 2004-01-23
[86] 2001-07-25 (PCT/US2001/023442)
[87] 2003-02-13 (WO2003/011198)

[21] **2,455,593**
[13] A1

[51] **Int.Cl. 7A61B 5/00**
[25] EN
[54] **A BIASED VASCULAR TEMPERATURE MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE DE LA TEMPERATURE VASCULAIRE SOUS TENSION**
[72] VAN LANGENHOVE, GLENN, BE
[72] FOX, STEWART M., GB
[72] DIAMANTOPOULOS, LEONIDAS, BE
[71] THERMOCORE MEDICAL SYSTEMS NV., BE
[85] 2004-01-26
[86] 2002-05-03 (PCT/GB2002/002081)
[87] 2003-02-13 (WO2003/011125)
[30] EP (01306599.0) 2001-08-01
[30] GB (0129647.4) 2001-12-11

[21] **2,455,595**
[13] A1

[51] **Int.Cl. 7A61K 35/72**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR CONTROL OF COCCIDIOSIS**
[54] **PROCEDES ET COMPOSITIONS DESTINES A LA REGULATION DE LA COCCIDIOSE**
[72] DAWSON, KARL A., US
[72] SEFTON, ARNOLD E., CA
[71] ALLTECH, INC., US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/023939)
[87] 2003-02-13 (WO2003/011310)
[30] US (60/308,215) 2001-07-27

[21] **2,455,598**
[13] A1

[51] **Int.Cl. 7A61K 51/12 7A61K 9/127**
[25] EN
[54] **LIPID CONSTRUCTS AS THERAPEUTIC AND IMAGING AGENTS**
[54] **CONSTRUCTIONS LIPIDIQUES UTILISEES COMME AGENTS THERAPEUTIQUES ET AGENTS D'IMAGERIE**
[72] WARTCHOW, CHARLES AARON, US
[72] PEASE, JOHN S., US
[72] DECHENE, NEAL EDWARD, US
[71] TARGESOME, INC., US
[85] 2004-01-26
[86] 2002-07-26 (PCT/US2002/023947)
[87] 2003-02-13 (WO2003/011345)
[30] US (60/308,347) 2001-07-27
[30] US (09/976,254) 2001-10-11

[21] **2,455,602**
[13] A1

[51] **Int.Cl. 7A61K 31/47 7C07K 4/00 7C07K 7/00 7A61K 38/03 7C07K 7/06 7A61K 38/07 7A61K 38/08**
[25] EN
[54] **PROTEIN KINASE INHIBITORS COMPRISING ATP MIMETICS CONJUGATED TO PEPTIDES OR PEPTIDOMIMETICS**
[54] **INHIBITEURS DE PROTEINE KINASE COMPRENANT DES MIMETIQUES DE ATP CONJUGUES A DES PEPTIDES OU A DES PEPTIDOMIMETIQUES**
[72] PERLMUTTER, BORIS, IL
[72] YECHYZKEL, TAMAR, IL
[72] SALITRA, YOSEF, IL
[72] SENDEROWITZ, HANOC, IL
[72] OHNE, ONSAT, IL
[72] LITMAN, PNINIT, IL
[72] COHEN, ILANA, IL
[72] LIVNAH, NURIT, IL
[71] PEPTOR LTD., IL
[85] 2004-01-23
[86] 2002-07-25 (PCT/IL2002/000618)
[87] 2003-02-06 (WO2003/010281)
[30] IL (144583) 2001-07-26

PCT Applications Entering the National Phase

[21] **2,455,604**
[13] A1

[51] **Int.Cl. 7A41D 13/01 7G02B 5/124**
[25] EN
[54] **VAPOR PERMEABLE
RETROREFLECTIVE GARMENT**
[54] **VETEMENT
RETROREFLECHISSANT
PERMEABLE A LA VAPEUR**
[72] SHUSTA, JEANINE M., US
[72] FEDUZI, RINO A., US
[72] JENSEN, ROBERT L, JR., US
[71] 3M INNOVATIVE PROPERTIES
COMPANY, US
[85] 2004-01-29
[86] 2002-06-27 (PCT/US2002/020611)
[87] 2003-02-13 (WO2003/011064)
[30] US (09/918,267) 2001-07-30

[21] **2,455,609**
[13] A1

[51] **Int.Cl. 7B05B 11/00 7B65D 1/04
7B65D 81/32**
[25] EN
[54] **DISPENSING CONTAINER**
[54] **CONTENANT DISTRIBUTEUR**
[72] BUTLER, DAVID GEORGE, GB
[71] BETTIX LIMITED, GB
[85] 2004-01-26
[86] 2002-07-26 (PCT/GB2002/003427)
[87] 2003-02-13 (WO2003/011474)
[30] GB (0118197.3) 2001-07-26

[21] **2,455,611**
[13] A1

[51] **Int.Cl. 7B23K 20/12**
[25] EN
[54] **FRICTION STIR TOOL FOR
FRICTION WELDING**
[54] **OUTIL DE MELANGE PAR
FRICTION DESTINE AU SOUDAGE
PAR FRICTION**
[72] SILVANUS, JUERGEN, DE
[72] RAETHER, KLAUS, DE
[72] ZIMMERMANN, WERNER, DE
[71] EADS DEUTSCHLAND GMBH, DE
[85] 2004-01-26
[86] 2002-08-02 (PCT/DE2002/002858)
[87] 2003-02-27 (WO2003/015975)
[30] DE (101 39 687.2) 2001-08-11

[21] **2,455,615**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 45/00
7A01K 67/02 7C12P 21/02 7C07K 16/18
7C07K 14/435 7C07K 14/47 7G01N 33/53
7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **ISOLATED HUMAN SECRETED
PROTEINS, NUCLEIC ACID
MOLECULES ENCODING HUMAN
SECRETED PROTEINS, AND USES
THEREOF**
[54] **PROTEINES HUMAINES ISOLEES
SECRETEES, MOLECULES D'ACIDES
NUCLEIQUES CODANT POUR
LES DITES PROTEINES ET
UTILISATIONS DE CES PROTEINES**
[72] LADUNGA, ISTVAN, US
[72] LANGIT, EMANUAL MURILLO, US
[72] ZHONG, MIN, US
[72] KETCHUM, KAREN A., US
[72] HU, SONG, US
[71] APPLERA CORPORATION, US
[85] 2004-01-29
[86] 2002-07-10 (PCT/US2002/021671)
[87] 2003-01-23 (WO2003/006485)
[30] US (60/303,817) 2001-07-10
[30] US (10/190,593) 2002-07-09

[21] **2,455,616**
[13] A1

[51] **Int.Cl. 7B65G 45/26**
[25] EN
[54] **SELF-CLEANING ENCLOSED
BELT CONVEYOR FOR LOOSE
MATERIALS**
[54] **TRANSPORTEUR A COURROIE
FERMEE AUTONETTOYANT DESTINE
A DES MATERIAUX EN VRAC**
[72] MAGALDI, MARIO, IT
[71] MAGALDI INDUSTRIES S.R.L., IT
[85] 2004-01-23
[86] 2002-07-22 (PCT/EP2002/008196)
[87] 2003-02-20 (WO2003/013991)
[30] IT (MI2001A001582) 2001-07-24

[21] **2,455,619**
[13] A1

[51] **Int.Cl. 7H04R 7/12 7H04R 31/00**
[25] EN
[54] **PRODUCTION OF NON-PLANAR
MEMBRANES FOR
ELECTROACOUSTIC CONVERTERS**
[54] **FABRICATION DE MEMBRANES
NON PLATES POUR
CONVERTISSEURS
ELECTROACOUSTIQUES**
[72] GEDULDIG, ROLAND, DE
[72] JAHN, TORSTEN, DE
[72] GREB, HORST, US
[72] DEITRICH, MICHAEL, DE
[71] ROHM GMBH & CO. KG, DE
[85] 2004-01-23
[86] 2002-07-09 (PCT/EP2002/007603)
[87] 2003-02-13 (WO2003/013187)
[30] DE (101 35 414.2) 2001-07-25

[21] **2,455,621**
[13] A1

[51] **Int.Cl. 7A61K 31/4433 7A61P 25/00
7A61K 31/15 7A61P 25/16 7A61K 31/198**
[25] EN
[54] **NOVEL USE OF 2-[5-(4-
FLUOROPHENYL)-3-
PYRIDYLMETHYLAMINOMETHYL]-
CHROMANE AND ITS
PHYSIOLOGICALLY ACCEPTABLE
SALTS**
[54] **NOUVELLE UTILISATION DE 2-[5-
(4-FLUOROPHENYL)-3-
PYRIDYLMETHYLAMINOMETHYL]-
CHROMANE ET DE SES SELS
PHYSIOLOGIQUEMENT
ACCEPTABLES**
[72] RUSS, HERMANN, DE
[72] BARTOSZYK, GERD, DE
[72] WEBER, FRANK, DE
[72] SEYFRIED, CHRISTOPH, DE
[71] MERCK PATENT GMBH, DE
[85] 2004-01-23
[86] 2002-07-10 (PCT/EP2002/007660)
[87] 2003-02-06 (WO2003/009835)
[30] EP (01118097.3) 2001-07-26

Demandes PCT entrant en phase nationale

[21] **2,455,622**
[13] A1

[51] **Int.Cl. 7B29C 65/10 7E04D 15/04 7E04D 5/14**
[25] EN
[54] **OBSTRUCTION AVOIDANCE CONTINUOUS SEAM WELDING SYSTEM**
[54] **SYSTEME DE SOUDAGE PRODUISANT UNE SOUDURE CONTINUE ET EVITANT LES OBSTRUCTIONS**
[72] HENEGAR, JEFFREY, US
[71] BFS DIVERSIFIED PRODUCTS, LLC, US
[85] 2004-01-23
[86] 2002-07-19 (PCT/US2002/022994)
[87] 2003-02-13 (WO2003/011572)
[30] US (09/916,988) 2001-07-27

[21] **2,455,624**
[13] A1

[51] **Int.Cl. 7A01N 59/00 7C01B 11/06**
[25] EN
[54] **DISINFECTANT SOLUTION BASED ON SODIUM HYPOCHLORITE, AND PROCESS FOR PREPARING IT**
[54] **SOLUTION DESINFECTANTE A BASE D'HYPOCHLORITE DE SODIUM, ET SON PROCEDE DE PREPARATION**
[72] MARCHETTI, MARCELLO, IT
[72] PINZA, MARIO, IT
[71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT
[85] 2004-01-26
[86] 2002-07-23 (PCT/EP2002/008338)
[87] 2003-02-20 (WO2003/013250)
[30] IT (MI01A001702) 2001-08-03

[21] **2,455,625**
[13] A1

[51] **Int.Cl. 7C08L 23/04 7A61J 1/00 7C08L 23/08 7C08L 23/10 7C08J 5/18 7C08L 23/20 7B32B 27/32**
[25] EN
[54] **AUTOCLAVABLE, NON-ADHERENT, HEAT SEALABLE POLYMER FILMS FOR FABRICATING MONOLAYER AND MULTIPLE LAYERED FILMS AND CONTAINERS**
[54] **FILMS POLYMERIQUES THERMOUDABLES NON ADHERENTS ET AUTOCLIVABLES SERVANT A FORMER DES FILMS MONOCOUCHE ET MULTICOUCHE ET DES CONTENANTS**

[72] SANDFORD, CRAIG, US
[72] WOO, LEE, US
[72] MASTERSON, MICHAEL, US
[72] LING, MICHAEL T. K., MY
[72] BECKER, MICHAEL, US
[72] BONTE, JEAN-CLAUDE, BE
[72] PETERSON, JAMES, US
[72] YANG, TAHUA, US
[72] SHANG, SHERWIN, US
[71] BAXTER INTERNATIONAL INC., US
[85] 2004-01-26
[86] 2002-07-18 (PCT/US2002/022761)
[87] 2003-02-13 (WO2003/011961)
[30] US (09/917,136) 2001-07-27

[21] **2,455,627**
[13] A1

[51] **Int.Cl. 7B05B 7/06 7B05C 17/005**
[25] EN
[54] **AIR ASSISTED, LOW PRESSURE SPRAY EQUIPMENT HAVING AN IMPROVED SPRAY NOZZLE**
[54] **EQUIPEMENT DE PULVERISATION BASSE PRESSION ASSISTEE PAR AIR COMPRIME DOTE D'UNE BUSE DE PULVERISATION AMELIOREE**
[72] WAYT, TERRELL DEAN, US
[72] HUNTER, JACK H., US
[71] BAYER POLYMERS LLC, US
[85] 2004-01-23
[86] 2002-07-18 (PCT/US2002/023150)
[87] 2003-02-13 (WO2003/011472)
[30] US (09/917,298) 2001-07-27

[21] **2,455,628**
[13] A1

[51] **Int.Cl. 7A61K 31/495 7A61P 25/16 7A61P 25/28**
[25] EN
[54] **NEUROPROTECTIVE DRUG MEDICAMENT**
[54] **NEUROPROTECTEUR**
[72] BORSINI, FRANCO, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-01-26
[86] 2002-08-02 (PCT/EP2002/008614)
[87] 2003-02-20 (WO2003/013539)
[30] DE (101 38 273.1) 2001-08-10

[21] **2,455,630**
[13] A1

[51] **Int.Cl. 7C08L 43/04 7C08K 5/00 7C08L 39/00 7G02B 5/23**
[25] EN
[54] **CURABLE COMPOSITION, CURED ARTICLE OBTAINED THEREFROM, AND PHOTOCHROMIC OPTICAL MATERIAL AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSITION DURCISSABLE, ARTICLE DURCI OBTENU A PARTIR DE CETTE COMPOSITION ET MATERIAU OPTIQUE PHOTOCHROME ET SON PROCEDE DE PRODUCTION**
[72] MOMODA, JUNJI, JP
[72] MORI, KATSUHIRO, JP
[71] TOKUYAMA CORPORATION, JP
[85] 2004-01-26
[86] 2002-03-26 (PCT/JP2002/002921)
[87] 2003-02-13 (WO2003/011967)
[30] JP (2001-227374) 2001-07-27
[30] JP (2001-284521) 2001-09-19

PCT Applications Entering the National Phase

[21] **2,455,631**
[13] A1

[51] **Int.Cl. 7A61K 31/422 7A61P 35/00 7C07D 413/04 7C07D 417/04 7A61P 25/28 7A61K 31/427 7A61K 31/4439**
[25] EN
[54] **AMINOISOXAZOLE DERIVATIVES ACTIVE AS KINASE INHIBITORS**
[54] **DERIVES D'AMINOISOXAZOLE AGISSANT COMME INHIBITEURS DE LA KINASE**
[72] PEVARELLO, PAOLO, IT
[72] SALOM, BARBARA, IT
[72] VULPETTI, ANNA, IT
[72] CAVICCHIOLI, MARCELLO, FR
[71] PHARMACIA ITALIA S.P.A., IT
[85] 2004-01-26
[86] 2002-07-29 (PCT/EP2002/008634)
[87] 2003-02-20 (WO2003/013517)
[30] US (09/921,751) 2001-08-06

[21] **2,455,633**
[13] A1

[51] **Int.Cl. 7A61K 9/22 7A61J 3/00 7A61P 31/00 7A61P 31/02 7A61K 45/06 7A61P 31/10 7A61P 31/12 7A61K 47/30 7A61K 31/4164 7A61K 47/42**
[25] FR
[54] **SYSTEMES THERAPEUTIQUES BIOADHESIFS A LIBERATION PROLONGEE**
[54] **SUSTAINED-RELEASE THERAPEUTIC BIOADHESIVE SYSTEMS**
[72] COSTANTINI, DOMINIQUE, FR
[72] AIACHE, JEAN-MARC, FR
[72] CHAUMONT, CHRISTINE, FR
[71] BIOALLIANCE PHARMA, FR
[85] 2004-01-23
[86] 2002-07-23 (PCT/FR2002/002635)
[87] 2003-02-06 (WO2003/009800)
[30] FR (01/09811) 2001-07-23

[21] **2,455,634**
[13] A1

[51] **Int.Cl. 7A23L 1/30 7A23L 1/0528 7A23L 1/09 7A23L 1/308 7A23L 2/52**
[25] EN
[54] **BEVERAGE WITH STORAGE-STABLE DIETARY FIBER ADDITIVE**
[54] **BOISSON A FIBRES ALIMENTAIRES STABLES AU STOCKAGE AJOUTEES**
[72] WALTER, MARTIN, DE
[72] STOPPOK, EBERHARD, DE
[72] WULLBRANDT, DIETER, DE
[71] NORDZUCKER AG, DE
[85] 2004-01-26
[86] 2002-08-29 (PCT/EP2002/009632)
[87] 2003-03-13 (WO2003/020054)
[30] DE (101 42 433.7) 2001-08-31

[21] **2,455,635**
[13] A1

[51] **Int.Cl. 7A61K 31/426 7A61P 43/00 7A61P 27/02 7A61K 31/427**
[25] FR
[54] **UTILISATION DE DERIVES DE THIAZOLES POUR PREPARER UN MEDICAMENT DESTINE A PROTEGER LES MITOCHONDRIES**
[54] **USE OF THIAZOLE DERIVATIVES FOR PREPARING A MEDICINE FOR PROTECTING MITOCHONDRIA**
[72] CHABRIER DE LASSAUNIÈRE, PIERRE-ETIENNE, FR
[72] AUGUET, MICHEL, FR
[72] HARNETT, JEREMIAH, FR
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R. A.S.), FR
[85] 2004-01-23
[86] 2002-07-25 (PCT/FR2002/002660)
[87] 2003-02-06 (WO2003/009843)
[30] FR (01/09979) 2001-07-26

[21] **2,455,639**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **AUTOMATED LISTING MANAGEMENT**
[54] **GESTION DE LISTAGE AUTOMATIQUE**
[72] HUA-MING, JIN, US
[72] KEN, LIN, US
[72] MATTHEW, ACKLEY, US
[71] FAIRMARKET, INC., US
[85] 2004-01-27
[86] 2002-07-22 (PCT/US2002/023289)
[87] 2003-01-30 (WO2003/009105)
[30] US (60/306,828) 2001-07-20

[21] **2,455,642**
[13] A1

[51] **Int.Cl. 7E21B 33/138 7E21B 43/25**
[25] EN
[54] **METHOD FOR REDUCING OR COMPLETELY ELIMINATING WATER INFLUX IN AN UNDERGROUND FORMATION, AND CROSSLINKABLE COPOLYMERS FOR IMPLEMENTING SAID METHOD**
[54] **PROCEDE POUR DIMINUER OU STOPPER COMPLETEMENT DES ARRIVEES D'EAU DANS UNE FORMATION SOUTERRAINE, ET COPOLYMERES RETICULABLES POUR REALISER CE PROCEDE**
[72] HEIER, KARL HEINZ, DE
[72] MORSCHHAEUSER, ROMAN, DE
[72] KAYSER, CHRISTOPH, DE
[72] TARDI, ARANKA, DE
[72] GUNN, ALISTAIR, GB
[72] SCHAEFER, MICHAEL, DE
[72] MORGAN, JAMES C., GB
[71] TR OIL SERVICES, GB
[85] 2004-01-26
[86] 2002-09-24 (PCT/EP2002/010683)
[87] 2003-04-24 (WO2003/033860)
[30] DE (101 50 190.0) 2001-10-12

[21] **2,455,643**
[13] A1

[51] **Int.Cl. 7F23Q 7/12 7F23D 11/36**
[25] EN
[54] **UTILITY LIGHTER**
[54] **ALLUMEUR DOMESTIQUE**
[72] DIJKSTRA, TJEERD, NL
[71] ZIPPO MANUFACTURING COMPANY, US
[85] 2004-01-23
[86] 2002-07-26 (PCT/US2002/023629)
[87] 2003-02-13 (WO2003/012340)
[30] US (60/308,348) 2001-07-27

[21] **2,455,645**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **A SYSTEM TO VISUALIZE AN ELECTRONICALLY RECORDED PRESENTATION**
[54] **SYSTEME DE VISUALISATION DE PRESENTATION ELECTRONIQUE ENREGISTREE**
[72] HEIKINHEIMO, MIKA, FI
[71] FLANDERIT - MOBILE SOLUTIONS LTD, FI
[85] 2004-01-27
[86] 2002-03-14 (PCT/FI2002/000205)
[87] 2002-09-26 (WO2002/075590)
[30] FI (20010522) 2001-03-15

Demandes PCT entrant en phase nationale

[21] **2,455,646**
[13] A1

[51] **Int.Cl. 7C02F 1/50**
[25] EN
[54] **CONTROL OF DEVELOPMENT OF BIOFILMS IN INDUSTRIAL PROCESS WATER**
[54] **LUTTE CONTRE LE DEVELOPPEMENT DE FILMS BIOLOGIQUES DANS LES EAUX INDUSTRIELLES**
[72] BARAK, AYALA, IL
[71] A.Y. LABORATORIES LTD., IL
[85] 2004-01-26
[86] 2002-08-05 (PCT/IL2002/000637)
[87] 2003-02-20 (WO2003/014029)
[30] US (60/310,623) 2001-08-06
[30] US (10/211,965) 2002-08-02

[21] **2,455,654**
[13] A1

[51] **Int.Cl. 7A61K 41/00 7A61K 49/00 7A61P 43/00 7A61K 49/04 7A61P 3/10 7A61P 1/18 7A61K 31/409 7A61K 31/555**
[25] EN
[54] **DIAGNOSIS AND TREATMENT OF INSULIN-DEPENDENT DIABETES MELLITUS AND INSULITIS**
[54] **DIAGNOSTIC ET TRAITEMENT DU DIABETE SUCRE INSULINO-DEPENDANT ET DE L'INSULITE**
[72] IMAI, SATOSHI, JP
[72] SAITO, KEIJI, JP
[72] KANAZAWA, MASAO, JP
[72] AIZAWA, KATSUO, JP
[71] MEIJI SEIKA KAISHA, LTD., JP
[85] 2004-01-27
[86] 2002-06-27 (PCT/JP2002/006510)
[87] 2003-01-09 (WO2003/002145)
[30] JP (2001-194999) 2001-06-27

[21] **2,455,660**
[13] A1

[51] **Int.Cl. 7F01L 13/00**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE VALVE CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE DE SOUPEPE DE MOTEUR A COMBUSTION INTERNE**
[72] YAMAKI, TOSHIHIRO, JP
[72] OZAWA, HIDETAKA, JP
[72] SHIMIZU, YASUO, JP
[72] SAKAI, HISAO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2004-01-23
[86] 2002-07-26 (PCT/JP2002/007624)
[87] 2003-02-06 (WO2003/010420)
[30] JP (2001-226709) 2001-07-26
[30] JP (2002-211325) 2002-07-19

[21] **2,455,663**
[13] A1

[51] **Int.Cl. 7A61N 5/02**
[25] EN
[54] **RADIOTHERAPY APPARATUS**
[54] **APPAREIL DE TRAITEMENT RADIOLOGIQUE**
[72] YAMASHITA, ICHIRO, JP
[72] MIHARA, KAZUMASA, JP
[72] KAMINO, YUICHIRO, JP
[72] WAKAMOTO, IKUO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2004-01-23
[86] 2002-08-23 (PCT/JP2002/008505)
[87] 2003-03-06 (WO2003/018131)
[30] JP (2001-254891) 2001-08-24
[30] JP (2001-254892) 2001-08-24

[21] **2,455,666**
[13] A1

[51] **Int.Cl. 7B41F 31/02 7B41F 33/14 7G01J 3/51**
[25] EN
[54] **PRINTING METHOD, PRINTED MATTER, AND PRINTING CONTROLLER**
[54] **PROCEDE D'IMPRESSION, MATIERE IMPRIMEE ET CONTROLEUR D'IMPRESSION**
[72] ICHINOSE, TAKASHI, JP
[72] MOGI, MASAO, JP
[72] SHIMAMURA, YOSHIKAZU, JP
[71] TOPPAN PRINTING CO., LTD., JP
[85] 2004-01-26
[86] 2002-10-15 (PCT/JP2002/010678)
[87] 2003-04-24 (WO2003/033266)
[30] JP (2001-316453) 2001-10-15
[30] JP (2002-94456) 2002-03-29
[30] JP (2002-94457) 2002-03-29
[30] JP (2002-94458) 2002-03-29

[21] **2,455,672**
[13] A1

[51] **Int.Cl. 7G06F 13/00 7G06F 3/153 7G06F 17/30 7H04N 1/41 7H04N 1/411 7H04N 1/413 7H04N 1/417 7H04N 1/419**
[25] EN
[54] **ELECTRONIC DOCUMENT VIEWING SYSTEM AND METHOD THEREFOR**
[54] **SYSTEME ET PROCEDE DE LECTURE DE DOCUMENT ELECTRONIQUE**
[72] WANG, SHENGJIN, JP
[71] NEC CORPORATION, JP
[85] 2004-01-26
[86] 2002-12-12 (PCT/JP2002/013024)
[87] 2003-07-03 (WO2003/054708)
[30] JP (2001-377987) 2001-12-12

PCT Applications Entering the National Phase

[21] **2,455,676**
[13] A1

[51] **Int.Cl. 7B01J 47/12 7C08J 5/20 7C02F 1/46**
[25] EN
[54] **ELECTRIC DEMINERALIZATION APPARATUS**
[54] **APPAREIL ELECTRIQUE DE DEMINERALISATION**
[72] TAKAHASHI, YOHEI, JP
[72] NAKANISHI, SYU, JP
[72] FUJIWARA, KUNIO, JP
[72] KAWAMOTO, TAKAYOSHI, JP
[72] AKIYAMA, TORU, JP
[71] EBARA CORPORATION, JP
[85] 2004-01-26
[86] 2002-12-27 (PCT/JP2002/013856)
[87] 2003-07-10 (WO2003/055604)
[30] JP (2001-396540) 2001-12-27
[30] JP (2001-400066) 2001-12-28
[30] JP (2001-400076) 2001-12-28

[21] **2,455,677**
[13] A1

[51] **Int.Cl. 7B01J 19/00 7E21B 43/00**
[25] EN
[54] **DYNAMIC REDUCTION OF THE MOISTURE LAYER DURING THE DISPLACEMENT OF A VISCOELASTIC FLUID USING A FLUID WITH LOWER VISCOSITY**
[54] **REDUCTION DYNAMIQUE DE LA COUCHE D'HUMIDITE AU COURS DU DEPLACEMENT D'UN FLUIDE VISCOELASTIQUE A L'AIDE D'UN FLUIDE DE PLUS FAIBLE VISCOSITE**
[72] LOPEZ DE HARO, MARIANO, MX
[72] DEL RIO PORTILLA, JESUS ANTONIO, MX
[71] CORVERA-POIRE, EUGENIA, MX
[85] 2004-01-23
[86] 2002-07-22 (PCT/MX2002/000068)
[87] 2003-02-27 (WO2003/015911)
[30] MX (PA/A2001/007424) 2001-07-23

[21] **2,455,678**
[13] A1

[51] **Int.Cl. 7B29C 49/02 7B29D 1/00**
[25] EN
[54] **METHOD FOR PRODUCING A CONTAINER PROVIDED WITH A SCREW CAP ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN RECIPIENT COMPORTANT UN ASSEMBLAGE DE GOULOT A VIS**
[72] ROSEN, AKE, SE
[71] ECO LEAN RESEARCH & DEVELOPMENT A/S, DK
[85] 2004-01-26
[86] 2002-08-21 (PCT/SE2002/001500)
[87] 2003-05-22 (WO2003/041942)
[30] SE (0102788-7) 2001-08-22

[21] **2,455,679**
[13] A1

[51] **Int.Cl. 7C10L 1/18 7C10L 10/04**
[25] EN
[54] **ADDITIVES WITH A REDUCED TENDENCY TO EMULSIFY, WHICH IMPROVE THE LUBRICATING ACTION OF HIGHLY DESULPHURISED FUEL OILS**
[54] **ADDITIFS AMELIORANT L'ACTION LUBRIFIANTE D'HUILES COMBUSTIBLES HAUTEMENT DESULFUREES ET PRESENTANT UNE TENDANCE REDUITE A L'EMULSION**
[72] KRULL, MATTHIAS, DE
[72] KUPETZ, MARKUS, DE
[71] CLARIANT GMBH, DE
[85] 2004-01-26
[86] 2002-07-09 (PCT/EP2002/007616)
[87] 2003-02-13 (WO2003/012015)
[30] DE (101 36 828.3) 2001-07-27

[21] **2,455,680**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61P 27/02 7A61K 9/16 7A61K 31/50 7A61K 9/51 7A61K 31/55**
[25] EN
[54] **OPHTHALMIC DEPOT FORMULATIONS FOR PERIOCLAR OR SUBCONJUNCTIVAL ADMINISTRATION**
[54] **PREPARATIONS DE DEPOT OPHTHALMIQUE A ADMINISTRATION PERIOCLAIRE OU SOUS-CONJUNCTIVALE**
[72] SCHOCH, CHRISTIAN, CH
[72] AHLHEIM, MARKUS, DE
[72] AUSBORN, MICHAEL, DE
[72] BODMER, DAVID, CH
[71] NOVARTIS AG, CH
[85] 2004-01-26
[86] 2002-09-13 (PCT/EP2002/010314)
[87] 2003-03-27 (WO2003/024420)
[30] GB (0122318.9) 2001-09-14

[21] **2,455,682**
[13] A1

[51] **Int.Cl. 7G02B 26/12 7H04N 3/09**
[25] EN
[54] **SCANNING APPARATUS FOR FORMING IMAGES IN THE MICROWAVE, MM-WAVE OR INFRARED SPECTRAL RANGE**
[54] **APPAREIL DE BALAYAGE DESTINE A FORMER DES IMAGES DANS LE DOMAINE SPECTRAL DES MICRO-ONDES, DES ONDES MM OU DES INFRAROUGES**
[72] LETTINGTON, ALAN H., GB
[71] LETTINGTON, ALAN H., GB
[85] 2004-01-23
[86] 2002-07-24 (PCT/GB2002/003382)
[87] 2003-02-13 (WO2003/012524)
[30] GB (0118242.7) 2001-07-26

Demandes PCT entrant en phase nationale

[21] **2,455,683**
[13] A1

[51] **Int.Cl. 7B60R 19/00 7B60K 11/04 7B60R 19/52**
[25] EN
[54] **FRONT GRILL IMPACT-ABSORBING STRUCTURE FOR A VEHICLE**
[54] **STRUCTURE DE GRILLE AVANT A ABSORPTION DE CHOC POUR VEHICULE**
[72] OKABE, KOJIRO, JP
[72] SATOH, YOUSUKE, JP
[72] ABE, TAKASHI, JP
[72] MARUSHIMA, TATSUO, JP
[72] IBA, SHIGERU, JP
[72] SUWA, TAKAKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2004-01-26
[86] 2002-08-09 (PCT/JP2002/008166)
[87] 2003-03-27 (WO2003/024747)
[30] JP (2001-280118) 2001-09-14
[30] JP (2001-280096) 2001-09-14

[21] **2,455,686**
[13] A1

[51] **Int.Cl. 7C12Q 1/02 7C12N 1/00 7C12N 15/00 7C12N 1/20 7C12Q 1/68 7C12N 15/74**
[25] EN
[54] **METHODS FOR GENERATING ANTIBIOTIC RESISTANT MICROBES AND NOVEL ANTIBIOTICS**
[54] **PROCEDES DE PRODUCTION DE MICROBES RESISTANT AUX ANTIBIOTIQUES ET NOUVEAUX ANTIBIOTIQUES**
[72] NICOLAIDES, NICHOLAS C., US
[72] SASS, PHILIP M., US
[72] GRASSO, LUIGI, US
[72] KLINE, J. BRADFORD, US
[71] MORPHOTEK, INC., US
[85] 2004-01-26
[86] 2001-07-25 (PCT/US2001/023888)
[87] 2003-02-13 (WO2003/012130)

[21] **2,455,688**
[13] A1

[51] **Int.Cl. 7A63H 33/00 7A47G 1/16**
[25] EN
[54] **MIRROR ASSEMBLY FOR INFANT ACTIVITY CENTER**
[54] **ENSEMBLE MIROIR POUR AIRE DE JEU POUR JEUNES ENFANTS**
[72] GOLOS, RONI, IL
[72] WEISMAN, ZAFRIRA, IL
[72] OREN, SHOSHANA, IL
[71] TINY LOVE LTD., IL
[85] 2004-01-23
[86] 2002-07-17 (PCT/IL2002/000578)
[87] 2003-02-06 (WO2003/009917)
[30] IL (144520) 2001-07-24

[21] **2,455,694**
[13] A1

[51] **Int.Cl. 7G01L 9/00 7G01L 15/00 7G01L 13/06**
[25] EN
[54] **PRESSURE SENSOR**
[54] **CAPTEUR DE PRESSION**
[72] MIYAZAWA, KEIJI, JP
[71] YAMATAKE CORPORATION, JP
[85] 2004-01-23
[86] 2002-07-31 (PCT/JP2002/007806)
[87] 2003-02-13 (WO2003/012386)
[30] JP (2001-233143) 2001-08-01

[21] **2,455,698**
[13] A1

[51] **Int.Cl. 7E21B 7/00 7E21B 21/08**
[25] EN
[54] **SYSTEM FOR CONTROLLING THE OPERATING PRESSURES WITHIN A SUBTERRANEAN BOREHOLE**
[54] **SYSTEME DE CONTROLE DE LA PRESSION D'EXPLOITATION DANS UN TROU DE FORAGE SOUTERRAIN**
[72] BURKHARD, ALAN, US
[72] CHANG, LINGO, US
[72] SUTER, ROGER, US
[71] M-I, L.L.C., US
[85] 2004-01-26
[86] 2002-07-22 (PCT/US2002/023068)
[87] 2003-02-13 (WO2003/012243)
[30] US (09/918,929) 2001-07-31

[21] **2,455,704**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7G01S 5/00 7H04B 1/707**
[25] EN
[54] **SYSTEM AND METHOD OF ESTIMATING EARLIEST ARRIVAL OF CDMA FORWARD LINK SIGNALS**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ESTIMER L'ARRIVEE AU PLUS TOT DE SIGNAUX DE LIAISON AVAL AMRC**
[72] FERNANDEZ-CORBATON, IVAN, US
[72] LEVANON, NADAV, IL
[71] QUALCOMM INCORPORATED, US
[85] 2004-01-26
[86] 2002-07-25 (PCT/US2002/023917)
[87] 2003-02-13 (WO2003/013178)
[30] US (09/919,626) 2001-07-27

[21] **2,455,711**
[13] A1

[51] **Int.Cl. 7A61K 31/557 7A61K 31/56**
[25] EN
[54] **AS-NEEDED ADMINISTRATION OF ORALLY ACTIVE ANDROGENIC AGENTS TO ENHANCE FEMALE SEXUAL DESIRE AND RESPONSIVENESS**
[54] **ADMINISTRATION EN FONCTION DES BESOINS D'AGENTS ANDROGENES ACTIFS SUR LE PLAN ORAL AUX FINS D'ACCROISSEMENT DU DESIR SEXUEL ET DE LA FACULTE DE REACTION SEXUELLE CHEZ LA FEMME**
[72] WILSON, LELAND F., US
[72] TAM, PETER Y., US
[71] VIVUS, INC., US
[85] 2004-01-27
[86] 2002-07-26 (PCT/US2002/023840)
[87] 2003-02-13 (WO2003/011300)
[30] US (09/919,471) 2001-07-27

PCT Applications Entering the National Phase

[21] **2,455,718**
[13] A1
[51] **Int.Cl. 7C07D 301/12 7C07D 301/32**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF PROPYLENE OXIDE**
[54] **PROCEDE DE FABRICATION D'OXYDE DE PROPYLENE**
[72] RUDOLF, PETER, DE
[72] TELES, JOAQUIM HENRIQUE, DE
[72] REHFINGER, ALWIN, DE
[72] RIEBER, NORBERT, DE
[72] BERG, ANNE, BE
[72] BASSLER, PETER, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-01-26
[86] 2002-07-30 (PCT/EP2002/008487)
[87] 2003-02-13 (WO2003/011845)
[30] DE (101 37 543.3) 2001-08-01

[21] **2,455,722**
[13] A1
[51] **Int.Cl. 7A61K 35/72 7A61K 38/00 7C07K 1/00 7C12N 1/00 7C12P 1/00 7C12P 21/00 7C12P 1/02 7C12N 1/14 7A61K 38/16 7C12N 1/16 7C12N 1/18 7A61K 38/36 7A61K 38/37**
[25] EN
[54] **FERMENTATION MEDIUM AND METHOD**
[54] **PROCEDE ET MILIEU DE FERMENTATION**
[72] ZAMOST, BRUCE L., US
[71] ZYMOGENETICS, INC., US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023264)
[87] 2003-02-06 (WO2003/009858)
[30] US (60/307,302) 2001-07-23

[21] **2,455,724**
[13] A1
[51] **Int.Cl. 7A63B 37/12**
[25] EN
[54] **GOLF BALL COMPRISING SILICONE MATERIAL**
[54] **BALLE DE GOLF CONTENANT UNE MATIERE EN SILICONE**
[72] BINETTE, MARK L., US
[72] SULLIVAN, MICHAEL J., US
[71] CALLAWAY GOLF COMPANY, US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023265)
[87] 2003-02-06 (WO2003/009903)
[30] US (09/911,953) 2001-07-24

[21] **2,455,726**
[13] A1
[51] **Int.Cl. 7A61K 35/44**
[25] EN
[54] **TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS**
[54] **TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE AVEC DES CELLULES DU SANG OMBILICAL**
[72] FINKLESTEIN, SETH P., US
[72] BROWN, ROBERT H., US
[71] VIACELL, INC., US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023368)
[87] 2003-02-06 (WO2003/009857)
[30] US (60/307,227) 2001-07-23

[21] **2,455,728**
[13] A1
[51] **Int.Cl. 7A61K 31/56**
[25] EN
[54] **AS-NEEDED ADMINISTRATION OF AN ANDROGENIC AGENT TO ENHANCE FEMALE SEXUAL DESIRE AND RESPONSIVENESS**
[54] **ADMINISTRATION D'UN AGENT ANDROGENE EN FONCTION DES BESOINS AFIN D'AMELIORER LE DESIR ET LA SENSIBILITE SEXUELS CHEZ LA FEMME**
[72] TAM, PETER Y., US
[72] WILSON, LELAND F., US
[71] VIVUS, INC., US
[85] 2004-01-27
[86] 2002-07-26 (PCT/US2002/023847)
[87] 2003-02-13 (WO2003/011301)
[30] US (09/919,472) 2001-07-27

[21] **2,455,732**
[13] A1
[51] **Int.Cl. 7A62D 3/00 7B09B 3/00 7E21B 43/00 7E21B 47/06**
[25] EN
[54] **METHOD FOR BIOSOLID DISPOSAL AND METHANE GENERATION**
[54] **PROCEDE D'EVACUATION DE BIOSOLIDES ET DE GENERATION DE METHANE**
[72] BRUNO, MICHAEL S., US
[72] BILAK, ROMAN A., CA
[72] DUSSEAULT, MAURICE B., CA
[71] TERRALOG TECHNOLOGIES USA, INC., US
[71] TERRALOG TECHNOLOGIES INC., CA
[85] 2004-01-27
[86] 2001-10-02 (PCT/US2001/030969)
[87] 2003-02-13 (WO2003/011398)
[30] US (09/917,417) 2001-07-27

[21] **2,455,733**
[13] A1
[51] **Int.Cl. 7B32B 13/00 7B32B 27/00 7B29C 47/00 7B60R 13/00 7B32B 27/00**
[25] EN
[54] **MOISTURE CROSSLINKABLE THERMOPLASTICS IN THE MANUFACTURE OF VEHICLE WEATHER STRIPS**
[54] **THERMOPLASTIQUES RETICULABLES A L'HUMIDITE DANS LA FABRICATION DE BOURRELETS D'ETANCHEITE DE VEHICULES**
[72] YU, ZUOXING, CA
[72] GRAF, HANS-JOACHIM, CA
[72] PAULI, TIM, CA
[71] COOPER TECHNOLOGY SERVICES, LLC, US
[85] 2004-01-23
[86] 2002-07-23 (PCT/US2002/023386)
[87] 2003-02-06 (WO2003/009999)
[30] US (09/912,099) 2001-07-24

Demandes PCT entrant en phase nationale

[21] **2,455,734**
[13] A1

[51] **Int.Cl. 7B61L 5/04 7B61L 5/10**
[25] EN
[54] **DEVICE FOR RESETTING POINTS**
[54] **DISPOSITIF POUR DEPLACER**
DES AIGUILLES
[72] KLEIN, HERBERT, AT
[71] VAE EISENBAHNSYSTEME GMBH,
AT
[71] VAE GMBH, AT
[85] 2004-01-27
[86] 2002-06-26 (PCT/AT2002/000184)
[87] 2003-02-13 (WO2003/011671)
[30] AT (GM 606/2001) 2001-07-31

[21] **2,455,738**
[13] A1

[51] **Int.Cl. 7H04B 7/185 7H04L 29/12**
[25] EN
[54] **SYSTEM AND METHOD FOR**
PROVIDING NETWORK ADDRESSES
TO MOBILE PLATFORMS
[54] **SYSTEME ET PROCEDE POUR**
FOURNIR DES ADRESSES DE RESEAU
A DES PLATES-FORMES MOBILES
[72] PARKMAN, DAVID S., US
[71] THE BOEING COMPANY, US
[85] 2004-01-28
[86] 2002-08-12 (PCT/US2002/025638)
[87] 2003-03-13 (WO2003/021868)
[30] US (60/316,457) 2001-08-31
[30] US (10/167,019) 2002-06-11

[21] **2,455,740**
[13] A1

[51] **Int.Cl. 7C07C 47/21 7A01N 35/02**
7A01N 37/02 7C07C 35/17
[25] EN
[54] **INSECT REPELLENT**
[54] **INSECTIFUGE**
[72] BENCSITS, FRANZ, AT
[71] FULLTEC AG, CH
[85] 2004-01-28
[86] 2002-07-23 (PCT/EP2002/008216)
[87] 2003-02-13 (WO2003/011805)
[30] DE (101 37 085.7) 2001-07-30

[21] **2,455,743**
[13] A1

[51] **Int.Cl. 7A01G 3/08 7A01G 23/08**
[25] EN
[54] **DELIMBING APPARATUS**
[54] **APPAREIL D'EBRANCHAGE**
[72] HAPPONEN, ANTTI, FI
[71] HAPPONEN, ANTTI, FI
[85] 2004-01-27
[86] 2002-08-12 (PCT/FI2002/000663)
[87] 2003-02-20 (WO2003/013221)
[30] FI (20011630) 2001-08-10

[21] **2,455,744**
[13] A1

[51] **Int.Cl. 7F24F 5/00 7F03D 11/00**
[25] EN
[54] **WIND ENERGY INSTALLATION**
[54] **INSTALLATION D'ENERGIE**
EOLIENNE
[72] WOBHEN, ALOYS, DE
[71] WOBHEN, ALOYS, DE
[85] 2004-01-28
[86] 2002-07-01 (PCT/EP2002/007225)
[87] 2003-02-20 (WO2003/014629)
[30] DE (101 39 556.6) 2001-08-10

[21] **2,455,746**
[13] A1

[51] **Int.Cl. 7B65G 57/02 7B65H 29/34**
[25] EN
[54] **STARWHEEL ASSEMBLY FOR**
STACKING SHEETS
[54] **DISPOSITIF ET PROCEDE**
PERMETTANT L'EMPILAGE DE
FEUILLES DISTRIBUEES PAR UN
ENSEMBLE ROUES DE DISTRIBUTION
[72] COUTURIER, DENNIS P., US
[72] MICHLER, JAMES R., US
[72] GENDRON, JEFFREY A., US
[71] C.G. BRETTING MANUFACTURING
COMPANY, INC., US
[85] 2004-01-27
[86] 2002-07-29 (PCT/US2002/023900)
[87] 2003-02-13 (WO2003/011725)
[30] US (09/917,179) 2001-07-27

[21] **2,455,747**
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A23K 1/18**
[25] EN
[54] **FOODSTUFF**
[54] **PRODUIT ALIMENTAIRE**
[72] RAWLINGS, JOHN MERRIT, GB
[72] HEATON, PAUL RICHARD, GB
[72] SMITH, BRIGITTE, H. E., GB
[71] MARS UK LIMITED, GB
[85] 2004-01-27
[86] 2002-08-02 (PCT/GB2002/003579)
[87] 2003-02-20 (WO2003/013268)
[30] GB (0119052.9) 2001-08-03

[21] **2,455,749**
[13] A1

[51] **Int.Cl. 7C07C 323/52 7C07C 391/00**
7A61P 9/10 7C07D 249/12 7A61K 31/192
7C07D 311/30 7C07D 215/36 7C07C 317/
46 7C07D 213/70 7C07D 277/74
[25] EN
[54] **BUTYRIC ACID DERIVATIVES**
[54] **DERIVES D'ACIDE BUTYRIQUE**
[72] GUYARD-DANGREMONT,
VALERIE, FR
[72] CONTARD, FRANCIS, FR
[72] ZEILLER, JEAN-JACQUES, FR
[72] ROCHE, DIDIER, FR
[72] BERTHELON, JEAN-JACQUES, FR
[72] GUERRIER, DANIEL, FR
[72] DUPONT, HERVE, FR
[71] MERCK PATENT GESELLSCHAFT
MIT BESCHRAENKTER HAFTUNG, DE
[85] 2004-01-28
[86] 2002-07-03 (PCT/EP2002/007383)
[87] 2003-02-13 (WO2003/011819)
[30] FR (01/10198) 2001-07-30

PCT Applications Entering the National Phase

[21] **2,455,750**
[13] A1

[51] **Int.Cl. 7A01K 5/01**
[25] EN
[54] **MULTI-COMPONENT PET FOOD PACKAGING**
[54] **EMBALLAGE D'ALIMENTS POUR ANIMAUX DOMESTIQUES A COMPOSANTS MULTIPLES**
[72] DIXON, DAN K., US
[72] AGUILAR, CARLOS A., US
[72] DAMBRINE, MARC, FR
[72] RAYNER, MICHAEL G., US
[72] BANER, ALBERT LAWRENCE (LARRY), US
[72] BENNETT, HAROLD, US
[72] ALBUJA, MARIO, US
[71] NESTEC S.A., CH
[85] 2004-01-28
[86] 2002-07-11 (PCT/EP2002/007884)
[87] 2003-02-20 (WO2003/013232)
[30] US (09/682,177) 2001-07-31
[30] US (09/990,736) 2001-11-21

[21] **2,455,753**
[13] A1

[51] **Int.Cl. 7C07D 277/42 7A61P 3/00 7C07D 417/12 7A61P 25/28 7A61K 31/426 7A61K 31/427 7A61K 31/4439**
[25] EN
[54] **NOVEL 2,4-DIAMINOTHIAZOLE DERIVATIVES**
[54] **NOUVEAUX DERIVES DE LA 2,4-DIAMINOTHIAZOLE**
[72] BOWLER, ANDREW NEIL, DK
[72] HANSEN, BO FALCK, DK
[71] NOVO NORDISK A/S, DK
[85] 2004-01-27
[86] 2002-07-22 (PCT/DK2002/000508)
[87] 2003-02-13 (WO2003/011843)
[30] DK (PA 2001 01175) 2001-08-03
[30] US (60/309,953) 2001-08-03

[21] **2,455,754**
[13] A1

[51] **Int.Cl. 7C07C 235/38 7C07D 285/06 7C07C 311/08 7C07D 235/10 7C07D 263/10 7A61P 13/10 7C07D 295/135 7C07D 261/14 7C07D 261/16 7A61K 31/17 7C07D 319/18 7C07D 333/20 7C07C 275/32 7C07C 275/34 7C07C 275/36 7C07C 275/38 7C07D 215/38 7C07C 275/40 7C07C 275/42 7C07C 323/44 7C07C 311/47 7C07D 333/54 7C07D 317/66 7C07D 239/69 7C07D 209/88 7C07D 307/88**
[25] EN
[54] **NAPHTHYLUREA AND NAPHTHYLACETAMIDE DERIVATIVES AS VANILLOID RECEPTOR 1 (VR1) ANTAGONISTS**
[54] **DERIVES AMINES**
[72] TSUKIMI, YASUHIRO, JP
[72] MORIWAKI, TOSHIYA, JP
[72] MARUMO, MAKIKO, JP
[72] TAJIMI, MASAOMI, JP
[72] URBAHNS, KLAUS, JP
[72] MOGI, MUNETO, JP
[72] FREITAG, JOACHIM, DE
[72] MASUDA, TSUTOMU, JP
[72] YURA, TAKESHI, JP
[72] WITTKA-NOPPER, REILINDE, DE
[72] SHIROO, MASAHIRO, JP
[72] LOWINGER, TIMOTHY B., DE
[72] TAKESHITA, KEISUKE, JP
[72] YOSHIDA, NAGAIHIRO, JP
[72] MEIER, HEINRICH, DE
[72] IKEGAMI, YUKA, JP
[72] KOKUBO, TOSHIO, JP
[72] NOPPER, REILINDE, DE
[71] BAYER HEALTHCARE AG, DE
[85] 2004-01-28
[86] 2002-07-31 (PCT/EP2002/008493)
[87] 2003-02-20 (WO2003/014064)
[30] JP (232503-2001) 2001-07-31
[30] JP (392310-2001) 2001-12-25

[21] **2,455,757**
[13] A1

[51] **Int.Cl. 7A43B 5/00 7A43C 15/00**
[25] EN
[54] **SHOE CLEAT CONNECTOR**
[54] **CONNECTEUR DE CRAMPONS DE CHAUSSURES**
[72] MCMULLIN, FARIS, W., US
[71] MCMULLIN, FARIS, W., US
[85] 2004-01-27
[86] 2002-05-17 (PCT/US2002/011905)
[87] 2003-02-20 (WO2003/013302)
[30] US (60/310,760) 2001-08-08
[30] US (10/050,606) 2002-01-18

[21] **2,455,759**
[13] A1

[51] **Int.Cl. 7C07D 237/32 7C07D 401/06 7C07D 409/06 7C07D 405/12 7C07D 405/14 7C07D 237/34**
[25] EN
[54] **AMINO-PHTHALAZINONE DERIVATIVES ACTIVE AS KINASE INHIBITORS, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **DERIVES D'AMINO-PHTHALAZINONE ACTIFS COMME INHIBITEURS DE KINASE, PROCESSUS DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERIVES**
[72] PULICI, MAURIZIO, IT
[71] PHARMACIA ITALIA S.P.A., IT
[85] 2004-01-28
[86] 2002-07-30 (PCT/EP2002/008544)
[87] 2003-02-20 (WO2003/014090)
[30] US (09/922,729) 2001-08-07

[21] **2,455,761**
[13] A1

[51] **Int.Cl. 7A61K 35/78**
[25] EN
[54] **ARTICHOKE LEAF EXTRACTS**
[54] **EXTRAITS DE FEUILLES D'ARTICHAUT**
[72] GOERKE, THOMAS, DE
[72] SCHNEIDER, WERNER, DE
[72] EICH, JUERGEN, DE
[72] HAFFNER, THOMAS, DE
[71] LICHTWER PHARMA AG, DE
[85] 2004-01-28
[86] 2002-08-07 (PCT/EP2002/008838)
[87] 2003-02-20 (WO2003/013562)
[30] DE (101 38 929.9) 2001-08-08

Demandes PCT entrant en phase nationale

[21] **2,455,762**
[13] A1

[51] **Int.Cl. 7C07D 231/56 7A01N 43/56**
[25] EN
[54] **INDAZOLE-AMINOACETONITRILE DERIVATIVES HAVING SPECIAL PESTICIDAL ACTIVITY**
[54] **DERIVES D'INDAZOLE-AMINOACETONITRILE PRESENTANT UNE ACTIVITE PESTICIDE SPECIALE**
[72] DUCRAY, PIERRE, FR
[72] GOEBEL, THOMAS, DE
[72] FRUECHTEL, JOERG, DE
[71] NOVARTIS AG, CH
[85] 2004-01-28
[86] 2003-06-06 (PCT/EP2003/005992)
[87] 2003-12-18 (WO2003/104202)
[30] CH (976/02) 2002-06-07

[21] **2,455,766**
[13] A1

[51] **Int.Cl. 7A61K 31/74 7A61K 47/48**
[25] EN
[54] **BIOABSORBABLE ADHESIVE COMPUNDS AND COMPOSITIONS**
[54] **COMPOSE ET COMPOSITIONS ADHESIFS BIOABSORBABLES**
[72] ROBY, MARK S., US
[71] TYCO HEALTHCARE GROUP LP, US
[85] 2004-01-27
[86] 2002-06-19 (PCT/US2002/019652)
[87] 2003-02-13 (WO2003/011173)
[30] US (60/309,074) 2001-07-31

[21] **2,455,768**
[13] A1

[51] **Int.Cl. 7C07D 515/22 7A61P 35/00 7A61K 31/438 7A61K 31/4985**
[25] EN
[54] **ANTITUMORAL ANALOGS**
[54] **ANALOGUES ANTITUMORAUX**
[72] MARTINEZ, VALENTIN, ES
[72] GALLEG0, PILAR, ES
[72] MANZANARES, IGNACIO, ES
[72] MUNT, SIMON, ES
[72] CUEVAS, CARMEN, ES
[71] PHARMA MAR, S.A., ES
[85] 2004-01-28
[86] 2002-08-06 (PCT/GB2002/003592)
[87] 2003-02-20 (WO2003/014127)
[30] GB (0119243.4) 2001-08-07

[21] **2,455,769**
[13] A1

[51] **Int.Cl. 7A61B 10/00**
[25] EN
[54] **DILATION DEVICES AND METHODS FOR REMOVING TISSUE SPECIMENS**
[54] **DISPOSITIFS DE DILATATION ET PROCEDES DE PRELEVEMENT DE TISSUS DANS UN ORGANISME**
[72] QUICK, RICHARD L., US
[72] LUBOCK, PAUL, US
[71] SENORX, INC., US
[85] 2004-01-27
[86] 2002-06-26 (PCT/US2002/020454)
[87] 2003-02-13 (WO2003/011143)
[30] US (09/916,937) 2001-07-27

[21] **2,455,771**
[13] A1

[51] **Int.Cl. 7G02B 7/182**
[25] EN
[54] **WIRELESS REMOTE CONTROLLED MIRROR**
[54] **RETROVISEUR OU MIROIR A TELECOMMANDE SANS FIL**
[72] SMITH, ADAM, US
[72] KELLER, GORDON, US
[72] MOSELAGE, JOHN, US
[72] ILLIAN, PAUL, SR., US
[72] NIELSEN, ERIK, US
[71] N-K ENTERPRISES LLC, US
[85] 2004-01-26
[86] 2002-06-26 (PCT/US2002/020381)
[87] 2003-01-09 (WO2003/003096)
[30] US (09/895,148) 2001-06-29

[21] **2,455,772**
[13] A1

[51] **Int.Cl. 7C07D 409/12 7C07D 521/00 7A61P 7/02 7C07D 495/04 7C07D 409/14 7A61K 31/40 7A61K 31/415 7A61K 31/44 7A61K 31/445 7A61K 31/495 7A61K 31/505 7A61K 31/535 7A61K 31/55**
[25] EN
[54] **SUBSTITUTED ISOINDOLES AND E USE THEREOF**
[54] **ISOINDOLES SUBSTITUES ET LEUR UTILISATION**
[72] POHLMANN, JENS, DE
[72] LAMPE, THOMAS, DE
[72] STRAUB, ALEXANDER, DE
[72] ROHRIG, SUSANNE, DE
[72] PERZBORN, ELISABETH, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[71] BAYER HEALTHCARE AG, DE
[85] 2004-01-27
[86] 2002-07-17 (PCT/EP2002/007957)
[87] 2003-02-13 (WO2003/011858)
[30] DE (101 37 163.2) 2001-07-30

[21] **2,455,773**
[13] A1

[51] **Int.Cl. 7C07D 487/08 7A61P 25/00 7A61K 31/40**
[25] EN
[54] **SUBSTITUTED-ARYL 7-AZA[2.2.1]BICYCLOHEPTANES FOR THE TREATMENT OF DISEASE**
[54] **ARYL 7-AZA[2.2.1]BICYCLOHEPTANES SUBSTITUES UTILES DANS LE TRAITEMENT DE MALADIES**
[72] GROPP1, VINCENT E., JR., US
[72] WISHKA, DONN G., US
[72] MYERS, JASON K., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2004-01-26
[86] 2002-08-14 (PCT/US2002/021327)
[87] 2003-03-06 (WO2003/018586)
[30] US (60/314,767) 2001-08-24
[30] US (60/314,769) 2001-08-24
[30] US (60/314,862) 2001-08-24
[30] US (60/314,771) 2001-08-24
[30] US (60/389,109) 2002-06-14

[21] **2,455,775**
[13] A1

[51] **Int.Cl. 7B05B 7/08 7B01F 7/06**
[25] EN
[54] **AIR-ASSISTED, LOW PRESSURE SPRAY EQUIPMENT HAVING AN IMPROVED SPRAY NOZZLE**
[54] **EQUIPEMENT DE PULVERISATION BASSE PRESSION A AIR COMPRIME COMPORTANT UNE BUSE DE PULVERISATION AMELIOREE**
[72] WAYT, TERRELL DEAN, US
[72] HUNTER, JACK H., US
[71] BAYER POLYMERS LLC, US
[85] 2004-01-23
[86] 2002-07-18 (PCT/US2002/023148)
[87] 2003-03-13 (WO2003/020434)
[30] US (09/917,309) 2001-07-27

PCT Applications Entering the National Phase

[21] **2,455,776**
[13] A1

[51] **Int.Cl. 7A61K 31/198 7A61P 17/02 7A61K 31/401**
[25] EN
[54] **AMINO-ACID-BASED COMPOSITIONS, SUITABLE IN THERAPY FOR THE HEALING AND/OR MENDING OF WOUNDS AND LESIONS, IN PARTICULAR FOR APPLICATION IN THE OPHTHALMIC FIELD**
[54] **COMPOSITIONS A BASE D'ACIDES AMINES APPROPRIÉES EN THÉRAPIE POUR GUÉRIR ET/OU PANSER DES PLAIES ET DES LÉSIONS, NOTAMMENT UTILISÉES DANS LE DOMAINE DE L'OPHTALMOLOGIE**
[72] DIOGUARDI, FRANCESCO
SAVERIO, IT
[72] CONTI, FRANCO, IT
[71] PROFESSIONAL DIETETICS S.R.L., IT
[85] 2004-01-27
[86] 2002-06-10 (PCT/IB2002/002147)
[87] 2003-02-20 (WO2003/013487)
[30] IT (TO2001A000804) 2001-08-08

[21] **2,455,777**
[13] A1

[51] **Int.Cl. 7C08B 37/00**
[25] EN
[54] **CHITOSAN PREPARATION PREPARATION DE CHITOSANE**
[72] SMIDSRØD, OLAV, NO
[72] VÆRUM, KJELL MORTEN, NO
[71] ADVANCED BIOPOLYMERS AS, NO
[85] 2004-01-27
[86] 2002-07-29 (PCT/GB2002/003471)
[87] 2003-02-13 (WO2003/011912)
[30] NO (2001.3802) 2001-08-02
[30] NO (2001.5986) 2001-12-06

[21] **2,455,778**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06N 7/00 7G06N 5/04**
[25] EN
[54] **DIAGNOSTIC APPARATUS APPAREIL DE DIAGNOSTIC**
[72] RANSING, MEGHANA R., GB
[72] LEWIS, RONALD W., GB
[72] RANSING, RAJESH S., GB
[71] UWS VENTURES LIMITED, GB
[85] 2004-01-28
[86] 2002-08-15 (PCT/GB2002/003805)
[87] 2003-02-27 (WO2003/015628)
[30] GB (0120009.6) 2001-08-15

[21] **2,455,779**
[13] A1

[51] **Int.Cl. 7H04B 7/185**
[25] EN
[54] **SATELLITE COMMUNICATIONS SYSTEM AND METHOD USING MULTIPLE SIMULTANEOUS DATA RATES**
[54] **SYSTÈME ET PROCÉDÉ DE COMMUNICATIONS SATELLITES UTILISANT DES DÉBITS SIMULTANÉS MULTIPLES**
[72] PARKMAN, DAVID S., US
[72] DE LA CHAPPELLE, MICHAEL, US
[71] THE BOEING COMPANY, US
[85] 2004-01-23
[86] 2002-07-19 (PCT/US2002/023227)
[87] 2003-03-13 (WO2003/021815)
[30] US (09/943,679) 2001-08-30

[21] **2,455,780**
[13] A1

[51] **Int.Cl. 7C08G 12/04 7C08G 12/20 7C09D 161/32 7C08G 12/40 7C08G 12/42 7C08G 12/46**
[25] EN
[54] **MODIFIED AMINOPLAST CROSSLINKERS AND POWER COATING COMPOSITIONS CONTAINING SUCH CROSSLINKERS**
[54] **AGENTS DE RETICULATION AMINOPLASTES MODIFIÉS ET COMPOSITIONS DE REVÊTEMENT EN POUDRE CONTENANT DE TELS AGENTS DE RETICULATION**
[72] SMITH, JACKIE L., US
[72] CHASSER, ANTHONY M., US
[72] HU, SHENGGUI, US
[72] AMBROSE, RONALD R., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2004-01-27
[86] 2002-07-30 (PCT/US2002/024009)
[87] 2003-02-13 (WO2003/011932)
[30] US (09/919,094) 2001-07-31

[21] **2,455,781**
[13] A1

[51] **Int.Cl. 7E03C 1/042**
[25] EN
[54] **MOUNTING ASSEMBLY FOR PLUMBING CONTROL FITTING**
[54] **ENSEMBLE DE MONTAGE POUR GARNITURE DE RÉGLAGE DE PLOMBERIE**
[72] GRAY, RICARDO O., US
[71] KOHLER CO., US
[85] 2004-01-23
[86] 2002-07-24 (PCT/US2002/023470)
[87] 2003-02-06 (WO2003/010392)
[30] US (09/912,826) 2001-07-25

[21] **2,455,782**
[13] A1

[51] **Int.Cl. 7C08G 12/30 7C09D 175/04 7C08L 61/32 7C08G 12/40 7C08G 12/42 7C08G 18/80**
[25] EN
[54] **MODIFIED AMINOPLAST CROSSLINKERS AND POWDER COATING COMPOSITIONS CONTAINING SUCH CROSSLINKERS**
[54] **AGENTS DE RETICULATION AMINOPLASTES MODIFIÉS ET COMPOSITIONS DE REVÊTEMENT PULVÉRULENTES CONTENANT DE TELS AGENTS DE RETICULATION**
[72] HU, SHENGGUI, US
[72] CHASSER, ANTHONY M., US
[72] AMBROSE, RONALD R., US
[72] SMITH, JACKIE L., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2004-01-27
[86] 2002-07-30 (PCT/US2002/024008)
[87] 2003-02-13 (WO2003/011933)
[30] US (09/918,983) 2001-07-31

[21] **2,455,783**
[13] A1

[51] **Int.Cl. 7C25C 3/12**
[25] EN
[54] **ALUMINIUM PRODUCTION CELLS WITH IRON-BASED METAL ALLOY ANODES**
[54] **CELLULES DE PRODUCTION D'ALUMINIUM A ANODES EN ALLIAGE DE METAL A BASE DE FER**
[72] DENORA, VITTORIO, BS
[72] NGUYEN, THINH T., CH
[72] DURUZ, JEAN-JACQUES, CH
[71] MOLTECH INVENT S.A., CH
[85] 2004-01-28
[86] 2002-08-02 (PCT/IB2002/003088)
[87] 2003-02-20 (WO2003/014420)
[30] IB (PCT/IB01/01453) 2001-08-06
[30] IB (PCT/IB01/01838) 2001-10-03

Demandes PCT entrant en phase nationale

[21] **2,455,786**
[13] A1

[51] **Int.Cl. 7C08F 220/12 7A61K 35/14 7C08F 220/28 7C08F 220/34**
[25] EN
[54] **POLYMER FOR COATING LEUKOCYTE REMOVAL FILTER MATERIAL AND THE FILTER MATERIAL**
[54] **POLYMERE UTILISE POUR REVETIR UN MATERIAU FILTRANT D'EXTRACTION DE LEUCOCYTES ET MATERIAU FILTRANT EN QUESTION**
[72] YAGI, YASUHIKO, JP
[72] MIURA, HIROFUMI, JP
[71] ASAHI MEDICAL CO., LTD., JP
[85] 2004-01-28
[86] 2002-07-24 (PCT/JP2002/007502)
[87] 2003-02-13 (WO2003/011924)
[30] JP (2001-230737) 2001-07-31
[30] JP (2001-230738) 2001-07-31

[21] **2,455,790**
[13] A1

[51] **Int.Cl. 7B41C 1/055**
[25] EN
[54] **PLATE-MAKING METHOD AND PLATE-MAKING APPARATUS FOR STENCIL PRINTING AND STENCIL PRINTING MACHINE**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE PLAQUES POUR IMPRESSION PAR STENCIL ET MACHINE A IMPRESSION PAR STENCIL**
[72] SUGIYAMA, YOSHIHIDE, JP
[72] OKAGAITO, YASUNARI, JP
[71] DUPLO SEIKO CORPORATION, JP
[85] 2004-01-27
[86] 2002-07-30 (PCT/JP2002/007698)
[87] 2003-02-20 (WO2003/013855)
[30] JP (2001-234856) 2001-08-02
[30] JP (2002-4568) 2002-01-11

[21] **2,455,794**
[13] A1

[51] **Int.Cl. 7B32B 5/16 7C08K 3/38 7C04B 35/5833**
[25] EN
[54] **A HIGH SOLIDS HBN SLURRY HBN PASTE SPHERICAL HBN POWDER, AND METHODS OF MAKING AND USING THEM**
[54] **BOUE DE H-BN, PATE DE H-BN, POUFRE DE H-BN SPHERIQUE, A HAUTE TENEUR EN SOLIDES, ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] KUTSCH, JEFFREY J., US
[72] COLLINS, WILLIAM T., US
[72] PUJARI, VIMAL K., US
[71] SAINT-GOBAIN CERAMICS AND PLASTICS, INC., US
[85] 2004-01-28
[86] 2002-07-23 (PCT/US2002/023396)
[87] 2003-02-20 (WO2003/013845)
[30] US (09/923,994) 2001-08-07

[21] **2,455,788**
[13] A1

[51] **Int.Cl. 7C08G 12/42 7C09D 161/32**
[25] EN
[54] **MODIFIED AMINOPLAST CROSSLINKERS AND POWDER COATING COMPOSITIONS CONTAINING SUCH CROSSLINKERS**
[54] **AGENTS DE RETICULATION AMINOPLASTES MODIFIES ET COMPOSITIONS DE REVETEMENT EN POUFRE RENFERMANT DE TELS AGENTS DE RETICULATION**
[72] HU, SHENGGUI, US
[72] CHASSER, ANTHONY M., US
[72] AMBROSE, RONALD R., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2004-01-27
[86] 2002-07-22 (PCT/US2002/023074)
[87] 2003-02-13 (WO2003/011934)
[30] US (09/918,788) 2001-07-31

[21] **2,455,792**
[13] A1

[51] **Int.Cl. 7C08G 14/12 7C09D 161/32**
[25] EN
[54] **MODIFIED AMINOPLAST CROSSLINKERS AND POWDER COATING COMPOSITIONS CONTAINING SUCH CROSSLINKERS**
[54] **AGENTS DE RETICULATION AMINOPLASTES MODIFIES ET COMPOSITIONS DE REVETEMENT EN POUFRE CONTENANT CES AGENTS**
[72] HU, SHENGGUI, US
[72] SMITH, JACKIE L., US
[72] AMBROSE, RONALD R., US
[72] CHASSER, ANTHONY M., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2004-01-27
[86] 2002-07-18 (PCT/US2002/022699)
[87] 2003-02-13 (WO2003/011935)
[30] US (09/919,092) 2001-07-31

[21] **2,455,797**
[13] A1

[51] **Int.Cl. 7C07C 255/16 7C07D 301/02 7C07D 319/06 7C07F 7/18 7C07C 253/30**
[25] EN
[54] **PROTECTED 3,5-DIHYDROXY-2,2-DIMETHYL-VALERONITRILES FOR THE SYNTHESIS OF EPOTHILONES AND DERIVATIVES AND METHOD FOR THE PRODUCTION AND USE THEREOF**
[54] **3,5-DIHYDROXY-2,2-DIMETHYL-VALERONITRILES PROTEGES DESTINES A LA SYNTHESE D'EPOTHILONES ET DE DERIVES DE CELLES-CI, PROCEDES DE PRODUCTION DE CES COMPOSES ET UTILISATION DE CEUX-CI**
[72] PLATZEK, JOHANNES, DE
[72] WESTERMANN, JUERGEN, DE
[72] PETROV, ORLIN, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2004-01-27
[86] 2002-08-05 (PCT/EP2002/008730)
[87] 2003-02-20 (WO2003/014068)
[30] DE (101 38 347.9) 2001-08-03

[21] **2,455,789**
[13] A1

[51] **Int.Cl. 7B03C 3/45**
[25] EN
[54] **PARTICLE SEPARATOR**
[54] **SEPARATEUR DE PARTICULES**
[72] LORETH, ANDRZEJ, SE
[71] LORETH, ANDRZEJ, SE
[85] 2004-01-28
[86] 2002-08-08 (PCT/SE2002/001439)
[87] 2003-02-20 (WO2003/013734)
[30] SE (0102695-4) 2001-08-10
[30] SE (0103684-7) 2001-11-05

PCT Applications Entering the National Phase

[21] **2,455,799**
[13] A1

[51] **Int.Cl. 7F16B 2/06 7A47B 47/00 7E04H 17/00 7F16B 7/18**
[25] EN
[54] **SYSTEM, CLAMPING ELEMENT AND COUNTER-ELEMENT FOR THE CONNECTION OF PROFILED ELEMENTS**
[54] **SYSTEME, ELEMENT DE SERRAGE ET CONTRE-ELEMENT POUR L'ASSEMBLAGE D'ELEMENTS PROFILES**
[72] BASLER, NORBERT, DE
[71] BASLER, NORBERT, DE
[85] 2004-01-27
[86] 2002-08-02 (PCT/DE2002/002835)
[87] 2003-02-20 (WO2003/014580)
[30] DE (101 38 269.3) 2001-08-03
[30] DE (102 31 018.1) 2002-07-09

[21] **2,455,804**
[13] A1

[51] **Int.Cl. 7C09D 183/04 7C08K 3/38 7C08K 5/55**
[25] EN
[54] **COATING COMPOSITIONS HAVING IMPROVED ADHESION, COATED SUBSTRATES AND METHODS RELATED THERETO**
[54] **COMPOSITIONS DE REVETEMENT PRESENTANT UNE ADHERENCE AMELIOREE, SUBSTRATS RECOUVERTS DE CE REVETEMENT ET PROCEDES APPARENTES**
[72] SADVARY, RICHARD J., US
[72] HOCKSWENDER, THOMAS R., US
[72] TYEBJEE, SHIRYN, US
[72] ANDERSON, LAWRENCE G., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2004-01-28
[86] 2002-07-29 (PCT/US2002/023964)
[87] 2003-02-13 (WO2003/011992)
[30] US (09/919,198) 2001-07-31

[21] **2,455,806**
[13] A1

[51] **Int.Cl. 7F16C 17/06**
[25] EN
[54] **A THRUST BEARING AND METHOD FOR EQUALIZING LOAD**
[54] **PALIER A BUTEE ET PROCEDE POUR EQUILIBRER UNE CHARGE**
[72] BRANAGAN, LYLE A., US
[71] PIONEER MOTOR BEARING COMPANY, US
[85] 2004-01-27
[86] 2002-07-01 (PCT/US2002/020912)
[87] 2003-02-13 (WO2003/012304)
[30] US (09/916,383) 2001-07-27

[21] **2,455,811**
[13] A1

[51] **Int.Cl. 7F16H 55/08 7F16H 35/00**
[25] EN
[54] **TOOTHING ASSEMBLY**
[54] **DISPOSITIF A ENGRENAGE**
[72] SCHAPIRO, BORIS, DE
[72] LEVITIN, LEV, US
[72] KRUK, NAUM, DE
[71] SCHAPIRO, BORIS, DE
[71] LEVITIN, LEV, US
[71] KRUK, NAUM, DE
[85] 2004-01-27
[86] 2002-08-08 (PCT/EP2002/008897)
[87] 2003-02-20 (WO2003/014598)
[30] DE (101 39 285.0) 2001-08-09

[21] **2,455,815**
[13] A1

[51] **Int.Cl. 7G03G 15/10 7C09D 5/00**
[25] EN
[54] **COATING ESPECIALLY FOR LIQUID TONER IMAGING SYSTEM COMPONENTS**
[54] **REVETEMENT SPECIALEMENT POUR COMPOSANTS DE SYSTEMES IMAGEURS A TONER LIQUIDE**
[72] LANDA, BENZION, IL
[72] TARANIUK, ILYA, IL
[72] FARAGGI, EREZ, IL
[72] ARONHIME, MARC, IL
[72] ALMOG, YAACOV, IL
[71] HEWLETT-PACKARD INDIGO B.V., NL
[85] 2004-01-27
[86] 2001-08-30 (PCT/IL2001/000819)
[87] 2003-02-20 (WO2003/014835)
[30] IL (PCT/IL01/00735) 2001-08-08

[21] **2,455,818**
[13] A1

[51] **Int.Cl. 7H01L 21/66 7G01R 31/316**
[25] EN
[54] **TESTING VIAS AND CONTACTS IN INTEGRATED CIRCUIT FABRICATION**
[54] **VERIFICATION DE TROUS DE LIAISON ET DE CONTACTS PENDANT LA FABRICATION DE CIRCUITS INTEGRES**
[72] CHAO, TAI-AN, US
[72] LING, ZICHENG G., US
[72] HSUEH, SHIHCHENG, US
[71] XILINX, INC., US
[85] 2004-01-27
[86] 2002-07-26 (PCT/US2002/023838)
[87] 2003-02-13 (WO2003/012857)
[30] US (09/920,237) 2001-07-31

[21] **2,455,819**
[13] A1

[51] **Int.Cl. 7H01M 10/04 7H01B 9/00 7G02F 1/00 7H01M 4/02 7H01M 4/04 7H01M 10/40**
[25] EN
[54] **BATTERY STRUCTURES, SELF-ORGANIZING STRUCTURES AND RELATED METHODS**
[54] **STRUCTURES D'ACCUMULATEUR, STRUCTURES AUTO-ORGANISATRICES ET PROCEDES CORRESPONDANTS**
[72] MOOREHEAD, WILLIAM DOUGLAS, US
[72] HOLMAN, RICHARD K., US
[72] RILEY, GILBERT N., JR., US
[72] CHIANG, YET-MING, US
[72] LOXLEY, ANDREW, US
[72] VIOLA, MICHAEL S., US
[72] GOZDZ, ANTONI S., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] A123 SYSTEMS, US
[85] 2004-01-27
[86] 2002-07-26 (PCT/US2002/023880)
[87] 2003-02-13 (WO2003/012908)
[30] US (60/308,360) 2001-07-27
[30] US (10/021,740) 2001-10-22

Demandes PCT entrant en phase nationale

[21] **2,455,820**
[13] A1

[51] **Int.Cl. 7H03H 21/00**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING A SET OF FILTER COEFFICIENTS FOR A TIME UPDATED ADAPTIVE FILTER**
[54] **PROCEDE ET APPAREIL DE GENERATION D'UN ENSEMBLE DE COEFFICIENTS DE FILTRAGE POUR UN FILTRE ADAPTATIF MIS A JOUR DANS LE TEMPS**
[72] GERVAIS, PASCAL MARCEL, CA
[72] LAURENCE, MARTIN, CA
[72] AWAD, THOMAS JEFFERSON, CA
[71] OCTASIC INC., CA
[85] 2004-01-27
[86] 2002-07-24 (PCT/CA2002/001140)
[87] 2003-02-20 (WO2003/015271)
[30] US (09/925,231) 2001-08-08

[21] **2,455,821**
[13] A1

[51] **Int.Cl. 7A61B 3/113 7G08B 21/06**
[25] EN
[54] **ALERTNESS MONITOR**
[54] **DISPOSITIF DE SURVEILLANCE DE VIGILANCE**
[72] JOHNS, MURRAY, AU
[71] SLEEP DIAGNOSTICS PTY LTD., AU
[85] 2004-01-27
[86] 2002-11-07 (PCT/AU2002/001508)
[87] 2003-05-15 (WO2003/039358)
[30] AU (PR 8723) 2001-11-08

[21] **2,455,822**
[13] A1

[51] **Int.Cl. 7A61K 31/428 7A61K 31/4015 7A61K 9/70**
[25] EN
[54] **MATRIX CONTROLLED TRANSDERMAL THERAPEUTIC SYSTEM FOR THE USE OF PRAMIPEXOLE AND ROPINIROLE**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE A REGULATION MATRICIELLE PERMETTANT L'ADMINISTRATION DE PRAMIPEXOL ET DE ROPINIROL**
[72] WILHELM, MARTINA, DE
[72] BEIER, CORNELIA, DE
[71] HEXAL AG, DE
[85] 2004-01-27
[86] 2002-07-26 (PCT/EP2002/008394)
[87] 2003-02-27 (WO2003/015779)
[30] DE (101 37 082.2) 2001-07-28

[21] **2,455,825**
[13] A1

[51] **Int.Cl. 7B01D 50/00**
[25] EN
[54] **MODULAR VOC ENTRAPMENT CHAMBER FOR A TWO-CHAMBER REGENERATIVE OXIDIZER**
[54] **ENCEINTE DE PIEGEAGE DE CONTAMINANTS ORGANIQUES VOLATILES (COV) POUR UN APPAREIL D'OXYDATION DE REGENERATION A DEUX CHAMBRES**
[72] CASH, JAMES T., US
[71] MEGTEC SYSTEMS, INC., US
[85] 2004-01-27
[86] 2002-06-18 (PCT/US2002/019278)
[87] 2003-02-27 (WO2003/015897)
[30] US (09/929,588) 2001-08-14

[21] **2,455,830**
[13] A1

[51] **Int.Cl. 7C12N 15/62 7C07K 19/00 7A61P 35/00 7C12N 5/08 7C12N 5/10 7C12N 15/12 7C12N 15/13 7A61K 38/17 7C07K 16/18 7C12N 15/18 7A61P 25/28 7C07K 14/475 7A61K 47/48 7C12N 15/63 7C07K 14/705 7C12N 15/85**
[25] EN
[54] **HYBRID PROTEINS WITH NEUREGULIN HEPARIN-BINDING DOMAIN FOR TARGETING TO HEPARAN SULFATE PROTEOGLYCANS**
[54] **PROTEINES HYBRIDES A DOMAINE SE LIANT A L'HEPARINE DE NEUREGULINE POUR CIBLER DES PROTEOGLYCANES DE SULFATE D'HEPARANE**
[72] LOEB, JEFFREY A., US
[71] WAYNE STATE UNIVERSITY, US
[85] 2004-01-28
[86] 2002-07-31 (PCT/US2002/024053)
[87] 2003-02-13 (WO2003/012045)
[30] US (60/308,563) 2001-07-31

[21] **2,455,840**
[13] A1

[51] **Int.Cl. 7B29C 45/18 7B29C 44/34 7B29C 45/58**
[25] EN
[54] **INJECTION UNIT WITH A DEVICE FOR MIXING AND DOSING PLASTIC MELT AND ADDITIVES**
[54] **GROUPE D'INJECTION AVEC DISPOSITIF POUR MELANGER ET DOSER LA MATIERE PLASTIQUE EN FUSION ET DES ADDITIFS**
[72] SCHURMANN, ERICH, DE
[71] SCHURMANN, ERICH, DE
[85] 2004-01-27
[86] 2002-07-18 (PCT/DE2002/002623)
[87] 2003-02-27 (WO2003/016020)
[30] DE (101 37 073.3) 2001-07-28

[21] **2,455,841**
[13] A1

[51] **Int.Cl. 7C08K 5/16 7C08L 27/12**
[25] EN
[54] **FLAME RETARDANT COMPOSITIONS**
[54] **COMPOSITIONS IGNIFUGES**
[72] KAPRINIDIS, NIKOLAS, US
[72] HORSEY, DOUGLAS WAYNE, US
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2004-01-27
[86] 2002-08-06 (PCT/EP2002/008767)
[87] 2003-02-27 (WO2003/016388)
[30] US (60/312,517) 2001-08-15

[21] **2,455,842**
[13] A1

[51] **Int.Cl. 7C07D 209/24 7C07F 5/02 7C07D 319/06 7C07D 405/06**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF INDOLE DERIVATIVES**
[54] **ELABORATION DE DERIVES INDOLE**
[72] VAN DER SCHAAF, PAUL ADRIAAN, CH
[72] WOLLEB, ANNEMARIE, CH
[72] KOLLY, ROMAN, CH
[72] WOLLEB, HEINZ, CH
[72] END, NICOLE, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2004-01-27
[86] 2002-08-13 (PCT/EP2002/009046)
[87] 2003-03-06 (WO2003/018555)
[30] EP (01810817.5) 2001-08-22

PCT Applications Entering the National Phase

[21] **2,455,851**
[13] A1
[51] **Int.Cl. 7H01M 4/48 7C01G 23/053 7C01B 13/36**
[25] EN
[54] **HIGH PERFORMANCE LITHIUM TITANIUM SPINEL L14T15012 FOR ELECTRODE MATERIAL**
[54] **SPINELLE DE LITHIUM TITANE HAUTE PERFORMANCE, L14T15012, UTILE POUR UN MATERIAU D'ELECTRODE**
[72] PROCHAZKA, JAN, US
[72] KAVAN, LADISLAV, CZ
[72] SUGNAUX, FRANCOIS, CH
[72] GRAETZEL, MICHAEL, CH
[72] SPITLER, TIMOTHY, US
[71] XOLIOX S.A., CH
[71] ALTAIR NANOMATERIALS INC., US
[85] 2004-01-29
[86] 2002-07-29 (PCT/CH2002/000425)
[87] 2003-02-13 (WO2003/012901)
[30] EP (01810752.4) 2001-07-31

[21] **2,455,852**
[13] A1
[51] **Int.Cl. 7A61K 31/428 7A61K 31/4015 7A61K 9/70**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM (RESERVOIR-TTS) FOR USING PRAMIPEXOLE AND ROPINIROLE**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE (RESERVOIR TTS) POUR UTILISER DU PRAMIPEXOL ET DU ROPINIROL**
[72] BEIER, CORNELIA, DE
[72] WILHELM, MARTINA, DE
[71] HEXAL AG, DE
[85] 2004-01-29
[86] 2002-07-26 (PCT/EP2002/008393)
[87] 2003-02-13 (WO2003/011291)
[30] DE (101 37 162.4) 2001-07-30

[21] **2,455,853**
[13] A1
[51] **Int.Cl. 7C07F 17/00 7C08F 10/00 7C07D 401/12 7C08F 4/70**
[25] EN
[54] **LIGANDS AND CATALYST SYSTEMS THEREOF FOR ETHYLENE OLIGOMERISATION TO LINEAR ALPHA OLEFINS**
[54] **LIGANDS ET SYSTEMES CATALYSEURS ISSUS DE CES LIGANDS DESTINES A L'OLIGOMERISATION D'ETHYLENE EN ALPHA OLEFINES LINEAIRES**
[72] VAN DER HEIJDEN, HARRY, NL
[72] DE BOER, ERIC JOHANNES MARIA, NL
[72] VERHOEF-VAN WIJK, WILHELMINA CORNELIA, NL
[72] VAN ZON, ARIE, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2004-01-29
[86] 2002-07-29 (PCT/EP2002/008636)
[87] 2003-02-13 (WO2003/011876)
[30] EP (01306607.1) 2001-08-01

[21] **2,455,854**
[13] A1
[51] **Int.Cl. 7E21B 37/06 7C10L 10/00 7C10G 75/04 7C07C 41/16 7C10L 1/18 7C07C 43/20 7C10L 1/22 7C10L 1/24**
[25] EN
[54] **METHOD OF CONTROLLING ASPHALTENE PRECIPITATION IN A FLUID**
[54] **PROCEDE DE CONTROLE DE LA PRECIPITATION D'ASPHALTENE DANS UN FLUIDE**
[72] GOCHIN, RODNEY JOHN, GB
[72] SMITH, ALEC, GB
[71] IMPERIAL COLLEGE INNOVATIONS LIMITED, GB
[85] 2004-01-29
[86] 2002-07-26 (PCT/GB2002/003439)
[87] 2003-02-13 (WO2003/012253)
[30] GB (0118660.0) 2001-07-31
[30] GB (0214906.0) 2002-06-27

[21] **2,455,855**
[13] A1
[51] **Int.Cl. 7H01S 5/0625**
[25] EN
[54] **TUNEABLE LASER**
[54] **LASER ACCORDABLE**
[72] CARTER, ANDREW CANNON, GB
[72] REID, DOUGLAS, GB
[72] ROBBINS, DAVID JAMES, GB
[72] WARD, ANDREW, GB
[71] BOOKHAM TECHNOLOGY PLC, GB
[85] 2004-01-29
[86] 2002-07-29 (PCT/GB2002/003463)
[87] 2003-02-13 (WO2003/012936)
[30] GB (0118412.6) 2001-07-30
[30] GB (0124921.8) 2001-10-17

[21] **2,455,857**
[13] A1
[51] **Int.Cl. 7H04L 12/24 7H04L 29/06 7H04L 12/46**
[25] EN
[54] **METHOD OF CREATING A VIRTUAL PRIVATE NETWORK USING A PUBLIC NETWORK**
[54] **METHODE POUR CREER UN RESEAU VIRTUEL PRIVE UTILISANT UN RESEAU PUBLIC**
[72] COLLET, DANIEL, CH
[71] NAGRAVISION S.A., CH
[85] 2004-01-29
[86] 2002-07-22 (PCT/IB2002/003052)
[87] 2003-02-13 (WO2003/013063)
[30] CH (1424/01) 2001-07-30

[21] **2,455,866**
[13] A1
[51] **Int.Cl. 7C07C 309/01 7C07C 309/02 7C07C 309/09 7C11D 1/12**
[25] EN
[54] **ARYLALKYLSULFONIC ACIDS AND METHODS FOR PRODUCING SAME**
[54] **ACIDES ARYLALKYLSULFONIQUES ET PROCEDES DE PRODUCTION DE CES ACIDES**
[72] DADO, GREGORY P., US
[72] BERNHARDT, RANDAL H., US
[71] STEPAN COMPANY, US
[85] 2004-01-28
[86] 2002-08-02 (PCT/US2002/024562)
[87] 2003-02-20 (WO2003/014070)
[30] US (09/922,457) 2001-08-03

Demandes PCT entrant en phase nationale

[21] **2,455,871**
[13] A1

[51] **Int.Cl. 7A61K 31/45 7C07D 235/00 7C07D 249/00 7C07D 453/02 7C07D 409/04 7C07D 487/04 7A61P 5/04 7C07D 401/12 7C07D 405/12 7C07D 409/12 7A61K 31/443 7A61K 31/4436 7A61K 31/4439 7A61K 31/444 7C07D 213/68 7C07D 213/69**

[25] EN
[54] **SUBSTITUTED PYRIDIN-4-ONES AND THEIR USE AS GONADOTROPIN-RELEASING HORMONE RECEPTOR ANTAGONISTS.**
[54] **PYRIDIN-4-ONES SUBSTITUEES ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DU RECEPTEUR DE L'HORMONE DE LIBERATION DE LA GONADOTROPHINE**

[72] TUCCI, FABIO C., US
[72] CONNORS, PATRICK J., US
[72] CHEN, CHEN, US
[72] ZHU, YUN-FEI, US
[71] NEUROCRINE BIOSCIENCES, INC., US

[85] 2004-01-28
[86] 2002-08-02 (PCT/US2002/024643)
[87] 2003-02-20 (WO2003/013528)
[30] US (60/309,937) 2001-08-02

[21] **2,455,874**
[13] A1

[51] **Int.Cl. 7E05D 15/06 7F16B 5/06**

[25] EN
[54] **RUNNER RAIL CLAMPING HOLDER FOR FIXING RUNNER RAILS FOR SLIDING DOOR SYSTEMS**
[54] **SUPPORT DE SERRAGE DE GLISSIERE DESTINE A LA FIXATION DE GLISSIERES DE SYSTEMES DE PORTE COULISSANTE**

[72] ELMER, HUBERT, AT
[71] DORMA GMBH & CO. KG, DE
[85] 2004-01-27
[86] 2002-08-16 (PCT/EP2002/009160)
[87] 2003-02-27 (WO2003/016664)
[30] DE (101 39 167.6) 2001-08-16

[21] **2,455,878**
[13] A1

[51] **Int.Cl. 7C12N 15/52 7C12P 13/08 7C12N 1/21 7C12N 15/53 7C12N 15/54 7C12N 15/60**

[25] EN
[54] **PRODUCTION OF L-LYSINE BY GENETICALLY MODIFIED CORYNEBACTERIUM GLUTAMICUM STRAINS**
[54] **BACTERIES CORYNEFORMES GENERATRICES DE COMPOSES CHIMIQUES**

[72] REYNEN, CAROLINE, DE
[72] MOECKEL, BETTINA, DE
[72] THIERBACH, GEORG, DE
[72] BATHE, BRIGITTE, DE
[71] DEGUSSA AG, DE
[85] 2004-02-04
[86] 2002-07-30 (PCT/EP2002/008464)
[87] 2003-05-15 (WO2003/040373)
[30] US (60/309,878) 2001-08-06

[21] **2,455,880**
[13] A1

[51] **Int.Cl. 7C08L 67/00 7C09D 167/00 7C09D 175/00 7C09D 179/00 7C09D 5/28**

[25] EN
[54] **COATING AGENT, METHOD OF PRODUCTION AND USE THEREOF FOR GENERATION OF STRUCTURED PAINTED SURFACES**
[54] **AGENT D'ENDUCTION, PROCEDE DE FABRICATION ASSOCIE ET UTILISATION POUR REALISER DES SURFACES PEINTES STRUCTUREES**

[72] FUESSEL, CHRISTIAN, DE
[72] BAUMBACH, BEATE, DE
[72] WAMPRECHT, CHRISTIAN, DE
[71] BAYER MATERIALSCIENCE AG, DE
[85] 2004-01-28
[86] 2002-07-18 (PCT/EP2002/008008)
[87] 2003-02-13 (WO2003/011972)
[30] DE (101 37 507.7) 2001-07-31

[21] **2,455,912**
[13] A1

[51] **Int.Cl. 7B62D 55/253**

[25] EN
[54] **CORELESS RUBBER CRAWLER SANS NOYAU**

[72] SUGIHARA, SHINGO, JP
[72] MATSUO, SHUICHI, JP
[71] BRIDGESTONE CORPORATION, JP
[85] 2004-01-29
[86] 2002-07-30 (PCT/JP2002/007727)
[87] 2003-02-13 (WO2003/011677)
[30] JP (2001-228898) 2001-07-30

[21] **2,455,914**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/22 7H04L 12/56**

[25] EN
[54] **MANAGING PACKET DATA INTERCONNECTIONS IN MOBILE COMMUNICATIONS**
[54] **MANIPULATION D'INTERCONNEXIONS DE DONNEES EN PAQUETS DANS DES COMMUNICATIONS MOBILES**

[72] JANAKIRAMAN, SENTHILNATHAN, US
[72] HARPER, MATTHEW HAYDEN, US
[71] STARENT NETWORKS CORPORATION, US
[85] 2004-01-29
[86] 2002-07-29 (PCT/US2002/023887)
[87] 2003-02-13 (WO2003/013060)
[30] US (09/919,334) 2001-07-30

[21] **2,455,916**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G01N 33/68**

[25] EN
[54] **PREDICTION MODELS FOR MOLECULAR ACTIVITY AND PROTEIN BINDING**
[54] **MODELES PREDICTIFS LIES A L'ACTIVITE D'UNE MOLECULE D'INTERET**

[72] EGAN, WILLIAM J., US
[72] DIXON, STEVEN L., US
[71] PHARMACOEPIA, INC., US
[85] 2004-01-29
[86] 2002-07-26 (PCT/US2002/023979)
[87] 2003-02-13 (WO2003/012721)
[30] US (09/919,739) 2001-07-31

[21] **2,455,917**
[13] A1

[51] **Int.Cl. 7G06F 9/46 7G06F 17/30**

[25] EN
[54] **VICTIM SELECTION FOR DEADLOCK DETECTION**
[54] **CHOIX D'UNE VICTIME POUR LA DETECTION D'UNE IMPASSE**

[72] CHAN, WILSON, US
[72] SRIVASTAVA, ALOK, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2004-01-29
[86] 2002-07-24 (PCT/US2002/023604)
[87] 2003-02-20 (WO2003/014926)
[30] US (09/922,424) 2001-08-03

PCT Applications Entering the National Phase

[21] **2,455,918**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61P 31/00**
7C12P 21/02 7A61K 38/17 7C07K 14/46
7C12N 15/63
[25] EN
[54] **HAGFISH CATHELIN-ASSOCIATED ANTIMICROBIAL PEPTIDES AND GENES**
[54] **PEPTIDES ET GENES ANTIMICROBIENS ASSOCIES A LA CATHELINE DE MYXINE**
[72] UZZELL, THOMAS, US
[72] SHINNAR, ANN E., US
[72] STOLZENBERG, ETHAN D., US
[72] ZASLOFF, MICHAEL A., US
[71] GENAERA CORPORATION, US
[85] 2004-01-29
[86] 2002-07-30 (PCT/US2002/024019)
[87] 2003-02-13 (WO2003/012044)
[30] US (60/308,652) 2001-07-30

[21] **2,455,919**
[13] A1
[51] **Int.Cl. 7B44D 3/14 7B65D 25/22**
[25] EN
[54] **CAN CADDIE AND METHOD OF FORMING THE SAME**
[54] **SUPPORT DE BOITE ET PROCEDE DE FABRICATION**
[72] SALANI, THEODORE R., US
[71] SALANI, THEODORE R., US
[85] 2004-01-29
[86] 2002-07-30 (PCT/US2002/024066)
[87] 2003-02-13 (WO2003/012241)
[30] US (60/308,735) 2001-07-30
[30] US (60/311,630) 2001-08-10

[21] **2,455,920**
[13] A1
[51] **Int.Cl. 7G07F 5/00 7G07F 11/00**
7G07F 13/00 7G07F 17/00
[25] EN
[54] **APPARATUS FOR MONITORING COINS DISCHARGED FROM A COIN DISPENSER**
[54] **APPAREIL POUR CONTROLER DES PIECES DISTRIBUEES PAR UN DISTRIBUTEUR DE PIECES**
[72] QUATTRINI, VICTOR A., US
[72] PHEIFER, DAVID E., US
[72] STUMP, PAUL O., US
[72] PITMAN, ROBERT J., US
[71] TELEQUIP CORPORATION, US
[85] 2004-01-29
[86] 2002-07-29 (PCT/US2002/023886)
[87] 2003-02-20 (WO2003/015038)
[30] US (60/308,977) 2001-07-31
[30] US (10/199,204) 2002-07-18

[21] **2,455,921**
[13] A1
[51] **Int.Cl. 7G01N 11/02 7G01N 29/00**
7G01M 3/36
[25] EN
[54] **NON-DESTRUCTIVE JOINT SEALANT TESTING DEVICE**
[54] **DISPOSITIF DE TEST DE MASTICS DE JOINTEMENT NON DESTRUCTEUR**
[72] HUFF, DANIEL N., US
[71] HUFF, DANIEL N., US
[85] 2004-01-29
[86] 2002-07-29 (PCT/US2002/024085)
[87] 2003-02-13 (WO2003/012400)
[30] US (60/308,897) 2001-07-30

[21] **2,455,922**
[13] A1
[51] **Int.Cl. 7F24F 13/08 7F24F 13/06**
7F24F 13/14
[25] EN
[54] **MODULAR AIR VENT ASSEMBLY KIT**
[54] **KIT D'ASSEMBLAGE POUR BOUCHE D'AERATION MODULAIRE**
[72] BERGER, BRIAN K., US
[71] INNOVATIVE VENT SOLUTIONS, INC., US
[85] 2004-01-29
[86] 2002-07-30 (PCT/US2002/024100)
[87] 2003-02-13 (WO2003/012345)
[30] US (09/919,292) 2001-07-31

[21] **2,455,924**
[13] A1
[51] **Int.Cl. 7H04B 1/38**
[25] EN
[54] **LOOP DIAGNOSTIC MODE FOR ADSL MODEMS**
[54] **MODE DE DIAGNOSTIC D'UNE LIGNE POUR MODEMS ADSL**
[72] MCCLENNON, SCOTT, CA
[72] GINESI, ALBERTO, NL
[71] CATENA NETWORKS, INC., US
[85] 2004-01-29
[86] 2002-07-30 (PCT/US2002/024122)
[87] 2003-02-13 (WO2003/013015)
[30] CA (2,354,298) 2001-07-30

[21] **2,455,931**
[13] A1
[51] **Int.Cl. 7H04M 1/64**
[25] EN
[54] **TECHNIQUE FOR FACILITATING COMMUNICATIONS WITH A PARTY AFTER INITIAL UNSUCCESSFUL COMMUNICATIONS THEREWITH**
[54] **FACILITATION DE COMMUNICATIONS AVEC UN APPELANT**
[72] COX, PATRICK M., US
[72] ELSEY, NICHOLAS J., US
[72] TIMMINS, TIMOTHY A., US
[72] POWELL, A. PETER, US
[71] METRO ONE TELECOMMUNICATIONS, INC., US
[85] 2004-01-29
[86] 2002-07-30 (PCT/US2002/024133)
[87] 2003-02-13 (WO2003/013112)
[30] US (09/918,867) 2001-07-31
[30] US (10/062,149) 2002-01-31

[21] **2,455,938**
[13] A1
[51] **Int.Cl. 7C09K 11/08 7C01B 19/04**
7C01B 17/20 7C01B 17/42 7C09K 11/54
7C09K 11/56 7C09K 11/88
[25] EN
[54] **COLLOIDAL NANOCRYSTALS WITH HIGH PHOTOLUMINESCENCE QUANTUM YIELDS AND METHODS OF PREPARING THE SAME**
[54] **NANOCRISTAUX COLLOIDES A HAUTS RENDEMENTS QUANTIQUES PHOTOLUMINESCENTS ET PROCEDES PERMETTANT DE LES PRODUIRE**
[72] QU, LIANHUA, US
[72] PENG, XIAOGANG, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, N.A., US
[85] 2004-01-29
[86] 2002-07-30 (PCT/US2002/024214)
[87] 2003-02-13 (WO2003/012006)
[30] US (60/308,727) 2001-07-30

Demandes PCT entrant en phase nationale

[21] **2,455,939**
[13] A1

[51] **Int.Cl. 7A61K 31/715**
[25] EN
[54] **SUCRALOSE FORMULATIONS TO MASK UNPLEASANT TASTES**
[54] **PREPARATION DE SUCRALOSE PERMETTANT DE MASQUER DES GOUTS DESAGREABLES**
[72] MOGAVERO, ANNABELLE, US
[72] JAEGER, DAVID, US
[72] DICKERSON, JAY, US
[71] WYETH COMPANY, US
[85] 2004-01-29
[86] 2002-07-31 (PCT/US2002/024298)
[87] 2003-02-13 (WO2003/011306)
[30] US (60/308,912) 2001-07-31

[21] **2,455,941**
[13] A1

[51] **Int.Cl. 7B60T 17/00**
[25] EN
[54] **OIL-LESS/OIL FREE AIR BRAKE COMPRESSORS**
[54] **COMPRESSEURS DE FREINS A AIR COMPRIME UTILISANT MOINS OU PAS D'HUILE**
[72] DUNAEVSKY, VAL, US
[72] GILBERT, GENE, US
[72] MCMASTER, NEIL, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2004-01-29
[86] 2002-08-01 (PCT/US2002/024391)
[87] 2003-02-20 (WO2003/013931)
[30] US (09/923,026) 2001-08-06

[21] **2,455,942**
[13] A1

[51] **Int.Cl. 7H02P 1/42 7H02H 7/122**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING POWER SUPPLIED TO A MOTOR**
[54] **PROCEDE ET APPAREIL PERMETTANT DE REGULER L'ENERGIE FOURNIE A UN MOTEUR**
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[85] 2004-01-29
[86] 2002-08-01 (PCT/US2002/024385)
[87] 2003-02-13 (WO2003/012970)
[30] US (09/920,150) 2001-08-01

[21] **2,455,947**
[13] A1

[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **SYSTEM AND METHOD FOR DISTRIBUTING NETWORK-BASED PERSONAL VIDEO**
[54] **SYSTEME ET PROCEDE CONCUS POUR LA DISTRIBUTION DE CONTENU VIDEO PERSONNEL EN RESEAU**
[72] ADDINGTON, TIMOTHY H., US
[71] N2 BROADBAND, INC., US
[85] 2004-01-29
[86] 2002-08-01 (PCT/US2002/024394)
[87] 2003-02-13 (WO2003/013106)
[30] US (60/309,369) 2001-08-01

[21] **2,455,952**
[13] A1

[51] **Int.Cl. 7C03C 10/02 7B24D 3/14 7C09K 3/14**
[25] EN
[54] **ABRASIVE PARTICLES AND METHODS OF MAKING AND USING THE SAME**
[54] **PARTICULES ABRASIVES, PROCEDES DE FABRICATION ET METHODES D'UTILISATION**
[72] ANDERSON, THOMAS J., US
[72] ROSENFLANZ, ANATOLY Z., US
[72] CELIKKAYA, AHMET, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-01-29
[86] 2002-08-02 (PCT/US2002/024456)
[87] 2003-02-13 (WO2003/011785)
[30] US (09/922,530) 2001-08-02
[30] US (09/922,526) 2001-08-02
[30] US (09/922,527) 2001-08-02
[30] US (09/922,528) 2001-08-02

[21] **2,455,958**
[13] A1

[51] **Int.Cl. 7C11D 11/00 7D06L 1/04 7C11D 3/37**
[25] EN
[54] **DOWN THE DRAIN DRY CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE A SEC POUVANT ETRE REJETE DANS L'EGOUT**
[72] VOS, EDDY, BE
[72] FRANCE, PAUL AMAAT RAYMOND GERALD, US
[72] LOOTVOET, VEERLE MARIE NATHALIE, BE
[72] SCHEPER, WILLIAM MICHAEL, US
[72] DEAK, JOHN CHRISTOPHER, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] RADOMYSELSKI, ARSENI VALEREVICH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-01-28
[86] 2002-09-10 (PCT/US2002/028672)
[87] 2003-03-20 (WO2003/022982)
[30] US (60/318,649) 2001-09-10

[21] **2,455,959**
[13] A1

[51] **Int.Cl. 7D06L 1/04 7C11D 3/37**
[25] EN
[54] **SILICONE POLYMERS FOR LIPOPHILIC FLUID SYSTEMS**
[54] **POLYMERES DE SILICONE POUR SYSTEMES FLUIDES LIPOPHILES**
[72] DEAK, JOHN CHRISTOPHER, US
[72] GOSSELINK, EUGENE PAUL, US
[72] REILMAN, RANDALL THOMAS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-01-28
[86] 2002-09-10 (PCT/US2002/028673)
[87] 2003-03-20 (WO2003/023125)
[30] US (60/318,455) 2001-09-10

PCT Applications Entering the National Phase

[21] **2,455,961**
[13] A1

[51] **Int.Cl. 7D06L 1/04 7C11D 3/37**
[25] EN
[54] **POLYMERS FOR LIPOPHILIC FLUID SYSTEMS**
[54] **POLYMERES POUR SYSTEMES DE FLUIDES LIPOPHILES**
[72] HAEGGBERG, DONNA JEAN, US
[72] DEAK, JOHN CHRISTOPHER, US
[72] GOSSELINK, EUGENE PAUL, US
[72] REILMAN, RANDALL THOMAS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-01-28
[86] 2002-09-10 (PCT/US2002/028674)
[87] 2003-03-20 (WO2003/023126)
[30] US (60/318,651) 2001-09-10

[21] **2,455,963**
[13] A1

[51] **Int.Cl. 7C07K 14/605 7A61P 3/10 7A61K 38/17 7A61K 38/22 7A61K 38/26 7A61P 25/28 7C07K 14/47 7C07K 14/575**
[25] EN
[54] **GLP-1 EXENDIN-4 PEPTIDE ANALOGS AND USES THEREOF**
[54] **GLP-1, EXENDINE-4, ANALOGUES PEPTIDIQUES ET UTILISATIONS ASSOCIEES**
[72] PERRY, TRACY ANN, US
[72] GREIG, NIGEL H., US
[72] DOYLE, MAIRE, US
[72] EGAN, JOSEPHINE, US
[72] HOLLOWAY, HAROLD, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC RETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2004-01-29
[86] 2002-07-30 (PCT/US2002/024141)
[87] 2003-02-13 (WO2003/011892)
[30] US (60/309,076) 2001-07-31

[21] **2,455,967**
[13] A1

[51] **Int.Cl. 7A01K 1/00**
[25] EN
[54] **GATE ASSEMBLY FOR CONFINING ANIMALS IN AN ALLEY**
[54] **ENSEMBLE PORTAIL POUR CONFINER DES ANIMAUX DANS UN COULOIR**
[72] KLEINASSER, JONATHAN, CA
[71] CRYSTAL SPRING COLONY FARMS LTD., CA
[85] 2004-01-28
[86] 2002-08-19 (PCT/CA2002/001281)
[87] 2003-03-13 (WO2003/020018)
[30] US (09/943,760) 2001-09-04

[21] **2,455,977**
[13] A1

[51] **Int.Cl. 7A23C 19/032 7A23C 9/12 7A23C 9/123 7C12M 1/26**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING A DAIRY PRODUCT**
[54] **PROCEDE ET APPAREIL DE PREPARATION DE PRODUIT LAITIER**
[72] HOIER, ERIK, DK
[72] ANDERSEN, CLAUS MICHAEL, DK
[71] CHR. HANSEN A/S, DK
[85] 2004-01-28
[86] 2002-07-19 (PCT/DK2002/000503)
[87] 2003-02-13 (WO2003/011039)
[30] DK (PA 2001 01176) 2001-08-03
[30] US (60/309,489) 2001-08-03

[21] **2,455,989**
[13] A1

[51] **Int.Cl. 7A61K 31/155 7A61K 31/16**
[25] EN
[54] **NEUROPROTECTIVE TREATMENT METHODS USING SELECTIVE INOS INHIBITORS**
[54] **METHODES DE TRAITEMENT NEUROPROTECTEUR DANS LESQUELLES ON UTILISE DES INHIBITEURS INOS SELECTIFS**
[72] CONNOR, JANE R., US
[72] MANNING, PAMELA T., US
[71] PHARMACIA CORPORATION, US
[85] 2004-01-29
[86] 2002-09-24 (PCT/US2002/030214)
[87] 2003-04-03 (WO2003/026638)
[30] US (09/961,521) 2001-09-24

[21] **2,455,990**
[13] A1

[51] **Int.Cl. 7C07K 16/00 7A61K 38/00 7A61K 49/00 7C07K 17/00 7A01K 67/033 7C07H 21/04 7A61K 31/70**
[25] EN
[54] **METHODS FOR DIAGNOSING AND TREATING DISEASES AND CONDITIONS ASSOCIATED WITH PROTEIN KINASE C.LAMBDA.**
[54] **METHODES DE DIAGNOSTIC ET DE TRAITEMENT DE MALADIES ET AFFECTIONS ASSOCIEES A LA PROTEINE KINASE CSG(L)**
[72] PETERSON, RANDALL, US
[72] FISHMAN, MARK C., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2004-02-09
[86] 2002-09-06 (PCT/US2002/028410)
[87] 2003-03-20 (WO2003/023048)
[30] US (60/317,653) 2001-09-06

[21] **2,456,037**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A01K 67/027 7C07K 16/18 7C07K 14/47 7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **PAGET DISEASE OF BONE**
[54] **MALADIE OSSEUSE DE PAGET**
[72] BROWN, JACQUES, CA
[72] LAURIN, NANCY, CA
[72] MORISSETTE, JEAN, CA
[72] RAYMOND, VINCENT, CA
[71] BROWN, JACQUES, CA
[71] LAURIN, NANCY, CA
[71] MORISSETTE, JEAN, CA
[71] RAYMOND, VINCENT, CA
[85] 2004-01-30
[86] 2002-07-30 (PCT/CA2002/001186)
[87] 2003-02-13 (WO2003/012134)
[30] US (60/308,135) 2001-07-30

[21] **2,456,120**
[13] A1

[51] **Int.Cl. 7C12N 15/09 7C12N 5/10 7C12N 9/10 7C12P 19/18 7C12Q 1/68**
[25] EN
[54] **CHONDROITIN SYNTHASE**
[54] **SYNTHASE DE CHONDROITINE**
[72] SUGAHARA, KAZUYUKI, JP
[72] KITAGAWA, HIROSHI, JP
[71] THE NEW INDUSTRY RESEARCH ORGANIZATION, JP
[85] 2004-02-02
[86] 2002-08-01 (PCT/JP2002/007859)
[87] 2003-02-13 (WO2003/012099)
[30] JP (2001-234112) 2001-08-01

Demandes PCT entrant en phase nationale

[21] **2,456,140**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHODS FOR DETECTING DNA ORIGINATING FROM DIFFERENT INDIVIDUALS IN ONE SAMPLE**
[54] **METHODES DE DETECTION D'ADN PROVENANT DE DIFFERENTS INDIVIDUS**
[72] LO, YUK MING DENNIS, CN
[72] POON, LIT MAN, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
[85] 2004-01-30
[86] 2002-08-30 (PCT/GB2002/003941)
[87] 2003-03-13 (WO2003/020974)
[30] US (09/944,951) 2001-08-31

[21] **2,456,172**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7C07K 14/47 7C12Q 1/68**
[25] EN
[54] **KIDNEY-SPECIFIC URATE TRANSPORTER AND GENE THEREOF**
[54] **TRANSPORTEUR D'URATE SPECIFIQUE DU REIN ET GENE ASSOCIE**
[72] KANAI, YOSHIKATSU, JP
[72] ENDOU, HITOSHI, JP
[72] ENOMOTO, ATSUSHI, JP
[71] HUMAN CELL SYSTEMS, INC., JP
[85] 2004-01-30
[86] 2002-08-22 (PCT/JP2002/008457)
[87] 2003-04-03 (WO2003/027287)
[30] JP (2001-290291) 2001-09-21

[21] **2,456,183**
[13] A1

[51] **Int.Cl. 7C12N 15/62 7A61K 48/00 7A61P 37/00 7A61P 19/02 7C12N 15/12 7A61P 31/18 7A61K 38/20 7C12N 15/24 7C07K 14/54 7G01N 33/68 7C07K 14/715**
[25] EN
[54] **A FUSION PROTEIN**
[54] **PROTEINE HYBRIDE**
[72] TOPLEY, NICHOLAS, GB
[72] JONES, SIMON ARNETT, GB
[71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
[71] UNIVERSITY OF WALES COLLEGE OF MEDICINE, GB
[85] 2004-02-02
[86] 2002-08-02 (PCT/GB2002/003581)
[87] 2003-02-20 (WO2003/014359)
[30] GB (0119015.6) 2001-08-03

[21] **2,456,199**
[13] A1

[51] **Int.Cl. 7C12P 21/06 7C07K 1/00 7C07K 16/00 7C12N 15/00 7C07H 21/04 7C12N 1/20 7C12N 15/63**
[25] EN
[54] **GENE ASSOCIATED WITH BONE DISORDERS**
[54] **GENE ASSOCIE A DES TROUBLES OSSEUX**
[72] HOUGHTON, ADAM, US
[72] JAISWAL, NEELAM, US
[71] AXELROD, DOUGLAS W., US
[72] COOK, JONATHAN S., US
[72] MERTZ, LAWRENCE, US
[72] JI, DARREN, US
[71] GENE LOGIC, INC., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-02-03
[86] 2002-08-05 (PCT/US2002/024764)
[87] 2003-02-13 (WO2003/012070)
[30] US (60/309,495) 2001-08-03
[30] US (60/317,975) 2001-09-10

[21] **2,456,311**
[13] A1

[51] **Int.Cl. 7C12N 15/60 7A01H 5/00 7A01H 5/10 7C12N 5/10 7C12N 15/82 7C12N 9/88**
[25] EN
[54] **WHEAT PLANTS HAVING INCREASED RESISTANCE TO IMIDAZOLINONE HERBICIDES**
[54] **PLANTS DE BLE PRESENTANT UNE RESISTANCE ACCRUE AUX HERBICIDES A BASE D'IMIDAZOLINONE**
[72] HUCL, PIERRE J., CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2004-02-03
[86] 2002-07-10 (PCT/CA2002/001050)
[87] 2003-02-20 (WO2003/014356)
[30] US (60/311,180) 2001-08-09

[21] **2,456,314**
[13] A1

[51] **Int.Cl. 7C12N 15/60 7A01H 5/00 7A01H 5/10 7C12N 5/10 7C12N 15/82 7C12N 9/88**
[25] EN
[54] **WHEAT PLANTS HAVING INCREASED RESISTANCE TO IMIDAZOLINONE HERBICIDES**
[54] **PLANTS DE BLE PRESENTANT UNE RESISTANCE ACCRUE AUX HERBICIDES A BASE D'IMIDAZOLINONE**
[72] HUCL, PIERRE J., CA
[72] POZNIAK, CURTIS J., CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2004-02-03
[86] 2002-07-10 (PCT/CA2002/001051)
[87] 2003-02-20 (WO2003/014357)
[30] US (60/311,282) 2001-08-09

PCT Applications Entering the National Phase

[21] **2,456,369**
[13] A1
[51] **Int.Cl. 7C07K 14/435 7C12N 15/12 7A61K 38/17**
[25] EN
[54] **PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH**
[54] **PROTEINES ASSOCIEES A LA CROISSANCE, LA DIFFERENTIATION ET LA MORT CELLULAIRES**
[72] GURURAJAN, RAJAGOPAL, US
[72] TANG, Y. TOM, US
[72] HAFALIA, APRIL J.A., US
[72] YUE, HUIBIN, US
[72] SPRAGUE, WILLIAM W., US
[72] BOROWSKY, MARK L., US
[72] GRIFFIN, JENNIFER A., US
[72] YUE, HENRY, US
[72] ELLIOTT, VICKI S., US
[72] GRAUL, RICHARD C., US
[72] DUGGAN, BRENDAN M., US
[72] SWARNAKAR, ANITA, US
[72] WARREN, BRIDGET A., US
[72] REDDY, ROOPA, US
[72] RICHARDSON, THOMAS W., US
[72] GORVAD, ANN E., US
[72] KABLE, AMY E., US
[72] LEE, SOO YEUN, US
[72] EMERLING, BROOKE M., US
[72] BARROSO, INES, GB
[72] AZIMZAI, YALDA, US
[72] LI, JOANA X., US
[72] BECHA, SHANYA D., US
[72] BAUGHN, MARIAH R., US
[72] FORSYTHE, IAN J., US
[72] GIETZEN, KIMBERLY J., US
[72] XU, YUMING, US
[72] ISON, CRAIG H., US
[72] YAO, MONIQUE G., US
[72] LEE, SALLY, US
[72] KHAN, FARRAH A., US
[71] INCYTE GENOMICS, INC., US
[85] 2004-02-03
[86] 2002-08-08 (PCT/US2002/025465)
[87] 2003-02-20 (WO2003/014322)
[30] US (60/311,017) 2001-08-08
[30] US (60/313,070) 2001-08-17
[30] US (60/313,071) 2001-08-17
[30] US (60/314,678) 2001-08-24
[30] US (60/316,692) 2001-08-31
[30] US (60/317,913) 2001-09-07
[30] US (60/322,182) 2001-09-14
[30] US (60/340,747) 2001-12-07
[30] US (60/342,761) 2001-12-20
[30] US (60/369,129) 2002-03-29

[21] **2,456,571**
[13] A1
[51] **Int.Cl. 7C07K 14/47 7G01N 33/68**
[25] EN
[54] **HUMAN SECRETED PROTEINS, THEIR ENCODING POLYNUCLEOTIDES, AND USES THEREOF**
[54] **ADN COMPLEMENTAIRE ET PROTEINES HUMAINS ET LEURS UTILISATIONS**
[72] TANAKA, HIROAKI, FR
[72] BEJANIN, STEPHANE, FR
[71] GENSET S.A., FR
[85] 2004-02-05
[86] 2001-10-15 (PCT/IB2001/002321)
[87] 2003-02-20 (WO2003/014151)
[30] US (60/311,305) 2001-08-10
[30] US (60/314,734) 2001-08-24
[30] US (60/318,204) 2001-09-07
[30] US (60/326,470) 2001-10-01

[21] **2,456,928**
[13] A1
[51] **Int.Cl. 7C07K 14/135 7C07K 14/705**
[25] EN
[54] **CELLULAR VIRUS RECEPTORS AND METHODS OF USE.**
[54] **RECEPTEURS VIRAUX CELLULAIRES ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] ZEMZOUMI, KHALID, CA
[72] RENZI, PAOLO, CA
[71] TOPIGEN PHARMACEUTIQUE INC., CA
[85] 2004-02-10
[86] 2002-08-12 (PCT/CA2002/001248)
[87] 2003-02-20 (WO2003/014153)
[30] US (60/311,088) 2001-08-10

Canadian Divisional and Previously Unavailable Laid-Open applications

Demands canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,455,115**
[13] A1
[51] **Int.Cl. 7A61K 31/46 7A61M 11/00
7A61M 15/00 7A61P 11/06 7A61P 11/08
7A61K 9/12 7A61K 9/72**
[25] EN
[54] **MEDICAMENTS**
[54] **MEDICAMENTS**
[72] WYATT, DAVID ANDREW, GB
[72] TAYLOR, ANTHONY JAMES, GB
[72] AKEHURST, RACHEL ANN, GB
[71] GLAXO GROUP LIMITED, GB
[22] 1992-12-04
[41] 1993-06-24
[62] 2,421,976
[30] GB (9126405.1) 1991-12-12
[30] GB (9202522.0) 1992-02-06

[21] **2,455,428**
[13] A1
[51] **Int.Cl. 7C01D 1/02 7C01D 3/00**
[25] EN
[54] **PRODUCTION OF
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[54] **PRODUCTION, A
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D'OXYDES REFRACTAIRES A
STRUCTURE CATIONIQUE
HOMOGENE, SOUS FORME DE
PARTICULES DE LA TAILLE DU
NANOMETRE**
[72] DUGGER, CORTLAND O., US
[71] DUGGER, CORTLAND O., US
[22] 1993-03-01
[41] 1993-09-16
[62] 2,131,326
[30] US (07/843,218) 1992-02-28

[21] **2,455,703**
[13] A1
[51] **Int.Cl. 7C11D 17/02**
[25] EN
[54] **A MULTI-PHASE DETERGENT
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[54] **PASTILLES DETERGENTES
MULTI-PHASE**
[72] BENNIE, BRENDA FRANCES, GB
[71] THE PROCTOR & GAMBLE
COMPANY, US
[22] 1999-07-09
[41] 2000-01-27
[62] 2,337,408
[30] GB (9815525.2) 1998-07-17
[30] GB (9818706.5) 1998-08-28

[21] **2,455,805**
[13] A1
[51] **Int.Cl. 7G01N 33/50 7C12Q 1/00
7G01N 33/02 7G01N 33/493**
[25] EN
[54] **COMPOUNDS AND METHODS
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[54] **COMPOSES ET PROCEDES
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[72] SZWERGOLD, BENJAMIN, US
[72] BROWN, TRUMAN R., US
[72] KAPPLER, FRANCIS, US
[72] SU, BANGYING, US
[72] LAL, SUNDEEP, US
[71] FOX CHASE CANCER CENTER, US
[22] 1998-02-05
[41] 1998-08-06
[62] 2,279,428
[30] US (08/794,433) 1997-02-05

[21] **2,455,867**
[13] A1
[51] **Int.Cl. 7A47B 3/14 7A47B 3/08**
[25] EN
[54] **FOLDING ROLL-AWAY TABLE**
[54] **TABLE PLIANTE SUR ROUES**
[72] GRIEPENTROG, DENNIS, US
[71] KRUEGER INTERNATIONAL, INC.,
US
[22] 2000-10-03
[41] 2001-05-16
[62] 2,322,054
[30] US (09/441,237) 1999-11-16

[21] **2,455,869**
[13] A1
[51] **Int.Cl. 7A47B 3/14 7A47B 3/00**
[25] EN
[54] **FOLDING ROLL-AWAY TABLE**
[54] **TABLE PLIANTE SUR ROUES**
[72] GRIEPENTROG, DENNIS, US
[71] KRUEGER INTERNATIONAL, INC.,
US
[22] 2000-10-03
[41] 2001-05-16
[62] 2,322,054
[30] US (09/441,237) 1999-11-16

[21] **2,455,876**
[13] A1
[51] **Int.Cl. 7A47B 3/14 7A47B 3/00**
[25] EN
[54] **FOLDING ROLL-AWAY TABLE**
[54] **TABLE PLIANTE SUR ROUES**
[72] GRIEPENTROG, DENNIS, US
[71] KRUEGER INTERNATIONAL, INC.,
US
[22] 2000-10-03
[41] 2001-05-16
[62] 2,322,054
[30] US (09/441,237) 1999-11-16

Canadian Divisional and Previously Unavailable Laid-Open applications

[21] **2,455,879**
[13] A1
[51] **Int.Cl. 7A47B 3/14 7A47B 3/00**
[25] EN
[54] **FOLDING ROLL-AWAY TABLE**
[54] **TABLE PLIANTE SUR ROUES**
[72] GRIEPENTROG, DENNIS, US
[71] KRUEGER INTERNATIONAL, INC.,
US
[22] 2000-10-03
[41] 2001-05-16
[62] 2,322,054
[30] US (09/441,237) 1999-11-16

[21] **2,455,954**
[13] A1
[51] **Int.Cl. 7C07D 405/12 7A61K 31/4525**
[25] EN
[54] **4-PHENYLPYPERIDINE**
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[54] **COMPOSES 4-**
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[72] LEMMENS, JACOBUS MARIA, NL
[72] VAN DALEN, FRANS, NL
[72] BENNEKER, FRANCISCUS
BERNARDUS GEMMA, NL
[72] PETERS, THEODORUS HENDRICUS
ANTONIUM, NL
[72] PICHA, FRANTISEK, CZ
[71] SYNTHON B.V., NL
[22] 1997-06-10
[41] 1998-12-17
[62] 2,293,247

[21] **2,455,956**
[13] A1
[51] **Int.Cl. 7C07F 9/12 7A61P 35/00**
7A61K 31/455 7A61K 31/495 7A61K 31/
661 7A61K 31/6615
[25] EN
[54] **COMPOSITIONS AND METHODS**
FOR USE IN TARGETING VASCULAR
DESTRUCTION
[54] **COMPOSITIONS ET PROCEDES**
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DESTRUCTION VASCULAIRE
[72] PETTIT, GEORGE R., US
[72] LIPPERT, JOHN W., US
[71] ARIZONA BOARD OF REGENTS, US
[22] 2000-02-16
[41] 2000-08-24
[62] 2,358,925
[30] US (60/120,478) 1999-02-18

[21] **2,455,985**
[13] A1
[51] **Int.Cl. 7A61K 31/138 7A61P 9/08**
7A61P 9/10 7A61K 9/22 7A61K 9/52
[25] EN
[54] **THERAPEUTIC INHIBITOR OF**
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[54] **INHIBITEUR THERAPEUTIQUE**
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[72] GRAINGER, DAVID J., GB
[72] WEISSBERG, PETER L., GB
[72] METCALFE, JAMES C., GB
[71] NEORX CORPORATION, US
[22] 1994-05-12
[41] 1994-11-24
[62] 2,162,587
[30] US (08/062,451) 1993-05-13

Index of Canadian Patents Issued

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ABB INC.	2,258,248	ELECTRONIC SYSTEMS INTEGRATION INC.	2,110,962	BIOIMAGE A/S	2,286,293
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LALANDE, GUY	2,341,610	MAREMONT EXHAUST PRODUCTS, INC.	2,318,254	MORI, SACHIO	2,138,264
LALWANI, TARIK	2,293,672	MARS UK LIMITED	2,338,011	MORINAGA MILK INDUSTRY CO., LTD.	2,351,554
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		MEDICAL COLLEGE OF OHIO	2,168,575	NAKAJIMA, MASAHIRO	2,306,005
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WESTLAKE, LEONARD L.	2,290,464		
WHITE, DENNIS A.	2,261,682		

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INCORPORATED	2,440,945	BARTKOWSKA, BEATA	2,440,415	BUKOVITZ, RICHARD K.	2,413,481
ADLER, SCOTT	2,441,183	BASSOT, ALAIN	2,440,995	BUNKER, RONALD SCOTT	2,439,718
AIRBUS FRANCE	2,440,972	BATZINGER, THOMAS		C.N.R.S.	2,404,540
AKABANE, TETSUYA	2,441,140	JAMES	2,439,714	C.O.S.M.E. INC.	2,440,916
ALCATEL CANADA INC.	2,404,191	BAUER MASCHINEN GMBH	2,438,634	CABOT SAFETY	
ALILOVIC, IVANA	2,403,703	BAY, TED	2,440,606	INTERMEDIATE	
ALIMENTS BRETON INC.	2,441,627	BAYER		CORPORATION	2,441,747
ALLARD, SEBASTIEN	2,404,093	AKTIENGESELLSCHAFT	2,440,585	CANADIAN INOVATECH INC.	
ALLEMANN, MARKUS	2,441,183	BAYER ANTWERPEN N.V.	2,441,185		2,404,356
ALLSOPP, REGINALD		BAYER POLYMERS LLC	2,441,185	CARINGELLA, ANTHONY R.	2,440,941
CHARLES	2,440,695	BEAUDOIN, NORMAND	2,401,678	CARINGELLA, ANTHONY R.	2,441,145
ALVES, LEE	2,404,457	BEAUDOIN, NORMAND	2,401,687	CARINGELLA, ANTHONY R.	2,441,149
AMATO, WILLIAM P.	2,441,895	BEBB, ROBERT DOUGLAS	2,434,707	CARL FREUDENBERG KG	2,441,249
AMBRI, FRANCO	2,441,175	BECKER, FERNANDO		CARPENTER, STEVEN E.	2,438,162
AMERICAN CYANAMID		AUGUSTO	2,416,085	CARPENTER, TODD L.	2,441,245
COMPANY	2,406,504	BEDNARZ, VINCE	2,439,992	CARSON, MARK	2,439,351
AMGEN CANADA INC.	2,400,254	BELANGER, CAMIL	2,400,250	CAVANNA S.P.A.	2,427,318
AMSTED INDUSTRIES		BELANGER, GINETTE	2,405,062	CAYCE, CRAIG	2,420,123
INCORPORATED	2,440,751	BELANGER, GUY	2,441,627	CHALEK, CARL LAWRENCE	2,439,714
ANCIMER, RICHARD	2,444,163	BELNAP, J. DANIEL	2,441,456	CHANG, YONG-DEOK	2,440,064
ANDERSON, BRAD	2,440,929	BELT, BARBARA A.	2,441,215	CHANGEUX, JEAN PIERRE	2,404,540
ANDERSON, BRAD	2,441,452	BENDIX COMMERCIAL		CHARBONNEAU, PIERRE	2,440,916
ANDERSON, MERWIN	2,441,452	VEHICLE SYSTEMS LLC	2,441,895	CHAREYRE, PHILIPPE	2,440,972
ANDERSON, MERWIN	2,441,457	BEN-HAIM, SHLOMO	2,440,495	CHEMALI, ROLAND	2,447,508
ANDERSON, TOM	2,403,719	BENJAY, ROBERT P.	2,441,049	CHESTOPALOV, IOURII	
ANDREAS STIHL AG & CO.		BENSON, OWEN	2,402,495	KONSTANTINOVITCH	2,452,107
KG.	2,441,067	BENZ, DENNIS CLAUDE	2,404,198	CHILDERS, WINTHROP D.	2,439,650
ANGEL MEDICAL SYSTEMS,		BERRETTA, GREGG	2,400,253	CHILDERS, WINTHROP D.	2,439,997
INC.	2,433,721	BETH-EL ZIKHRON-		CHRISTENSEN, MICHAEL	2,440,929
AQUA GLASS CORPORATION		YA' AQOV INDUSTRIES		CHRISTENSEN, MICHAEL	2,441,349
	2,435,549	LTD.	2,441,062	CHRISTENSEN, MICHAEL	2,441,433
AQUA GLASS CORPORATION		BIO-ORIENTED		CIGANA, PATRICK	2,404,093
	2,435,583	TECHNOLOGY		CLAMEN, GUY JOSEPH	2,440,486
AQUASCAPE DESIGNS, INC.	2,433,815	RESEARCH		CLARKE, JOHN	2,401,760
ARCAND, YVES	2,405,062	ADVANCEMENT		CLEVER DEVICES, LTD.	2,442,175
ARDUINI, GIOVANNI	2,441,338	INSTITUTION	2,422,599	CLICK CLACK LIMITED	2,441,338
ARKO DEVELOPMENT		BIO-ORIENTED		CNOSEN, JACK E.	2,441,198
LIMITED	2,432,198	TECHNOLOGY		COCHRAN, TONY	2,430,016
ARTHUR, ALAN R.	2,438,512	RESEARCH		COHEN, MICHAEL	2,439,183
ATBI, ABDERRAHMANE	2,441,379	ADVANCEMENT		COLE, ERIC V.	2,441,453
ATLANTIC CITY COIN &		INSTITUTION	2,422,620	COLLEGE DE FRANCE	2,404,540
SLOT SERVICE		BIOSENCE, INC.	2,440,495	COMPUTALOG U.S.A., INC.	2,447,508
COMPANY, INC.	2,423,055	BIOSENSE, INC.	2,440,660	CONOCOPHILLIPS	
ATOFINA	2,441,066	BOLDER, RON SCOTT	2,404,191	COMPANY	2,441,198
AUDREN, JEAN THIERRY	2,441,020	BOMBARDIER INC.	2,440,948	CONOCOPHILLIPS	
AVENTIS BEHRING GMBH	2,440,914	BONNY, JEAN-CLAUDE	2,440,995	COMPANY	2,441,215
AYRAL-KALOUSTIAN,		BOULET, KATHY	2,440,616	CORMIER, ANNE	2,404,540
SEMIRAMIS	2,406,504	BOYD, SCOTT	2,440,945	CORNWALL, KENNETH R.	2,429,950
BAILEY, THOMAS F.	2,441,738	BOYER, CHRISTOPHER T.	2,422,318	COULOMBE, NORMAND	2,402,295
BALDWIN, JOHN R.	2,440,781	BOYLE, JANET LYNNE	2,405,375	CRACKOWER, MICHAEL	2,400,254
BALLARD POWER SYSTEMS		BREN, MARK A.	2,439,329	CREDO TECHNOLOGY	
INC.	2,441,379	BROCK, LORI R.	2,432,873	CORPORATION	2,441,183
		BROWN, CHARLES M.	2,435,549	CREO INC.	2,429,550

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CURTIS INTERNATIONAL, INC.	2,437,911	FEDERICO, MAURIZIO	2,438,778	GRAY, SARAH JANE	2,440,415
CURTIS, MARC D.	2,437,911	FEIERTAG, ALAN DALE	2,441,000	GREATBATCH-SIERRA, INC.	2,426,232
CYPRUS AMAX MINERALS COMPANY	2,428,825	FINK, RONALD G.	2,441,056	GREENBERGER, LEE MARTIN	2,406,504
DANIEL, PATRICK	2,441,509	FISCHELL, DAVID R.	2,433,721	GRIFFITHS, JOSEPH ANTHONY	2,440,431
DAUTAIS, JEAN-PIERRE	2,405,062	FISCHELL, ROBERT E.	2,433,721	GRINBERG, ALEXANDER	2,440,811
DAVIS, PHILIP	2,420,123	FISCHELL, TIM A.	2,433,721	GRINBERG, ALEXANDER	2,440,919
DAXHELET, XAVIER	2,404,093	FITZGERALD, MICHAEL	2,441,469	GRUEN, MICHAEL	2,440,585
DE FACCI OLIVEIRA, RICARDO AUGUSTO	2,416,085	FLEXXAIRE MANUFACTURING INC.	2,403,632	GUIDETTI, DARIO	2,427,318
DECOMA INTERNATIONAL INC.	2,441,024	FLICK, KENNETH E.	2,451,487	GUIDRY, MICHAEL J., JR.	2,441,660
DEERE & COMPANY	2,405,365	FLICK, KENNETH E.	2,451,490	GULISANO, MATTHEW J.	2,433,815
DEERE & COMPANY	2,441,251	FORD GLOBAL TECHNOLOGIES, LLC	2,441,714	GUSTAFSON PARTNERSHIP	2,400,269
DEFAIX, FLORENCE	2,421,825	FORDYCE, ROBERT J.	2,411,499	HAIDER, BRUNO HANS	2,439,714
DEMARIA, CHRISTOPHER	2,430,821	FORTIN, MAURICE ARTHUR	2,404,198	HAILEY, CHARLES D.	2,441,138
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DEPUY ACROMED, INC.	2,440,811	FOSTER, TIMOTHY JOHN	2,440,415	HALLIBURTON ENERGY SERVICES, INC.	2,440,102
DEPUY ACROMED, INC.	2,440,919	FOX, MARTIN D.	2,440,781	HALLIBURTON ENERGY SERVICES, INC.	2,440,247
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DISCAFANI-MARRO, CAROLYN MARY	2,406,504	FRANKLIN, DAVID CHARLES	2,439,714	HAMAGUCHI, AKIHITO	2,403,641
DOLGONOS, ALEX	2,441,305	FRAZIER, TIM	2,444,163	HAMMOND, GEORGE	2,441,457
DOVESI, PIETRO	2,424,667	FREBERG, ROBERT	2,450,260	HANNIGAN, SEAN D.	2,434,707
DOWNTON, GEOFF	2,438,826	FRIZELL, RICHARD THOMAS	2,440,997	HANSEN, KEVIN S.	2,441,522
DOWNTON, GEOFF	2,440,996	FUCHS, ALBRECHT	2,441,062	HARWOOD, JONATHAN	2,433,721
DOYLE, MICHAEL	2,421,825	FUKUMOTO, HIROAKI	2,441,469	HASKELL, DONALD K.	2,426,232
DROST, ANDREAS	2,403,581	GAGNON, GILLES	2,448,948	HATFIELD, WILLIAM THOMAS	2,439,714
DUNAND-ROUX, LEON	2,441,036	GAO, JIANFENG	2,441,448	HATIPOGLU, CEM	2,441,895
DUNN, JAMES H.	2,404,070	GARNER, WILLIAM NICHOLAS	2,400,258	HAWTHORNE, MICHAEL J.	2,441,364
DUNN, MARK E.	2,441,686	GEDDES, MARTIN WILLIAM	2,441,240	HAYWARD, KEVIN M.	2,437,682
DUPUIS, JEAN	2,442,466	GENERAL ELECTRIC COMPANY	2,417,781	HEINRICH, RALF	2,441,249
DYNAMCO PTY LTD.	2,440,997	GENERAL ELECTRIC COMPANY	2,439,714	HERMAN, WILLIAM	2,402,930
EATON CORPORATION	2,441,049	GENERAL ELECTRIC COMPANY	2,439,718	HERRON, ROBERT A.	2,414,470
EBERLE EQUIPAMENTOS E PROCESSOS S.A.	2,416,085	GENEWAY BIOTECHNOLOGY CORPORATION	2,441,462	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2,435,104
EDMUNDS, RAY	2,404,245	GERHARDY, REINHARD	2,441,067	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2,438,162
ELECTROLUX HOME PRODUCTS, INC.	2,430,016	GERLICH, TORSTEN	2,441,249	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2,438,512
ELLIS, WALTER B.	2,441,056	GERRITSEN, JOHN T.	2,422,318	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2,439,650
EMERSON POWER TRANSMISSION MANUFACTURING, L.P.	2,431,103	GERWING, MURRAY C.	2,403,632	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2,439,997
EMTER, JAMES SR.	2,439,755	GEYER, KLAUS	2,441,067	HIGHAM, PAUL	2,430,821
ENGLAND, BERTRUM	2,441,452	GIERE, MATTHEW	2,439,997	HILDRETH, JIMMY J.	2,435,549
ENGLAND, BERTRUM	2,441,457	GIERE, MATTHEW D.	2,439,650	HILL, JASON J.	2,431,103
ENPAR TECHNOLOGIES INC.	2,440,917	GILMORE, ROBERT SNEE	2,439,714	HILL, PHILIP G.	2,441,686
ERICK, DOUGLAS	2,404,189	GLAWE, JOHN	2,441,433	HIRABAYASHI, AKIRA	2,441,140
ESPINOZA, RAFAEL L.	2,441,198	GLOBAL INDUSTRIES HOLDINGS LTD.	2,444,547	HITT, BRIAN JAMES	2,405,365
ETHICON ENDO-SURGERY, INC.	2,440,496	GLOBAL INDUSTRIES HOLDINGS LTD.	2,445,903	HODAR, FRANCOIS	2,441,020
ETHICON ENDO-SURGERY, INC.	2,440,497	GLOBAL INDUSTRIES HOLDINGS LTD.	2,451,537	HOLDER, DONALD J.	2,433,815
ETI HOLDINGS CORP.	2,403,703	GLOBAL INDUSTRIES HOLDINGS LTD.	2,451,544	HOLLER, GUSZTAV	2,441,895
EVANS, JASON DAVID	2,441,240	GOVARI, ASSAF	2,440,495	HONDA GIKEN KOGYO	
EVEN, PHILIPPE	2,440,995	GOVARI, ASSAF	2,440,660	KABUSHIKI KAISHA	2,439,989
F. VON LANGSDORFF LICENSING LIMITED	2,403,581	GRAILHE, REGIS CHRISTIAN	2,404,540	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,441,046
FACHE, CLAUDE	2,442,940	GRANDGEORGE, MICHEL	2,440,914		

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KABUSHIKI KAISHA	2,441,362	KERIK, KEVIN GW	2,402,282	LI, ZIJUN	2,440,492
HONDA, NORIYUKI	2,403,641	KERKER, MICHAEL	2,420,123	LIM, SE-YOUN	2,438,382
HOOKER, JOHN KENNETH	2,417,781	KESHAVAN, MADAPUSI K.	2,441,456	LIMA, JOSEPH V.	2,428,571
HOUARD, ROBERT	2,442,940	KEYAKI, SHINICHIRO	2,439,989	LIN, PEI-YING	2,451,544
HOWMEDICA OSTEONICS		KIBBEE, JOHN	2,400,269	LOGANZO, FRANK JR.	2,406,504
CORP.	2,430,821	KIISKILA, STEVEN	2,440,580	LONG, CHARLES KEITH	2,433,270
HOWTON, JAMIE	2,441,044	KIM, A-JUNG	2,438,382	LONG, GARY L.	2,440,496
HSEU, RUEY-SHYANG	2,441,462	KIM, JAE-HYON	2,440,064	LONG, GARY L.	2,440,497
HUANG, CHANG-NING	2,441,448	KIM, JIN-HEE	2,438,382	LOUVER-LITE LIMITED	2,440,695
HUANG, SHUN-FENG	2,400,252	KIM, SU-HYUNG	2,438,382	LUCYSHYN, TROY	2,440,580
HUANG, YA-HUI	2,441,462	KIMATA, RYUICHI	2,441,046	LUCYSHYN, TROY	2,440,606
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ILLINOIS TOOL WORKS INC.	2,440,941	KITCHEN, JOHN	2,440,580	MACNAMARA, JOSEPH M.	2,441,895
ILLINOIS TOOL WORKS INC.	2,441,145	KITCHEN, JOHN	2,440,606	MADEC, ALAIN	2,440,995
ILLINOIS TOOL WORKS INC.	2,441,149	KLAASSEN, RICHARD		MADGE, DONALD NORMAN	2,400,258
ILLINOIS TOOL WORKS INC.	2,441,171	EUGENE	2,439,714	MAIRE, PAUL	2,441,336
ILLINOIS TOOL WORKS INC.	2,441,296	KLATT, CHRISTOPHER	2,441,249	MANDEL, SHELDON W.	2,437,779
ILLINOIS TOOL WORKS INC.	2,441,349	KLESEN, CHRISTOF	2,441,249	MARCO, LESLIE S.	2,441,296
ILLINOIS TOOL WORKS INC.	2,441,433	KNAUS, JASON	2,441,051	MARQUARDT, GARTH	2,443,270
ILLINOIS TOOL WORKS INC.	2,441,452	KNAUSEDER, FRANZ	2,440,554	MARTINEAU, PIERRE	2,404,093
ILLINOIS TOOL WORKS INC.	2,441,457	KNIGHTS, SHANNA D.	2,441,379	MARTINREA	
INGRAM, MARK	2,440,580	KOBAYASHI, HIROSHI	2,441,140	INTERNATIONAL INC.	2,404,245
INGRAM, MARK	2,440,606	KOBAYASHI, MASANOBU	2,440,046	MASSE, YVES	2,404,544
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IS2 RESEARCH INC.	2,404,613	KOBRYN, MICHAEL	2,423,055	MATSUSHITA ELECTRIC	
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ISOBE, MAKOTO	2,403,641	KOPRAS, ROBERT K.	2,441,183	INDUSTRIAL CO., LTD.	2,440,926
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ITF TECHNOLOGIES		KREPEC, MATHIEU	2,404,126	MCHARDY, COLIN	2,441,240
OPTIQUES INC.- ITF		KRUSHELNISKI, KYLE	2,440,580	MCINTIRE, SCOTT W.	2,441,738
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IWAHORI, SHUICHI	2,422,620	LACASSE, ROGER	2,405,062	WORKS, INC.	2,403,641
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	2,441,140	LAMOTHE, PIERRE	2,440,995	METLITZKY, IVOR	2,440,997
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JACKSON, ANDREW	2,440,580	LAROCHE, ERIC	2,417,781	MILLER, JULIE A.	2,441,895
JACKSON, ANDREW	2,440,606	LASSAR, NOAH	2,439,997	MILLER, LLOYD E.	2,442,175
JACKSON, STEVEN	2,404,463	LASSAR, NOAH C.	2,439,650	MISNER, PETER	2,403,639
JEONG, JIN-HEE	2,440,064	LAVOIE, HERVE	2,403,597	MITSUBISHI GAS CHEMICAL	
JONES, DAVID M.	2,402,056	LE GROUPE CANAM MANAC		COMPANY, INC.	2,440,909
JONES, EDWARD L.	2,440,115	INC.	2,441,737	MITSUBISHI RAYON CO.,	
JORDAN, RICHARD JEFFREY	2,440,945	LEATHAM, MARCIA	2,440,495	LTD.	2,440,806
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KANAGAWA, AKIRA	2,440,046	LEDUC, PHILIP	2,440,580	MKS INC.	2,421,825
KARSTEN MANUFACTURING		LEDUC, PHILIP	2,440,606	MOAN, DEAN EDWARD	2,404,315
CORPORATION	2,441,453	LEE, HAN MING	2,403,578	MOHEDAS, SERGIO R.	2,441,198
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KAYANO, TOSHIKA	2,422,599	LE-KHAC, BI	2,441,185	MONTANA, PETER A., II	2,428,439
KAYANO, TOSHIAKI	2,422,620	LENGSFELD, THOMAS	2,440,914	MOREAU, SERGE	2,404,535
KEARNEY, JAMES	2,439,351	LEW, ANDREW	2,441,379	MOREAU, SERGE	2,441,737
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MUNSHI, SANDEEP	2,444,163	PIROVOLOU, DIMITRIOS K.	2,440,996	SAMSUNG ELECTRONICS CO., LTD.	2,440,064
MURRAY, WILLIAM D.	2,441,660	POIRIER, MARC	2,440,580	SANDEEN CORPORATION	2,440,533
MUTSUYOSHI, HIROSHI	2,413,121	POIRIER, MARC	2,440,606	SANTOU, IETSUGU	2,440,806
MYERS, BRIAN	2,441,747	POLLARD BANKNOTE LIMITED	2,451,788	SCANIMETRICS INC.	2,404,183
NAE, DAN DUMITRU	2,441,509	POLLET, BRUNO	2,440,486	SCHAEFER, WOLFRAM	2,440,914
NARISHIMA, SHIGEKI	2,440,962	POPOVICH, MICHAEL S.	2,440,941	SCHLUMBERGER CANADA LIMITED	2,438,826
NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES	2,422,599	POPOVICH, MICHAEL S.	2,441,145	SCHLUMBERGER CANADA LIMITED	2,440,996
NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES	2,422,620	POPOVICH, MICHAEL S.	2,441,149	SCHMIDT, JACK H.	2,439,650
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BAU, DAVID III	2,455,486	BIERINGER, HERMANN	2,454,488	BREWERY COMPANY, LIMITED	2,453,880
BAUGHMAN, DAVID R.	2,454,812	BILAK, ROMAN A.	2,455,732	BRICKLEY, STEPHEN	2,454,742
BAUGHMAN, DAVID R.	2,454,821	BILLERT, ULRICH	2,453,925	BRIDGESTONE CORPORATION	2,455,912
BAUGHN, MARIAH R.	2,456,369	BILLINGS, ALAN L.	2,455,508	BRINKER, JEFFREY T.	2,455,119
BAUMANN, ROBERT	2,454,912	BILLINGSLEY, STEVE	2,454,577	BRISTON, ALAN BRUCE	2,454,933
BAUMBACH, BEATE	2,455,880	BINETTE, MARK L.	2,455,724	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,453,839
BAUSCH & LOMB INCORPORATED	2,454,795	BINNEY & SMITH INC.	2,454,582	BROCK, DARREN K.	2,454,834
BAUSCH & LOMB, INCORPORATED	2,454,833	BIOA PTY LIMITED	2,453,470	BRODDE, MARTIN	2,453,140
BAXTER INTERNATIONAL INC.	2,455,625	BIOALLIANCE PHARMA	2,455,633	BROWN, JACQUES	2,456,037
BAY, F. M.	2,454,117	BIOLEX, INC.	2,448,358	BROWN, ROBERT H.	2,455,726
BAYER CROPSCIENCE GMBH	2,454,488	BIOREGIONAL MINIMILLS (UK) LIMITED	2,455,187	BRUCHMANN, RICHARD A.	2,455,130
BAYER HEALTHCARE AG	2,455,754	BIOVETA AG	2,453,831	BRUNO, MICHAEL S.	2,455,732
BAYER HEALTHCARE AG	2,455,772	BITTNER, LIBOR	2,453,831	BRYSON, MICHAEL	2,455,026
BAYER MATERIALSCIENCE AG	2,455,880	BLANCO, LOUIS W.	2,454,724	BUKSHPAN, SHMUEL	2,454,045
BAYER POLYMERS LLC	2,455,627	BLOCH JUNIOR, CARLOS	2,453,112	BULLEN, DAVID ANDREW	2,454,963
BAYER POLYMERS LLC	2,455,775	BLUEMEL, MICHAEL	2,454,909	BURD, GARY S.	2,455,486
BAYLOR COLLEGE OF MEDICINE	2,453,524	BLUMENBERG, MIROSLAV	2,423,247	BUREAU OF SUGAR EXPERIMENT STATIONS	2,454,383
BEA SYSTEMS, INC.	2,454,608	BO, YUNXIN	2,454,903	BURET, FRANCOIS	2,454,248
BEA SYSTEMS, INC.	2,454,610	BOARD OF TRUSTEES OF THE LELAND STANFORD, JR., UNIVERSITY	2,449,054	BURG, MICHAEL ALAN	2,453,579
BEA SYSTEMS, INC.	2,455,486	BOCCACCIO, CLAIRE	2,454,734	BURGALASSI, SUSI	2,454,918
BEAMAN, JOSEPH J.	2,429,960	BODMER, DAVID	2,455,680	BURGE, PHILIP MICHAEL	2,455,233
BEASLEY, ELLEN M.	2,443,211	BODYMEDIA, INC.	2,454,655	BURGER, CHRISTA	2,453,986
BEATTIE, KEVIN L.	2,455,026	BOECK, GEORG	2,455,261	BURKHARD, ALAN	2,455,698
BECCHI, DANIELE	2,455,523	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG	2,453,913	BURMEISTER, AXEL	2,454,691
BECHA, SHANYA D.	2,456,369	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG	2,455,261	BURMEISTER, AXEL	2,454,897
BECK, ALAIN	2,455,360			BURON, HELENE SYLVIE	2,450,149
BECK, STEPHEN C.	2,455,509			BUSBY, LOUIS J., JR.	2,455,480
				BUSH, CHARLES L., JR.	2,454,947
				BUSSKAMP, HEINZ	2,454,770
				BUSTOS, RAFAEL T.	2,455,082
				BUTLER, DAVID GEORGE	2,455,609

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C.G. BRETTING		CHANG, LINGO	2,455,698	CONROW, LARRY	2,455,502
MANUFACTURING		CHAO, TAI-AN	2,455,818	CONSEJO SUPERIOR DE	
COMPANY, INC.	2,455,746	CHASSER, ANTHONY M.	2,455,780	INVESTIGACIONES	
CADILA HEALTHCARE LTD.	2,454,863	CHASSER, ANTHONY M.	2,455,782	CIENTIFICAS	2,455,403
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CAI, JIDONG	2,454,427	CHASSER, ANTHONY M.	2,455,792	CONTARINO, ALDO	2,454,907
CALI, DOUGLAS S.	2,455,522	CHAUMONT, CHRISTINE	2,455,633	CONTI, FRANCO	2,455,776
CALLACI, JOHN W.	2,455,501	CHAVEZ, RODERICK A.	2,455,486	CONTINUOUS COATING	
CALLAWAY GOLF COMPANY	2,455,724	CHEN, CHEN	2,455,871	CORPORATION	2,454,794
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CANTOS, ANDREW HOWARD	2,454,547	CHEN, PO-HUEI	2,454,536	EN	
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CAPORUSSO, ALESSANDRO	2,454,062	CHERESH, DAVID A.	2,449,054	VAN AARDAPPELMEEL	
CAPRARO, HANS-GEORG	2,453,881	CHERRY, WILLIAM W.	2,455,153	EN DERIV ATEN AVEBE	
CARAVAN, PETER D.	2,455,210	CHERUKURI, REDDY SASTRY		B.A.	2,454,793
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CARNEY, STEVEN C.	2,454,604	CHEVALIER, PIERRE	2,455,331	SERVICES, LLC	2,455,733
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CASATI, FRANCOIS M.	2,455,503	CHOW-TOUN, RAYMOND	2,454,334	COSMO S.P.A.	2,454,675
CASH, JAMES T.	2,455,825	CHR. HANSEN A/S	2,455,977	COSTANTINI, DOMINIQUE	2,455,633
CASHWORKS, INC.	2,455,556	CHRISTENSEN, HANS JOERGEN		COUNCIL OF SCIENTIFIC AND	
CASTILLEJOS, DAVID	2,455,120	SINGEL	2,454,277	INDUSTRIAL RESEARCH	2,454,786
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CATENA NETWORKS, INC.	2,455,924	CHRUSCIEL, ROBERT ALAN	2,453,447	INDUSTRIAL RESEARCH	2,455,566
CAVICCHIOLI, MARCELLO	2,455,631	CHRUSCIEL, ROBERT ALAN	2,453,451	COUTURIER, DENNIS P.	2,455,746
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CDX GAS, L.L.C.	2,455,544	CHUNG, YONG-HO	2,454,022	CRAMER, DANIEL W.	2,453,580
CEBALLOS, THOMAS	2,455,130	CIBA SPECIALTY CHEMICALS		CRAMER, STEFAN	2,454,748
CEDARS-SINAI MEDICAL		HOLDING INC.	2,454,914	CRANDALL, DAVID, L.	2,453,810
CENTER	2,454,043	CIBA SPECIALTY CHEMICALS		CRANK, JUSTIN	2,454,611
CEFILAC	2,454,270	HOLDING INC.	2,455,841	CRASS, MATTHEW M.	2,454,604
CELIKKAYA, AHMET	2,455,952	CIBA SPECIALTY CHEMICALS		CREE MICROWAVE, INC.	2,454,735
CELLTECH R & D LIMITED	2,452,359	HOLDING INC.	2,455,842	CREE MICROWAVE, INC.	2,454,797
CEMINES, LLC	2,455,413	CK MANAGEMENT AB UB	2,454,524	CREE, INC.	2,454,310
CENTRE NATIONAL DE LA		CLARIANT GMBH	2,455,679	CREE, INC.	2,454,735
RECHERCHE		CLEAN UP AMERICA, INC.	2,451,158	CREE, INC.	2,454,797
SCIENTIFIQUE	2,455,398	CLEARWATER		CRICHTON, JAMES C.	2,450,715
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SCIENTIFIQUE	2,455,403	CLINE, JANICE M.	2,454,319	CROSSLAND, WILLIAM G.	2,454,865
CENTRE NATIONAL DE LA		CLOAKWARE CORPORATION	2,454,761	CROWN CORK & SEAL	
RECHERCHE		CML INTERNATIONAL S.P.A.	2,454,062	TECHNOLOGIES	
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RECHERCHE		COHEN, ILANA	2,455,602	FARMS LTD.	2,455,967
SCIENTIFIQUE (CNRS)	2,449,220	COHEN, MARK N.	2,454,831	CSP TECHNOLOGIES, INC.	2,455,048
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CERAMIC ENGINEERING	2,454,964	COLLET, DANIEL	2,455,857	CUENOD, JEAN-CHRISTOPHE	2,454,092
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DARK, RICHARD, C., G.	2,455,448	DOW GLOBAL TECHNOLOGIES	ELEMENT K ONLINE LLC	2,455,502
DARLING, LESLEY	2,455,502	INC.	ELI LILLY AND COMPANY	2,451,998
DAUBER, THOMAS W.	2,455,577	DOW GLOBAL TECHNOLOGIES	ELIAS, JACK A.	2,454,342
DAVEY, GEOFFREY WILLIAM	2,455,558	INC.	ELK PREMIUM BUILDING PRODUCTS, INC.	2,455,026
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DEPUY ACROMED, INC.	2,441,767	EADS DEUTSCHLAND GMBH	EVANS COOLING SYSTEMS, INC.	2,453,970
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RAFFAELE DEL MONTE		GIBSON, PETER	2,455,129	GULLO, JOHN	2,454,726
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FORTIER, RICHARD	2,455,098	GILLIES, IAN ALEXANDER	2,455,165	GUNN, KENNETH	2,454,571
FOS HOLDING S.A.	2,454,662	GINESI, ALBERTO	2,455,924	GUNNESKOV, OLE	2,454,038
FOSTER-MILLER, INC.	2,454,054	GINIS, HARILAO	2,454,662	GUO, ZHIQIANG	2,455,235
FOTSCH, CHRISTOPHER H.	2,454,903	GIRAUD, JEAN PIERRE	2,455,048	GUPTA, SUPRIYA	2,454,587
FOX, STEWART M.	2,455,593	GKN SINTER METALS, INC.	2,454,652	GUPTA, VIKAS	2,455,500
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FRANK, HANS-GEORG	2,453,042	GLEITZ, JOHANNES	2,453,986	VALERIE	2,455,749
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FREEMAN, AMIHAY	2,454,656	GODEK, MARISHA L.	2,453,417	GYENGE, ELOD LAJOS	2,455,109
FREIER, SUSAN M.	2,453,894	GOEBEL, THOMAS	2,455,762	GYPSEK, ANDREAS	2,454,542
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FREITAG, LUTZ	2,454,871	GOFFRE, GERARD	2,455,405	HABERSAAT, PATRICK	2,455,289
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LAUKS, IMANTS R.	2,449,511	LORENZETTI, LEO	2,454,724	MATSUNAGA, NAOYA	2,454,919
LAURENCE, MARTIN	2,455,820	LORETH, ANDRZEJ	2,455,789	MATSUO, SHUICHI	2,455,912
LAURENT, CELINE		LOWINGER, TIMOTHY B.	2,455,754	MATTEL, INC.	2,454,612
MARGUERITE SIMONE	2,453,962	LOXLEY, ANDREW	2,455,819	MATTEL, INC.	2,455,505
Laurin, Nancy	2,456,037	LTS LOHMANN THERAPIE- SYSTEME AG	2,455,064	MATTHEW, ACKLEY	2,455,639
LAWRENCE, DANIEL A.	2,453,810	LU, ZHIMIN	2,454,664	MAZHAR, MOHAMMED	2,454,658
LAWRENCE, DAVID	2,455,456	LUBOCK, PAUL	2,455,769	MCCAFFREY, ANTON	2,454,183
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ALEXANDER	2,454,935	LUCAS, TERRY L.	2,454,610	MCCLENNON, SCOTT	2,455,924
LECHELER, REINHARD	2,454,769	LUGLI, MARIO	2,455,523	MCCLURE, ERIC	2,455,533
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LELIEVRE, SYLVIANE	2,454,687	M&G POLIMERI ITALIA S.P.A.	2,455,588	MCLACHLAN, JUANITA	2,453,183
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LEMMONS, THOMAS	2,455,022	MAAG, WERNER	2,453,313	MCLINTOCK, MICHAEL ALLEN	
LEOPARD LOGIC, INC.	2,454,688	MACARA, FREDERIQUE	2,454,672		2,455,026
LES LABORATOIRES SERVIER	2,454,671	MACPHERSON, JANET	2,453,531	MCMASTER, NEIL	2,455,941
LETTINGTON, ALAN H.	2,455,682	MACPHERSON, JANET L.	2,453,187	MCMICHAEL, JOHN P.	2,455,455
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MOLEBNY, VASYL	2,455,454	NAWA-HEILMITTEL GMBH	2,435,069	NUVELO, INC.	2,454,824
MOLEX INCORPORATED	2,454,722	NAWA-HEILMITTEL GMBH	2,435,072	NYMOX CORPORATION	2,453,965
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PARK, SEOK-MIN	2,429,960	PITT, GARY ROBERT WILLIAM	2,453,962	RAMANATHAN, RAVI	2,455,500
PARK, YONG-YOUP	2,454,022	PITTMAY CORPORATION	2,443,086	RAMOT AT TEL AVIV	
PARKER, FRED T.	2,455,166	PLATA-SALAMAN, CARLOS R.	2,454,049	UNIVERSITY LTD.	2,454,656
PARKMAN, DAVID S.	2,455,738	PLATZEK, JOHANNES	2,455,797	RANGASAYEE, KRISHNA	2,455,010
PARKMAN, DAVID S.	2,455,779	PLOTNICKY, HELENE	2,455,360	RANGER, MICHEL	2,455,491
PARMEE, EMMA	2,450,579	POHLMANN, JENS	2,455,772	RANSING, MEGHANA R.	2,455,778
PATEL, ASPI N.	2,454,567	POLI, GUIDO	2,454,945	RANSING, RAJESH S.	2,455,778
PATEL, SANJAY	2,454,495	POLIMERI EUROPA S.P.A	2,455,335	RANTALA, VEIKKO KALEVI	2,454,759
PATELLA, SHANE	2,453,470	POND, SUSAN	2,453,187	RANZINI, STEPHEN LANGE	2,454,653
PATENT-TREUHAND-		PONTILLO, JOSEPH	2,455,235	RAO, JANASWAMY	
GESELLSCHAFT FUER		POON, LIT MAN	2,456,140	MADHUSUDANA	2,454,786
ELEKTRISCHE		POPOVSKY, FRANK	2,454,586	RAO, JANASWAMY	
GLUEHLAMPEN MBH	2,454,769	POPPER, PETER	2,452,325	MADHUSUDANA	2,455,566
PATRAS, GEORGE	2,455,130	PORRATA, ALEJANDRO A.	2,454,064	RASMUSSEN, LARS	2,454,615
PAULI, TIM	2,455,733	PORRATA, HUMBERTO L.	2,454,064	RASPUZZI, MICHAEL D.	2,454,061
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RAYMOND, VINCENT	2,456,037	RUPP, FABIO	2,454,824	SCHLICK ROTO-JET-	
RAYNER, MICHAEL G.	2,455,750	RUSS, HERMANN	2,455,621	MASCHINENBAU GMBH	2,454,736
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REID, DOUGLAS	2,455,855	SAETTONÉ, MARCO FABRIZIO	2,454,918	SCHNEIDER, JOHN C.	2,454,610
REILMAN, RANDALL THOMAS	2,455,959	SAHOO, SOUMYA P.	2,455,179	SCHNEIDER, WERNER	2,455,761
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RICHARDSON, THOMAS W.	2,456,369	SAKO, KENTARO	2,447,766	SCHWEIZER, HERMAN	2,454,769
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ROBERTSON, JOANNA M.	2,454,821	S.P.A.	2,454,389	SELECTIVE GENETICS, INC.	2,453,579
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INC.	2,454,585	CO., LTD.	2,454,976	SENGA, TERUFUMI	2,454,538
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ROCHE, DIDIER	2,455,749	SANTRADE LTD.	2,455,496	SENOX CORPORATION	2,454,386
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ROGERS, STEVE J.	2,455,500	SATOH, NAOYA	2,454,681	SGRO, GILLES	2,454,092
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SHIONOGI & CO., LTD.	2,453,996	A.S.)	2,455,635	CORPORATION	2,454,383
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THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS	2,455,230	THE SCRIPPS RESEARCH INSTITUTE	2,449,054	TRPKOVSKI, PAUL	2,454,505
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