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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Canadian 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 disponibilité du public
- [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] - Nom(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

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2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site at: www.wipo.int/scit/en/standards/standards.htm.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection 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.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI à : www.wipo.int/scit/fr/standards/standards.htm.

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 expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

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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.

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 *Canadian 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

2,361,993
2,388,833
2,430,204

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.

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 peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

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

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.

2,361,993
2,388,833
2,430,204

9. Applications Open to Public Inspection

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, déposés au Bureau des brevets depuis le 1^{er} 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 à 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 JULY 26, 2004

1. Transmittal Fee (Rule 14)	\$300
2. * International Filing Fee (Rule 15.2(a))	\$1489
Amount for each additional sheet over 30	\$16
3. International Search Fee	\$1600

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

6. Handling Fee (Rule 57.2(a))	\$213
7. Preliminary Examination Fee (Rule 58)	\$800

Beginning July 26, 2004, Canada will become the International Searching Authority and International Preliminary Examining Authority for international applications filed by Canadian applicants.

* International fees will be reduced by **\$106** 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 26 JUILLET 2004

1. Taxe de transmission (Règle 14)	300 \$
2. * Taxe de dépôt internationale (Règle 15.2(a))	1489 \$
Montant pour chaque feuille au delà de 30	16 \$
3. Taxe de recherche internationale	1600 \$

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

6. Taxe de traitement (Règle 57.2(a))	213 \$
7. Taxe d'examen préliminaire (Règle 58)	800 \$

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examen Préliminaire Internationale pour les demandes internationales déposées par les demandeurs canadiens.

* Les frais seront réduits de **106 \$** 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 - World Intellectual Property Organization 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 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 Web site at <http://www.wipo.int>.

13. PRACTICE NOTICE

STATUTORY HOLIDAYS (*DIES NON*)

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered

12. Avis PCT

Exigences des signatures du PCT

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

(Voir le Guide du déposant du PCT, <http://www.wipo.int>)

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle 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 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. ÉNONCÉ DE PRATIQUE

JOURS FÉRIÉS (*DIES NON*)

Nota : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non

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and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other coun-

du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

« Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant où ces deux circonstances n'existent plus. »

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il

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tries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

- 1) **Alberta**: 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia**: 1st Monday in August (British Columbia Day)
- 3) **New Brunswick**: 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia**: 1st Monday in August (Civic Holiday)
- 5) **Ontario**: 1st Monday in August (Civic Holiday)
- 6) **Quebec**: June 24 (St. John the Baptist Day)
- 7) **Saskatchewan**: 1st Monday in August (Saskatchewan Day)
- 8) **Yukon**: 3rd Monday in August (Discovery Day)

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

- 1) All Saturdays and Sundays
- 2) *New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) *St. John the Baptist Day (June 24)
- 7) *Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) *Remembrance Day (November 11)
- 11) *Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

- 1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
- 5) **Ontario** : 1er lundi d'août (congé statutaire)
- 6) **Québec** : 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon** : 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

- 1) Tous les samedi et dimanche
- 2) *Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédant immédiatement le 25 mai
- 6) *Saint-Jean-Baptiste (le 24 juin)
- 7) *Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) *Jour du souvenir (11 novembre)
- 11) *Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

Notices

14. Disclaimer

A disclaimer has been filed and recorded on October 22, 2004 for Canadian Patent No. 1,328,614 granted April 19, 1994 to SYNTEX (U.S.A) LLC with respect to the subject matter of the following claims: 1, 2, 3, 6, 7, 8, 9, 10, 13, 16, 17, 19, 20, 22, 24, 25 and 26.

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of January 4, 2005 contains applications open to public inspection from December 12, 2004 to December 18, 2004

14. Renonciation

Une renonciation a été déposée le 22 octobre 2004 relative au brevet canadien no. 1,328,614 concédé le 19 avril 1994 à SYNTEX (U.S.A.) LLC concernant la matière des revendications suivantes: 1, 2, 3, 6, 7, 8, 9, 10, 13, 16, 17, 19, 20, 22, 24, 25, et 26.

15. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 12 décembre 2004 au 18 décembre 2004

Avis

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[54] **UTILISATION DE DERIVES 1,2,4-OXADIAZOLE SUBSTITUES POUR COMBATTRE DES ENDOPARASITES, NOUVEAUX DERIVES 1,2,4-OXADIAZOLE SUBSTITUES ET METHODES POUR LES PREPARER**
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[51] **Int.Cl. 5C09K 11/06 5G01N 33/52 5G01N 33/533 5C12Q 1/68**
[25] EN
[54] **LIGHT EMITTING METHOD OF ACRIDINIUM DERIVATIVE AND METHOD OF DETECTING SUBSTANCE TO BE EXAMINED, USING SAME**
[54] **METHODE D'EMISSION LUMINEUSE UTILISANT UN DERIVE ACRIDINIUM ET METHODE DE DETECTION DE LA SUBSTANCE A EXAMINER UTILISANT CE DERIVE**
[72] AIZAWA, MASUO, JP
[72] IKARIYAMA, YOSHIHITO, JP
[72] KOBATAKE, EIRY, JP
[72] OGASAWARA, MINORU, JP
[72] TANAKA, MITSUNAO, JP
[73] MITSUBISHI KAGAKU IATRON, INC., JP
[85] 1994-05-02
[86] 1993-09-08 (PCT/JP1993/001270)
[87] (WO1994/005742)
[30] JP (4-266713) 1992-09-09

[11] **2,123,028**
[13] C

[51] **Int.Cl. 5B27G 13/08**
[25] EN
[54] **MULTIPLE SAW BLADE ADJUSTABLE DADO CUTTER ASSEMBLY INCLUDING A CAM ASSEMBLY AND NESTABLE DADO BLADES**
[54] **MACHINE A RAINURER REGLABLE A SCIES MULTIPLES, COMPORTANT UNE CAME ET DES LAMES ESCAMOTABLES**
[72] MCCORD, WILFRED M., JR., US
[72] BRUTSCHER, DAVID T., US
[73] VERMONT AMERICAN CORPORATION, US
[22] 1994-05-06
[30] US (058,624) 1993-05-13

[11] **2,123,133**
[13] C

[51] **Int.Cl. 5C12Q 1/68 5C07H 21/00**
[25] EN
[54] **HYBRIDIZATION OF POLYNUCLEOTIDES CONJUGATED WITH CHROMOPHORES AND FLUOROPHORES TO GENERATE DONOR-TO-DONOR ENERGY TRANSFER SYSTEM**
[54] **HYBRIDATION DE POLYNUCLEOTIDES CONJUGUES A DES CHROMOPHORES ET A DES FLUOROPHORES POUR PRODUIRE UN SYSTEME DE TRANSFERT D'ENERGIE DONNEUR-DONNEUR**
[72] HELLER, MICHAEL J., US
[73] NANOGEN, INC., US
[85] 1994-05-06
[86] 1992-11-06 (PCT/US1992/009827)
[87] (WO1993/009128)
[30] US (07/790,262) 1991-11-07

[11] **2,124,166**
[13] C

[51] **Int.Cl. 5B64D 1/16**
[25] EN
[54] **FIRE FIGHTING BUCKET FOR AIRCRAFT**
[54] **RESERVOIR D'ARROSAGE AERIEN**
[72] NEEDHAM, ROBERT DAVID, CA
[73] ARNEY, DONALD BRIAN, CA
[22] 1994-05-24

[11] **2,124,514**
[13] C

[51] **Int.Cl. 5B01D 11/00 5H05B 6/64 5H05B 6/80**
[25] EN
[54] **EXPLOSION PROOF MICROWAVE HEATED SOLVENT EXTRACTION APPARATUS**
[54] **APPAREIL D'EXTRACTION PAR SOLVANT CHAUFFE PAR MICRO-ONDES, A L'EPREUVE DES EXPLOSIONS**
[72] REVESZ, ROBERT N., US
[73] CEM CORPORATION, US
[22] 1994-05-27
[30] US (08/074,324) 1993-06-09

[11] **2,124,696**
[13] C

[51] **Int.Cl. 5C07D 223/16 5C07D 405/00 5C07D 401/02 5C07D 403/02 5C07D 413/12 5A61K 31/55**
[25] EN
[54] **VASOPRESSIN ANTAGONIST AND OXYTOCIN ANTAGONIST**
[54] **ANTAGONISTE DE LA VASOPRESSINE ET ANTAGONISTE DE L'OXYTOCINE**
[72] OGAWA, HIDENORI, JP
[72] KONDO, KAZUMI, JP
[72] YAMASHITA, HIROSHI, JP
[72] NAKAYA, KENJI, JP
[72] KOMATSU, HAJIME, JP
[72] TANAKA, MICHINORI, JP
[72] KITANO, KAZUYOSHI, JP
[72] TOMINAGA, MICHIAKI, JP
[72] YABUUCHI, YOICHI, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 1994-05-30
[86] 1993-10-15 (PCT/JP1993/001483)
[87] (WO1994/008582)
[30] JP (4-277589) 1992-10-16

[11] **2,124,918**
[13] C

[51] **Int.Cl. 5F16G 3/07**
[25] EN
[54] **FASTENER FOR CONVEYOR BELTS**
[54] **AGRAFE POUR BANDE TRANSPORTEUSE**
[72] HEROLD, WOLFGANG, DE
[73] MATO MASCHINEN- UND METALLWARENFABRIK CURT MATTHAEI GMBH & CO. KG, DE
[22] 1994-06-01
[30] DE (P 43 18 836.2) 1993-06-07

[11] **2,126,414**
[13] C

[51] **Int.Cl. 5B31B 19/00 5A45C 13/10**
[25] EN
[54] **EXTENSION AND POSITION SENSING PROCESS FOR BAG TIE REGISTRATION PROCESS**
[54] **PROCEDE DE REGLAGE ET DISPOSITIF POUR LE POSITIONNEMENT ET LE PLIAGE D'ATTACHES INCORPOREES A DES SACS**
[72] LANDECK, HARRY A., US
[73] FIRST BRANDS CORPORATION, US
[22] 1994-06-21
[30] US (08/081,778) 1993-06-23

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[11] **2,126,713**
[13] C
[51] **Int.Cl. 5A41F 9/02 5A41H 43/00**
[25] EN
[54] **COMPOSITE DRAWCORD/
ELASTIC WAISTBAND**
[54] **CEINTURE MONTEE COMPOSITE**
[72] CRISCO, J. KEITH, US
[73] CRISCO, J. KEITH, US
[22] 1994-06-24
[30] US (087,915) 1993-07-06

[11] **2,127,053**
[13] C
[51] **Int.Cl. 5G06F 15/72**
[25] EN
[54] **METHOD AND APPARATUS FOR
TIME-SHARING CPU SYSTEM BUS IN
IMAGE GENERATION SYSTEM**
[54] **METHODE ET APPAREIL POUR
UN SYSTEME DE BUS UC A TEMPS
PARTAGE DANS UN SYSTEME DE
GENERATION D'IMAGE**
[72] FURUHASHI, MAKOTO, JP
[72] SUZUOKI, MASAKAZU, JP
[72] OHBA, AKIO, JP
[72] TANAKA, MASAYOSHI, JP
[72] OKA, MASAOKI, JP
[72] YUTAKA, TEIJI, JP
[73] SONY COMPUTER
ENTERTAINMENT INC., JP
[22] 1994-06-29
[30] JP (PO5-190764) 1993-07-02
[30] JP (PO5-190765) 1993-07-02
[30] JP (PO6-076526) 1994-03-23

[11] **2,129,333**
[13] C
[51] **Int.Cl. 5C08L 35/08 5C08F 2/14
5C08F 8/14**
[25] EN
[54] **PRODUCTION OF AN ETHANOL
SOLUTION OF ETHYL OR BUTYL
HALF-ESTER OF A COPOLYMER**
[54] **PRODUCTION D'UNE SOLUTION
D'UN DEMI-ESTER ETHYLIQUE OU
BUTYLIQUE D'UN COPOLYMER
DANS L'ETHANOL**
[72] ZAMORA, JOHN N., US
[72] CARLIN, ALAN J., US
[72] TAZI, MOHAMMED, US
[73] ISP INVESTMENTS INC., US
[85] 1994-08-02
[86] 1993-02-18 (PCT/US1993/001399)
[87] (WO1993/019126)
[30] US (852,425) 1992-03-16

[11] **2,130,490**
[13] C
[51] **Int.Cl. 5C09D 9/00**
[25] EN
[54] **SYNERGISTIC PAINT REMOVING
COMPOSITION**
[54] **COMPOSITION DE DECAPANT DE
PEINTURE SYNERGIQUE**
[72] RADU, GEORGES, CA
[72] MARUYAMA, SHIZUO, JP
[73] ASAHIPEN CORPORATION, JP
[73] PRODUITS ENVIRONNEMENTAUX
GREENSOLV INC./GREENSOLV
ENVIRONMENTAL PRODUCT S INC., CA
[22] 1994-08-19

[11] **2,131,102**
[13] C
[51] **Int.Cl. 5B65D 5/06**
[25] EN
[54] **CROSS LOADING APPARATUS
FOR USE WITH CARTONING
SYSTEMS**
[54] **APPAREIL DE REMPLISSAGE
TRANSVERSAL POUR SYSTEME
D'ENCARTONNAGE**
[72] ZIEGLER, KELLY W., US
[72] ALEXSON, CLAYTON, C., US
[72] LOVOLD, CURT W., US
[73] GRAPHIC PACKAGING
INTERNATIONAL, INC., US
[85] 1994-08-29
[86] 1993-03-24 (PCT/US1993/002764)
[87] (WO1993/018968)
[30] US (856,450) 1992-03-24
[30] US (022,661) 1993-03-01

[11] **2,131,808**
[13] C
[51] **Int.Cl. 5B67B 7/18 5B67B 7/20**
[25] EN
[54] **TOOL FOR BREAKING A
VACUUM IN A PRESERVING JAR
CLOSED WITH A SCREW CAP**
[54] **OUTIL POUR BRISER LE VIDE
D'UN BOCAL A CONSERVES AYANT
UN COUVERCLE VISSE**
[72] BRIX-HANSEN, HELGE, DK
[73] BRIX-HANSEN, HELGE, DK
[85] 1994-09-09
[86] 1993-03-10 (PCT/DK1993/000089)
[87] (WO1993/017953)
[30] DK (0108/92) 1992-03-11

[11] **2,132,721**
[13] C
[51] **Int.Cl. 5C08G 81/02 5C08L 1/00
5C08L 3/00 5C08L 89/00**
[25] EN
[54] **BIODEGRADABLE
COMPOSITIONS PRODUCED BY
REACTIVE BLENDING OF
SYNTHETIC AND NATURALLY
OCCURRING POLYMERS**
[54] **COMPOSITIONS
BIODEGRADABLES OBTENUES PAR
MELANGE REACTIF DE POLYMERES
SYNTHETIQUES ET NATURELS**
[72] VAIDYA, UTPAL R., US
[72] BHATTACHARYA, MRINAL, US
[73] THE REGENTS OF THE
UNIVERSITY OF MINNESOTA, US
[85] 1994-09-22
[86] 1993-03-23 (PCT/US1993/002626)
[87] (WO1993/023456)
[30] US (881,983) 1992-05-12

[11] **2,132,970**
[13] C
[51] **Int.Cl. 5D04H 1/45 5B32B 7/08**
[25] EN
[54] **STITCHBONDED ABSORBENT
ARTICLES**
[54] **ARTICLES ABSORBANTS LIES
PAR PIQURE**
[72] TOCHACEK, MIROSLAV, US
[72] COURTEAU, DONALD M., US
[73] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[85] 1994-09-26
[86] 1993-04-14 (PCT/US1993/003550)
[87] (WO1993/022485)
[30] US (07/879876) 1992-05-07

[11] **2,133,091**
[13] C
[51] **Int.Cl. 5C07D 207/14 5C07D 203/24**
[25] EN
[54] **PROCESS FOR THE
MANUFACTURE OF (S)-3-AMINO-1-
SUBSTITUTED-PYRROLIDINES**
[54] **PROCEDE POUR LA
FABRICATION DE (S)-3-AMINO-1-
(SUBSTITUANT) PYRROLIDINES**
[72] LE, TUNG V., US
[72] SPENCE, F. GREGORY, US
[72] WEMPLE, JAMES N., US
[73] WARNER-LAMBERT COMPANY, US
[85] 1994-09-27
[86] 1993-04-16 (PCT/US1993/003646)
[87] (WO1993/022283)
[30] US (874,657) 1992-04-27

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[11] **2,135,311**
[13] C

[51] **Int.Cl. 5A23L 1/0522 5A23L 1/187 5A23L 1/39**
[25] EN
[54] **STARCH-THICKENED FOODSTUFF AND PROCESS FOR PREPARING IT**
[54] **PRODUIT ALIMENTAIRE EPAISSI A L'AMIDON ET METHODE DE PREPARATION**
[72] CARTER, JEREMY BRIAN
HORSFALL, GB
[72] BROWN, JOANNE MARY, GB
[72] HODGES, ROSALIND CLARE, GB
[73] UNILEVER PLC, GB
[85] 1994-11-07
[86] 1993-05-06 (PCT/GB1993/000931)
[87] (WO1993/022938)
[30] GB (9209997.7) 1992-05-08

[11] **2,135,497**
[13] C

[51] **Int.Cl. 5C08J 9/12 5C08L 25/02 5C08F 12/06**
[25] EN
[54] **ALKENYL AROMATIC POLYMER FOAMS AND PROCESSES FOR PREPARING SAME**
[54] **MOUSSES DE POLYMERE AROMATIQUE ETHYLENIQUE ET METHODES POUR LES OBTENIR**
[72] PAQUET, ANDREW N., US
[72] SUH, KYUNG W., US
[72] BINDER, TOMAS I., DE
[72] VO, CHAU V., FR
[72] KOCSIS, DEBORAH L., US
[73] DOW GLOBAL TECHNOLOGIES INC., US
[85] 1994-11-09
[86] 1993-06-08 (PCT/US1993/005435)
[87] (WO1993/025608)
[30] US (07/895,953) 1992-06-09
[30] US (07/895,970) 1992-06-09
[30] US (07/896,025) 1992-06-09
[30] US (07/947,855) 1992-09-18
[30] US (08/052,855) 1993-04-26

[11] **2,135,613**
[13] C

[51] **Int.Cl. 5F15B 3/00**
[25] EN
[54] **FLUID PRESSURE-INTENSIFYING APPARATUS**
[54] **MULTIPLICATEUR DE PRESSION**
[72] SAURWEIN, ALBERT C., US
[73] FORGESHARPE LIMITED, GB
[85] 1994-11-10
[86] 1993-03-12 (PCT/US1993/002379)
[87] (WO1994/020754)

[11] **2,137,211**
[13] C

[51] **Int.Cl. 5A61F 9/00 5A61B 17/36**
[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING POSTERIOR CAPSULAR OPACIFICATION**
[54] **APPAREILLAGE ET METHODE DE PREVENTION DE L'OPACIFICATION DE LA PARTIE POSTERIEURE DE LA CAPSULE DU CRISTALLIN**
[72] BRETTON, RANDOLPH H., US
[73] AMERICAN CYANAMID COMPANY, US
[22] 1994-12-02
[30] US (08/162,688) 1993-12-06
[30] US (08/301,465) 1994-09-07

[11] **2,139,409**
[13] C

[51] **Int.Cl. 5C12Q 1/00 5C12M 3/00 5C12M 1/34**
[25] EN
[54] **DEVICES AND METHODS FOR THE MEASUREMENT OF CELLULAR BIOCHEMICAL PROCESSES**
[54] **DISPOSITIFS ET METHODES POUR LA MESURE DE PROCESSUS BIOCHIMIQUES CELLULAIRES**
[72] COOK, NEIL D., GB
[73] AMERSHAM PLC, GB
[85] 1994-12-30
[86] 1994-05-16 (PCT/GB1994/001040)
[87] (WO1994/026413)
[30] EP (93303806.9) 1993-05-17

[11] **2,139,725**
[13] C

[51] **Int.Cl. 6A01N 43/72 6A61K 38/15 6A61K 31/395**
[25] EN
[54] **ENDOPARASITICIDAL COMPOSITIONS**
[54] **COMPOSITIONS ENDOPARASITICIDES**
[72] MENCKE, NORBERT, DE
[72] HARDER, ACHIM, DE
[72] JESCHKE, PETER, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1995-01-06
[30] DE (P 4400464.8) 1994-01-11

[11] **2,140,461**
[13] C

[51] **Int.Cl. 6G01B 11/04 6G01B 11/02 6G01B 11/06**
[25] EN
[54] **LIGHT SCANNER WITH INTERLACED CAMERA FIELDS AND PARALLEL LIGHT BEAMS**
[54] **BALAYEUR OPTIQUE A TRAMES DE CAMERA ENTRELACEES ET A FAISCEAUX LUMINEUX PARALLELES**
[72] MCGEE, ARTHUR L., US
[73] COE MANUFACTURING COMPANY (THE), US
[22] 1995-01-18
[30] US (08/189,797) 1994-02-01

[11] **2,140,810**
[13] C

[51] **Int.Cl. 6G10G 5/00 6B62B 3/02 6B62B 3/10**
[25] EN
[54] **PORTABLE MUSICAL INSTRUMENTS CART**
[54] **CHARIOT POUR INSTRUMENTS DE MUSIQUE PORTATIFS**
[72] BENTING, GARY M., US
[72] ABRAHAM, LESLIE R., US
[73] WENGER CORPORATION, US
[22] 1995-01-23
[30] US (08/289,400) 1994-08-12

[11] **2,141,543**
[13] C

[51] **Int.Cl. 6A23G 3/00 6A23P 1/08**
[25] EN
[54] **PROCESS FOR PREPARING SOFT CENTERS IN FOOD PRODUCTS**
[54] **PROCEDE DE PREPARATION DE CENTRES MOUS DANS DES PRODUITS ALIMENTAIRES**
[72] WHEELER, EDWARD L., US
[72] BUSK, G. CURTIS JR., US
[73] NABISCO, INC., US
[85] 1995-01-31
[86] 1993-07-28 (PCT/US1993/007134)
[87] (WO1994/003077)
[30] US (07/924,724) 1992-08-03

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[11] **2,143,212**
[13] C

[51] **Int.Cl. 6A01N 25/00 6C08L 39/06**
[25] EN
[54] **COMPOSITIONS OF INSOLUBLE FILM-FORMING POLYMERS AND USES THEREFOR**
[54] **SUBSTANCES DE POLYMERES DE FORMATION DE FILMS INSOLUBLES ET LEURS USAGES**
[72] NARAYANAN, KOLAZI S., US
[73] ISP INVESTMENTS INC., US
[85] 1995-02-23
[86] 1993-11-11 (PCT/US1993/010881)
[87] (WO1994/010979)
[30] US (975,811) 1992-11-13
[30] US (17,093) 1993-02-12

[11] **2,144,042**
[13] C

[51] **Int.Cl. 6B60L 11/12**
[25] FR
[54] **SYSTEME DE TRACTION POUR VEHICULE ET METHODE DE CONTROLE DU SYSTEME DE TRACTION**
[54] **VEHICLE DRIVE SYSTEM AND METHOD FOR MOUNTING SAME**
[72] COUTURE, PIERRE, CA
[72] FRANCOEUR, BRUNO, CA
[73] HYDRO-QUEBEC, CA
[85] 1995-03-07
[86] 1993-10-27 (PCT/CA1993/000459)
[87] (WO1994/011215)
[30] US (975,331) 1992-11-16

[11] **2,144,165**
[13] C

[51] **Int.Cl. 6B29D 11/00**
[25] EN
[54] **A METHOD OF MANUFACTURING A CONTACT LENS**
[54] **METHODE POUR L'OBTENTION DE LENTILLES CORNEENNES**
[72] THAKRAR, ASHOK R., US
[72] GANDHI, KHUSHROO, US
[73] NOVARTIS AG, CH
[85] 1995-03-08
[86] 1993-09-10 (PCT/US1993/008455)
[87] (WO1994/006621)
[30] US (07/944,891) 1992-09-11

[11] **2,144,331**
[13] C

[51] **Int.Cl. 6C12P 21/04 6C12N 1/20**
[25] EN
[54] **PROCESS FOR THE SELECTIVE INCREASE OF PRODUCTION OF ANTIBIOTIC GE 2270 FACTOR A**
[54] **PROCESSUS D'AUGMENTATION SELECTIVE DE LA PRODUCTION DU FACTEUR A DE L'ANTIBIOTIQUE GE 2270**
[72] RIZZO, ANGELO M., IT
[72] GASTALDO, LUCIANO, IT
[73] VICURON PHARMACEUTICALS INC., US
[85] 1995-03-09
[86] 1993-07-20 (PCT/EP1993/001907)
[87] (WO1994/005798)
[30] EP (92115451.4) 1992-09-10

[11] **2,144,827**
[13] C

[51] **Int.Cl. 6D21C 11/06**
[25] EN
[54] **METHOD FOR ADJUSTING THE S/NA RATIO IN A SULPHATE PULP MILL**
[54] **METHODE POUR AJUSTER LE RAPPORT S/NA DANS UNE USINE DE PATE AU SULFATE**
[72] HYOTY, PAAVO, FI
[72] KUUKKANEN, KARI, FI
[73] KVAERNER POWER OY, FI
[22] 1995-03-16
[30] FI (941236) 1994-03-16

[11] **2,144,950**
[13] C

[51] **Int.Cl. 6A61K 39/00**
[25] EN
[54] **METHOD OF INCREASING EGG PRODUCTION IN AVIAN SPECIES BY ACTIVE IMMUNIZATION AGAINST VASOACTIVE INTESTINAL PEPTIDE**
[54] **METHODE POUR AUGMENTER LA PRODUCTION D'OEUF CHEZ DES ESPECES AVIENNES PAR IMMUNISATION ACTIVE CONTRE LE PEPTIDE INTESTINAL VASOACTIF**
[72] HALAWANI, MOHAMED EL, US
[73] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 1995-03-17
[86] 1993-09-22 (PCT/US1993/009041)
[87] (WO1994/008616)
[30] US (949,797) 1992-09-22

[11] **2,145,420**
[13] C

[51] **Int.Cl. 6C12N 15/57 6C12N 1/21 6C11D 3/386**
[25] EN
[54] **CLEANING COMPOSITIONS CONTAINING NOVEL ALKALINE PROTEASES**
[54] **COMPOSITIONS NETTOYANTES RENFERMANT DE NOUVELLES PROTEASES ALCALINES**
[72] MAINZER, STANLEY E., US
[72] LAD, PUSHKARAJ J., US
[72] SCHMIDT, BRIAN F., US
[73] GENENCOR INTERNATIONAL, INC., US
[85] 1995-03-23
[86] 1993-09-16 (PCT/US1993/008777)
[87] (WO1994/006915)
[30] US (07/950,856) 1992-09-24

[11] **2,145,582**
[13] C

[51] **Int.Cl. 6H01S 3/00**
[25] EN
[54] **MICROFINE LIGHT SOURCE**
[54] **SOURCE DE LUMIERE MICROFINE**
[72] MISAWA, HIROAKI, JP
[73] RESEARCH DEVELOPMENT CORPORATION OF JAPAN, JP
[22] 1995-03-27
[30] JP (79600/1994) 1994-03-26

[11] **2,146,549**
[13] C

[51] **Int.Cl. 6C08B 37/08 6A01N 59/00 6A01N 25/10 6A01N 25/34**
[25] EN
[54] **DURABLE ANTIMICROBIAL AGENTS**
[54] **AGENTS ANTIMICROBIENS DURABLES**
[72] ROENIGK, KARL F., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1995-04-06
[86] 1993-10-28 (PCT/US1993/010316)
[87] (WO1994/012034)
[30] US (07/983685) 1992-12-01

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[11] **2,146,764**
[13] C

[51] **Int.Cl. 6A41B 11/00 6A41H 43/00**
[25] EN
[54] **WATERPROOF, BREATHABLE ARTICLES OF APPAREL**
[54] **BAS EN MATERIEL PERMEABLE A L'AIR MAIS IMPERMEABLE A L'EAU**
[72] WILLIAMS, COLE, US
[73] WILLIAMS, COLE, US
[85] 1995-04-10
[86] 1993-10-08 (PCT/US1993/009653)
[87] (WO1994/008477)
[30] US (07/959,115) 1992-10-09

[11] **2,147,155**
[13] C

[51] **Int.Cl. 6C07D 403/06 6C07D 401/14 6C07D 403/14 6C07D 405/14 6C07D 409/14 6C07D 295/182 6C07D 211/22**
[25] EN
[54] **AMIDE DERIVATIVES**
[54] **DERIVES D'AMIDES**
[72] ASHWELL, MARK ANTONY, GB
[73] JOHN WYETH & BROTHER LIMITED, GB
[85] 1995-04-13
[86] 1993-10-08 (PCT/GB1993/002090)
[87] (WO1994/008983)
[30] GB (9221931.0) 1992-10-17

[11] **2,147,454**
[13] C

[51] **Int.Cl. 6H01R 13/44 6H01R 13/502 6H01R 13/52**
[25] EN
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[72] NORRIS, JANICE, US
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[72] RASTRUP ANDERSEN, NIELS SMIDT, DK
[72] RINGBORG, LENE HOFFMEYER, DK
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[72] COVEY, PERRY, US
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[54] PROCEDE POUR LA
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[72] LEGRAS, PAUL GEORGE, GB
[73] SYNGENTA LIMITED, GB
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[54] **METHODE POUR LA PREPARATION D'UN CATALYSEUR DE TYPE ZEOLITE LIEE A L'ALUMINE**
[72] KEVILLE, KATHLEEN MARIE, US
[72] TIMKEN, HYE KYUNG CHO, US
[72] WARE, ROBERT ADAM, US
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[72] FLAM, ERIC, US
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[13] C

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[72] ECCLESTON, LARRY, US
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[72] DAMICO, JOYCE ANN, US
[72] GROSS, JACQUELINE ANN, US
[72] LINGNOWSKI, VERONICA MARIA, US
[72] MITCHLER, PATRICIA ANN, US
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[13] C

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[72] NACE, DONALD MILLER, US
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[72] HAUBERT, THOMAS D., US
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[13] C

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[72] ITO, YOSHIHIRO, JP
[72] OHBA, NOBUYUKI, JP
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[72] ABE, KOICHI, JP
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[30] JP (8-064345) 1996-03-21
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[13] C

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[73] HOLLAND SWEETENER COMPANY V.O.F., NL
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[13] C

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[54] **SYSTEME DE SUSPENSION A RESSORTS HYDRAULIQUES POUR VEHICULES, ET DISPOSITIF DE COMMANDE ASSOCIE**
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[73] LIQUIDSPRING TECHNOLOGIES, INC., US
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[73] WEYERHAEUSER COMPANY, US
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[13] C

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[72] KUSMER, DANIEL P., US
[72] FRENZEL, ROBERT A., US
[73] TYCO FLOW CONTROL, INC., US
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[13] C

[51] **Int.Cl. 6H03B 5/32**
[25] EN
[54] **QUARTZ OSCILLATOR DEVICE AND ITS ADJUSTING METHOD**
[54] **DISPOSITIF OSCILLATEUR A QUARTZ ET SA METHODE DE REGLAGE**
[72] MUTO, MASAKI, JP
[72] MOCHIDA, YOSHIHISA, JP
[72] MIZUKOSHI, RYUJI, JP
[72] MAEDA, CHIKAO, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 1996-12-13
[86] 1995-06-28 (PCT/JP1995/001285)
[87] (WO1996/032775)
[30] JP (7-89331) 1995-04-14

[11] **2,194,477**
[13] C

[51] **Int.Cl. 6F16K 17/12**
[25] EN
[54] **PRESSURE RELIEF VALVE FOR PRESSURE EQUALIZATION BETWEEN A CLOSED SPACE AND THE SURROUNDING ATMOSPHERE**
[54] **SOUPAPE DE SURPRESSION POUR EGALISER LA PRESSION ENTRE UN ESPACE FERME ET L'ATMOSPHERE ENVIRONNANTE**
[72] PEDERSEN, HANS-HENRIK RAAGAARD, DK
[72] PETERSEN, ANDERS IB DAMBORG, DK
[72] SORENSEN, EMIL AARESTRUP, GB
[73] SORENSEN, EMIL AARESTRUP, GB
[85] 1997-01-06
[86] 1995-05-31 (PCT/DK1995/000212)
[87] (WO1996/001962)
[30] DK (817/94) 1994-07-08

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[11] **2,195,032**
[13] C

[51] **Int.Cl. 6H05B 41/30 6H05B 41/24**
[25] EN
[54] **METHODS AND APPARATUS FOR OPERATING A DISCHARGE LAMP**
[54] **METHODES ET DISPOSITIF POUR FAIRE FONCTIONNER UNE LAMPE A DECHARGE**
[72] MOSKOWITZ, WARREN P., US
[72] OLSEN, JOSEPH A., US
[73] OSRAM SYLVANIA INC., US
[22] 1997-01-14
[30] US (08/585,669) 1996-01-16

[11] **2,197,151**
[13] C

[51] **Int.Cl. 6A01G 9/12 6A01G 17/10**
[25] EN
[54] **PLANT HOLDER**
[54] **SUPPORT POUR PLANTE**
[72] BALLARINO, OTTAVIO, CA
[73] BALLARINO, OTTAVIO, CA
[22] 1997-02-10

[11] **2,197,371**
[13] C

[51] **Int.Cl. 6H01R 13/52**
[25] EN
[54] **ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE**
[72] PACINI, LOUIS S., US
[72] SHAH, ARUN J., US
[73] CINCH CONNECTORS, INC., US
[22] 1997-02-12
[30] US (08/606,228) 1996-02-23

[11] **2,197,561**
[13] C

[51] **Int.Cl. 6G01S 5/14**
[25] EN
[54] **FAIL-SAFE/FAIL-OPERATIONAL DIFFERENTIAL GPS GROUND STATION SYSTEM**
[54] **SYSTEME DE STATIONS TERRIENNES DE GPS DIFFERENTIEL INSENSIBLE AUX DEFAILLAILANCES**
[72] STANGELAND, RODNEY L., US
[73] HONEYWELL INC., US
[85] 1997-02-13
[86] 1995-08-22 (PCT/US1995/010645)
[87] (WO1996/006365)
[30] US (08/294,283) 1994-08-23

[11] **2,198,753**
[13] C

[51] **Int.Cl. 6G08C 17/04 6H02J 17/00 6B64D 15/12**
[25] EN
[54] **ROTARY APPARATUS**
[54] **APPAREIL ROTATIF**
[72] SMITH, JAMES ANDREW TIMOTHY, GB
[73] ULTRA ELECTRONICS LIMITED, GB
[85] 1997-02-27
[86] 1995-09-04 (PCT/GB1995/002082)
[87] (WO1996/007588)
[30] GB (9417639.3) 1994-09-02

[11] **2,199,497**
[13] C

[51] **Int.Cl. 6C02F 1/42 6B01J 47/10**
[25] EN
[54] **WATER TREATMENT PROCESS**
[54] **PROCEDE DE TRAITEMENT DES EAUX**
[72] BURSILL, DONALD BRUCE, AU
[72] MORRAN, JAMES YOUNG, AU
[72] NGUYEN, HUNG VAN, AU
[72] DRIKAS, MARY, AU
[72] PEARCE, VERONICA LAUREL, AU
[73] SOUTH AUSTRALIAN WATER CORPORATION, AU
[73] ORICA AUSTRALIA PTY. LTD., AU
[85] 1997-03-07
[86] 1995-09-08 (PCT/AU1995/000583)
[87] (WO1996/007615)
[30] AU (PM 8071) 1994-09-09
[30] AU (PM 9599) 1994-11-22

[11] **2,200,240**
[13] C

[51] **Int.Cl. 6A61L 2/18 6E03D 9/02**
[25] EN
[54] **AGENT DISPENSER AND METHOD AND APPARATUS FOR INTRODUCING AN AGENT INTO ALIQUID OR GAS AT A CONTROLLED RATE**
[54] **DISTRIBUTEUR D'AGENT ET METHODE ET APPAREIL POUR INTRODUIRE UN AGENT DANS UN LIQUIDE OU UN GAZ A UN DEBIT CONTROLE**
[72] BUTLER, ERNEST, CA
[73] 731130 ONTARIO INC., CA
[22] 1997-03-18

[11] **2,200,388**
[13] C

[51] **Int.Cl. 6H01H 33/24 6H01H 33/00**
[25] EN
[54] **POWER BREAKER**
[54] **DISJONCTEUR**
[72] BRUHL, BODO, CH
[72] STECHBARTH, JOACHIM, CH
[72] DAHLER, CHRISTIAN, CH
[72] GAVRILITA, ION, CH
[72] ZEHNDER, LUKAS, CH
[72] ANDERES, ROBERT, CH
[72] KALTENEGGER, KURT, CH
[73] ABB SCHWEIZ HOLDING AG, CH
[22] 1997-03-19
[30] DE (196 13 569.9) 1996-04-04

[11] **2,200,563**
[13] C

[51] **Int.Cl. 6C12N 15/57 6C12N 9/52 6C12N 9/54**
[25] EN
[54] **CALCIUM FREE SUBTILISIN MUTANTS**
[54] **MUTANTS DE LA SUBTILISINE SANS CALCIUM**
[72] STRAUSBERG, SUSAN L., US
[72] ALEXANDER, PATRICK A., US
[72] BRYAN, PHILIP N., US
[73] UNIVERSITY OF MARYLAND, US
[85] 1997-03-20
[86] 1995-04-28 (PCT/US1995/005520)
[87] (WO1996/009396)
[30] US (08/309,069) 1994-09-20

[11] **2,201,552**
[13] C

[51] **Int.Cl. 6H04B 15/00 6G08C 19/00 6E21B 47/12**
[25] EN
[54] **NOISE DETECTION AND SUPPRESSION SYSTEM FOR WELLBORE TELEMETRY**
[54] **SYSTEME DE DETECTION ET D'ELIMINATION DES BRUITS POUR LA TELEMETRIE DANS UN TROU DE FORAGE**
[72] JEFFRYES, BENJAMIN PETER, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 1997-04-02
[30] GB (9607297.0) 1996-04-09

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[11] **2,203,683**
[13] C

[51] **Int.Cl. 6A01D 41/12 6A01F 12/46**
[25] EN
[54] **COMBINE RIPPLE PAN**
[54] **TABLE A GRAINS POUR**
MOISSONNEUSE-BATTEUSE
[72] UNDERWOOD, MARK RAY, US
[72] DWYER, SUSHIL V., US
[73] DEERE & COMPANY, US
[22] 1997-04-24
[30] US (08/777,520) 1996-12-30

[11] **2,204,717**
[13] C

[51] **Int.Cl. 6C10M 173/00 6C08L 33/24**
[25] EN
[54] **SULFONATE CONTAINING**
COPOLYMERS AS MIST
SUPPRESSANTS IN SOLUBLE OIL
(WATER BASED) METAL WORKING
FLUIDS
[54] **COPOLYMERES SULFONATES,**
SUPPRESSEURS DE BUEE, DANS DES
FLUIDES LIPOSOLUBLES (A BASE
D'EAU) POUR LE TRAVAIL DES
METAUX
[72] DENIS, RICHARD A., US
[72] MANN, JAMES T., US
[72] KALHAN, SANJAY, US
[73] THE LUBRIZOL CORPORATION, US
[22] 1997-05-07
[30] US (08/644,600) 1996-05-13

[11] **2,204,912**
[13] C

[51] **Int.Cl. 7B81B 7/00 7C07H 21/00**
7C07K 1/00 7F15D 1/02 7H02K 44/02
7F17D 1/14
[25] EN
[54] **LIQUID DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE**
LIQUIDE
[72] LEVINE, AARON W., US
[72] ZANZUCCHI, PETER J., US
[72] MCBRIDE, STERLING E., US
[72] DEMERS, ROBERT R., US
[72] CHERUKURI, SATYAM C., US
[73] ORCHID BIOSCIENCES, INC., US
[85] 1997-05-08
[86] 1995-11-09 (PCT/US1995/014590)
[87] (WO1996/015576)
[30] US (08/338,703) 1994-11-10
[30] US (08/469,238) 1995-06-06
[30] US (08/483,331) 1995-06-07

[11] **2,205,640**
[13] C

[51] **Int.Cl. 6G01J 3/18 6G02B 27/44**
[25] EN
[54] **APPARATUS AND METHOD FOR**
DRIVING DIFFRACTION GRATINGS
[54] **APPAREIL ET METHODE POUR**
L'ENTRAINEMENT DE RESEAUX DE
DIFFRACTION
[72] KATZENBERGER, JOSEPH, US
[72] ZHOU, ANDY, US
[72] SLUTTER, STEVEN, US
[72] BELSKY, JAMES, US
[72] REBELLO, JAGDISH, US
[72] AUBRY, THIERRY, US
[73] JOBIN YVON INC., US
[22] 1997-05-15
[30] US (08/656,077) 1996-05-31

[11] **2,206,351**
[13] C

[51] **Int.Cl. 6E21B 23/00 6E21B 47/10**
[25] EN
[54] **DOWNHOLE LUBRICATOR AND**
METHOD
[54] **LUBRIFICATEUR DE FOND DE**
PUITS ET METHODE CONNEXE
[72] MACLEOD, ALLAN, GB
[72] FALCONER, GRAEME, GB
[72] MCCORRY, MARK, GB
[73] BAKER HUGHES INCORPORATED,
US
[22] 1997-05-28
[30] GB (9611133.1) 1996-05-29

[11] **2,207,194**
[13] C

[51] **Int.Cl. 6H04Q 7/22**
[25] EN
[54] **SYSTEM FOR PROVIDING**
ENHANCED SERVICES IN CELLULAR
RADIO TELECOMMUNICATION
SYSTEMS USING #CCSC TRIGGERS
[54] **SYSTEME UTILISANT DES**
DECLENCHEMENTS CCSC POUR
OFFRIR DES SERVICES EVOLUES
DANS LES SYSTEMES DE
RADIOCOMMUNICATION
CELLULAIRES
[72] CHRISTIANSEN, AXEL M., US
[72] BATNI, RAMACHENDRA P., US
[73] AG COMMUNICATION SYSTEMS
CORPORATION, US
[22] 1997-06-05
[30] US (709,201) 1996-08-27

[11] **2,207,493**
[13] C

[51] **Int.Cl. 6B61C 9/50**
[25] FR
[54] **ESSIEU MOTORISE A ROUES**
INDEPENDANTES EN ROTATION
[54] **MOTORIZED AXLE WITH**
INDEPENDENTLY ROTATING
WHEELS
[72] RODET, ALAIN, FR
[73] GEC ALSTHOM TRANSPORT SA, FR
[22] 1997-05-28
[30] FR (96 06 589) 1996-05-29

[11] **2,209,145**
[13] C

[51] **Int.Cl. 6B07B 7/04 6B01D 45/14**
[25] EN
[54] **SEPARATOR WHEEL FOR AN AIR**
SEPARATOR
[54] **UNE ROUE DE SEPARATION**
POUR SEPARATEUR D'AIR
[72] ROTH, JURGEN, AT
[72] KEUSCHNIGG, JOSEF, AT
[73] PMT-JETMILL GMBH, AT
[22] 1997-06-25
[30] AT (A 1205/96) 1996-07-08

[11] **2,209,402**
[13] C

[51] **Int.Cl. 6B01D 39/16 6D01D 4/00**
6B32B 5/26 6D04H 1/54
[25] EN
[54] **FILTER MEDIA WEB PRODUCT**
[54] **MILIEU FILTRANT TISSE**
[72] CHOI, KYUNG-JU, US
[73] AAF INTERNATIONAL, US
[22] 1997-06-30
[30] US (08/677,631) 1996-07-08

[11] **2,209,988**
[13] C

[51] **Int.Cl. 6G01N 33/53 6H01J 49/26**
[25] EN
[54] **AFFINITY SELECTION OF**
LIGANDS BY MASS SPECTROSCOPY
[54] **SELECTION PAR AFFINITE DE**
LIGANDS S'EFFECTUANT PAR
SPECTROSCOPIE DE MASSE
[72] HUEBNER, VERENA D., US
[72] DOLLINGER, GAVIN D., US
[72] KAUR, SURINDER, US
[73] CHIRON CORPORATION, US
[85] 1997-07-11
[86] 1996-01-16 (PCT/US1996/000575)
[87] (WO1996/022530)
[30] US (08/375,979) 1995-01-19

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[11] **2,212,049**
[13] C

[51] **Int.Cl. 6H04N 7/20 6H04Q 7/22**
[25] EN
[54] **A LOW-POWER, MULTI-FUNCTION CELLULAR TELEVISION SYSTEM**
[54] **SYSTEME DE TELEVISION CELLULAIRE POLYVALENT, DE FAIBLE PUISSANCE**
[72] BOSSARD, BERNARD, NL
[72] TREACY, DAVID R., NL
[73] CELLULAR VISION TECHNOLOGY & TELECOMMUNICATIONS, US
[85] 1997-07-31
[86] 1996-11-29 (PCT/IB1996/001327)
[87] (WO1997/021309)
[30] US (08/566,780) 1995-12-04

[11] **2,212,287**
[13] C

[51] **Int.Cl. 6B29C 57/04 6B65D 43/03**
[25] EN
[54] **A PROCESS AND AN APPARATUS FOR THE PRODUCTION OF PILE-UP LIDS, AND LIDS OBTAINED THEREBY**
[54] **PROCESSUS ET APPAREIL POUR LA PRODUCTION DE COUVERCLES A EMPILER, ET LES COUVERCLES AINSI OBTENUS**
[72] D'AMATO, GIANFRANCO, IT
[73] SEDA S.P.A., IT
[22] 1997-08-05
[30] IT (RM96A000572) 1996-08-09

[11] **2,212,672**
[13] C

[51] **Int.Cl. 6H01B 7/02 6B29C 47/02**
[25] EN
[54] **CO-EXTRUDED ELECTRIC CONDUCTOR CABLE IN THREE INSULATING LAYERS OF LOW HUMIDITY ABSORPTION ELECTRIC METHOD LOW SMOKE AND TOXIC GAS EMISSION FLAME RETARDANT**
[54] **CABLE CONDUCTEUR ELECTRIQUE CO-EXTRUDE A TRIPLE COUCHE ISOLANTE COMPRENANT UNE METHODE ELECTRIQUE ET DEMONTRANT UNE FAIBLE ABSORPTION D'HUMIDITE, UNE FAIBLE EMISSION DE FUMEE ET DE GAZ TOXIQUES AINSI QU'UNE ININFLAMMABILITE.**
[72] PEREZ SANCHEZ, ALFONSO, MX
[72] HJORT DELGADO, ARTURO, MX
[72] PARRA TABLA, OCTAVIO, MX
[72] DE LA HUERTA ZUNIGA, IVAN MARINO, MX
[73] SERVICIOS CONDUMEX S.A. DE C.V., MX
[22] 1997-08-08
[30] MX (963299) 1996-08-09

[11] **2,213,577**
[13] C

[51] **Int.Cl. 6C12N 9/64**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF FACTOR IX FROM BIOLOGICAL SOURCES**
[54] **PROCEDE DE PREPARATION DU FACTEUR IX A PARTIR DE SOURCES BIOLOGIQUES**
[72] HOFFER, LUTZ, DE
[72] MORFELD, FRANK, DE
[72] JOSIC, DJURO, DE
[73] OCTAPHARMA AG, CH
[85] 1997-08-21
[86] 1996-02-14 (PCT/EP1996/000636)
[87] (WO1996/027003)
[30] DE (195 06 633.2) 1995-02-25

[11] **2,213,782**
[13] C

[51] **Int.Cl. 6A23L 1/187 6A23P 1/08 6A23L 1/09 6A23F 5/40**
[25] EN
[54] **READILY-DISPERSIBLE, DRY FOOD MIX AND PROCESS**
[54] **MELANGE ALIMENTAIRE SEC, FACILEMENT DISPERSABLE; PROCEDE**
[72] CONTI, GAIL SPIRO, US
[72] LEUSNER, STEVEN JOSEPH, US
[72] SCINTO, CHRISTOPHER JON, US
[72] CUADRADO, XAVIER ANDRES, US
[73] KRAFT FOODS, INC., US
[22] 1997-08-22
[30] US (708,085) 1996-08-30

[11] **2,214,039**
[13] C

[51] **Int.Cl. 6B65D 6/26 6B65D 6/24**
[25] EN
[54] **ORCHARD BIN CORNERS AND JOINING BRACKETS**
[54] **COINS ET VEROUS D'ACCROCHAGE POUR CAISSES DE PRODUITS DE VERGER**
[72] SCELSEA, JOSEPH, CA
[73] ADVANCE WIRE PRODUCTS LTD., CA
[22] 1997-08-27

[11] **2,214,252**
[13] C

[51] **Int.Cl. 6H01H 9/02 6H01H 9/04**
[25] EN
[54] **SWITCHGEAR AND ENCLOSURE THEREFOR**
[54] **APPAREIL DE COMMUTATION ET BOITIER**
[72] ESTEY, JOHN W., US
[72] FAHEY, PHILLIP J., US
[72] DEVONALD, DAVID H., III, US
[72] DIZON, EDMUND S., US
[73] S & C ELECTRIC COMPANY, US
[22] 1997-08-29
[30] US (08/708,170) 1996-08-29

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[11] **2,214,364**
[13] C

[51] **Int.Cl. 6F41B 11/06 6F41B 11/32**
[25] EN
[54] **PNEUMATICALLY OPERATED PROJECTILE LAUNCHING DEVICE**
[54] **DISPOSITIF DE LANCEMENT DE PROJECTILES A COMMANDE PNEUMATIQUE**
[72] GARDNER, WILLIAM M., JR., US
[72] GASTON, RAYMOND S., US
[72] SMITH, DAVID L., US
[72] GARDNER, ADAM, US
[73] PNEUVENTURES INC., US
[73] SMART PARTS, INC., US
[85] 1997-09-15
[86] 1997-01-15 (PCT/US1997/000360)
[87] (WO1997/026498)
[30] US (08/586,960) 1996-01-16

[11] **2,215,237**
[13] C

[51] **Int.Cl. 6C08L 95/00 6C08K 5/09 6C08K 3/24**
[25] EN
[54] **ACID-REACTED POLYMER-MODIFIED ASPHALT COMPOSITIONS AND PREPARATION THEREOF**
[54] **COMPOSITIONS CONTENANT DE L'ASPHALTE MODIFIEES PAR DES POLYMERES AVEC REACTION PAR UN ACIDE ET LEUR PREPARATION**
[72] REINKE, GERALD H., US
[72] ENGBER, STEVEN L., US
[73] MATHY CONSTRUCTION COMPANY, US
[85] 1997-09-11
[86] 1996-03-12 (PCT/US1996/003326)
[87] (WO1996/028513)
[30] US (402,705) 1995-03-13

[11] **2,215,672**
[13] C

[51] **Int.Cl. 6B01D 71/02**
[25] EN
[54] **COATED MEMBRANES**
[54] **MEMBRANES AVEC REVETEMENT**
[72] CABLE, THOMAS L., US
[72] MAZANEC, TERRY J., US
[73] THE STANDARD OIL COMPANY, US
[22] 1997-09-12

[11] **2,217,322**
[13] C

[51] **Int.Cl. 6A61K 35/56 6A61K 31/715**
[25] EN
[54] **INHIBITION OF COMPLEMENT PATHWAY BY SEA CUCUMBER FRACTIONS**
[54] **INHIBITION DE LA VOIE D'ACTIVATION DU COMPLEMENT AU MOYEN DE FRACTIONS DE HOLOTHURIES**
[72] COLLIN, PETER DONALD, US
[73] COASTSIDE BIO RESOURCES, US
[22] 1997-10-03
[30] US (60/027,588) 1996-10-03

[11] **2,217,681**
[13] C

[51] **Int.Cl. 6D21H 23/56 6B05C 11/06 6B05C 1/08**
[25] EN
[54] **METHOD IN FILM TRANSFER COATING AND EQUIPMENT INTENDED FOR CARRYING OUT THE METHOD**
[54] **PROCEDE DE REVETEMENT PAR TRANSFERT DE FILM ET EQUIPEMENT DESTINE A CET USAGE**
[72] RANTANEN, RAUNO, FI
[73] METSO PAPER, INC., FI
[85] 1997-10-07
[86] 1997-02-06 (PCT/FI1997/000071)
[87] (WO1997/029239)
[30] FI (960560) 1996-02-07

[11] **2,217,890**
[13] C

[51] **Int.Cl. 6A47K 13/12 6E05D 7/12**
[25] EN
[54] **LIFT-OFF TOILET SEAT HINGE**
[54] **CHARNIERE AMOVIBLE POUR SIEGE DE TOILETTE**
[72] HAND, JOSEPH M., US
[72] HULSEBUS, RANDY K., US
[73] BEMIS MANUFACTURING COMPANY, US
[22] 1997-10-08
[30] US (08/832,495) 1997-04-03

[11] **2,218,092**
[13] C

[51] **Int.Cl. 6A61M 1/10 6A61M 25/10 6A61B 17/12**
[25] EN
[54] **SELECTIVE AORTIC PERFUSION SYSTEM**
[54] **SYSTEME DE PERFUSION AORTIQUE SELECTIF**
[72] PARADIS, NORMAN A., US
[73] NEW YORK UNIVERSITY, US
[85] 1997-10-10
[86] 1995-04-11 (PCT/US1995/004531)
[87] (WO1996/032145)

[11] **2,218,134**
[13] C

[51] **Int.Cl. 6C07D 213/79 6C07C 231/06 6C07C 235/06 6C07D 231/14 6C07C 67/22 6C07D 265/30 6C07D 211/60 6C07C 69/675 6C07D 213/81 6C07D 233/90**
[25] EN
[54] **THE PREPARATION OF CARBOXYLIC ACID DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES D'ACIDE CARBOXYLIQUE**
[72] FUCHS, EBERHARD, DE
[73] BASF AKTIENGESSELLSCHAFT, DE
[85] 1997-11-04
[86] 1996-05-07 (PCT/EP1996/001890)
[87] (WO1996/036592)
[30] DE (19518474.2) 1995-05-19

[11] **2,218,800**
[13] C

[51] **Int.Cl. 6B64C 21/04 6B64D 15/00 6B64C 21/08**
[25] EN
[54] **RUDDER ASSEMBLY WITH A CONTROLLED BOUNDARY LAYER CONTROL FOR AN AIRCRAFT**
[54] **GOUVERNE DE DIRECTION POUR UN AVION AVEC UNE COMMANDE CONTROLEE D'ECOULEMENT DE LA COUCHE LIMITE**
[72] PFENNIG, JURGEN, DE
[72] MEISTER, JURGEN, DE
[72] HELD, WERNER, DE
[73] AIRBUS DEUTSCHLAND GMBH, DE
[22] 1997-10-20
[30] DE (196 43 069.0) 1996-10-18

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[11] **2,222,535**
[13] C

[51] **Int.Cl. 6B01D 53/14 6C08J 3/22 6B65D 81/26**
[25] EN
[54] **OXYGEN-SCAVENGING COMPOSITION**
[54] **COMPOSITIONS PIEGEANT L'OXYGENE**
[72] VENKATESHWARAN, LAKSHMI N., US
[72] CHOKSHI, DINESH J., US
[72] CHIANG, WEILONG L., US
[72] TSAI, BOH CHANG, US
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 1997-11-27
[86] 1996-05-10 (PCT/US1996/006721)
[87] (WO1996/040412)
[30] US (08/483,302) 1995-06-07

[11] **2,222,696**
[13] C

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 15/54 6C12N 15/55 6C12N 15/84**
[25] EN
[54] **VIRUS RESISTANT PLANTS EXPRESSING ANIMAL CELL-DERIVED (2'-5') OLIGOADENYLATE SYNTHETASE AND RIBONUCLEASE L AND A METHOD FOR CREATING THE SAME**
[54] **PLANTES RESISTANT AUX VIRUS, EXPRIMANT LA 2',5'-OLIGOADENYLATE SYNTHETASE ET LA RIBONUCLEASE L PROVENANT DE CELLULES ANIMALES; METHODE D'OBTENTION**
[72] YOSHIOKA, MASAHARU, JP
[72] ISHIDA, ISAO, JP
[72] OGAWA, TOSHIYA, JP
[73] KIRIN BEER KABUSHIKI KAISHA, JP
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[86] 1996-05-31 (PCT/JP1996/001485)
[87] (WO1996/038034)
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[30] JP (7/285401) 1995-11-01
[30] JP (8/52010) 1996-03-08

[11] **2,224,595**
[13] C

[51] **Int.Cl. 6B63B 21/04 6B63B 21/54**
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[54] **LOCKING MEMBER DEVICE FOR TOW PINS ON A VESSEL**
[54] **DISPOSITIF A ELEMENTS D'ARRET CONCU POUR LES GOUPILLES DE REMORQUAGE DE BATEAU**
[72] HYSTAD, PER (DECEASED), NO
[73] KARMOY WINCH A/S, NO
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[86] 1996-06-12 (PCT/NO1996/000143)
[87] (WO1997/000195)
[30] NO (952353) 1995-06-14

[11] **2,226,479**
[13] C

[51] **Int.Cl. 6G09G 3/20**
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[54] **SCROLLING DISPLAY METHOD AND APPARATUS**
[54] **TECHNIQUE D'AFFICHAGE A DEFILEMENT ET APPAREIL CORRESPONDANT**
[72] TOKIMOTO, TOYOTARO, JP
[73] AVIX INC., JP
[85] 1998-01-07
[86] 1997-05-16 (PCT/JP1997/001655)
[87] (WO1997/044773)
[30] JP (8-126718) 1996-05-22

[11] **2,226,615**
[13] C

[51] **Int.Cl. 6B61D 3/16 6B61D 47/00 6E01B 29/16**
[25] EN
[54] **A WAGON FOR DRAWING OFF LONG-WELDED RAILS STORED ON TRANSPORT WAGONS**
[54] **WAGON POUR ENLEVER DE LONGS RAILS SOUDES GARDES SUR DES WAGONS DE TRANSPORT**
[72] THEURER, JOSEF, AT
[72] BRUNNINGER, MANFRED, AT
[73] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT
[73] ,
[22] 1998-01-09
[30] AT (A 30/97) 1997-01-10

[11] **2,227,075**
[13] C

[51] **Int.Cl. 6C09D 127/12 6G03G 15/20 6B05D 1/26**
[25] EN
[54] **FLOW COATING SOLUTION AND FUSER MEMBER LAYERS PREPARED THEREWITH**
[54] **SOLUTION APPLICABLE PAR ARROSAGE ET COUCHES DE L'ELEMENT FIXEUR OBTENUES AVEC CELLE-CI**
[72] FINSTERWALDER, ROBERT N., US
[72] MAXFIELD, DAVID E., JR., US
[72] FORMICOLA, ANTHONY J., JR., US
[72] SGABELLONE, FRANK P., US
[72] FRIEL, DAVID M., US
[72] KUNTZ, ALAN R., US
[73] XEROX CORPORATION, US
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[11] **2,228,464**
[13] C

[51] **Int.Cl. 6H02K 15/10**
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[54] **DEVICE AND METHOD FOR MOLDING MOTOR COILS**
[54] **METHODE ET APPAREIL POUR MOULER DES BOBINES DE MOTEUR**
[72] AOKI, SUSUMU, JP
[72] KANAI, YASUHIRO, JP
[73] MITSUBA CORPORATION, JP
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[11] **2,232,940**
[13] C

[51] **Int.Cl. 6E21B 29/00**
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[54] **APPARATUS AND METHOD FOR MILLING A WELL CASING**
[54] **MACHINE ET PROCEDE DE FRAISAGE DE CUVELAGE**
[72] BRUCE, RONALD JAMES, GB
[73] SMITH INTERNATIONAL, INC., US
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[25] EN
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[54] **PROCEDE DE PREPARATION DE CATALYSEURS D'EPOXYDATION**
[72] MATUSZ, MAREK, US
[73] SHELL CANADA LIMITED, CA
[85] 1998-03-24
[86] 1996-10-02 (PCT/EP1996/004298)
[87] (WO1997/013579)
[30] US (08/540,233) 1995-10-06

[11] **2,233,827**
[13] C

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[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] YAMAMOTO, MASAFUMI, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1998-04-29
[30] JP (9-153350) 1997-06-11

[11] **2,234,845**
[13] C

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[54] **SYSTEME DE CABLE DE FREIN ELECTRO-PNEUMATIQUE**
[72] SINN, RICHARD E., US
[72] PIERCE, BRETT A., US
[73] NEW YORK AIR BRAKE CORPORATION, US
[85] 1998-05-05
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[30] US (60/026,039) 1996-09-13

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[25] EN
[54] **PROTECTIVE SUIT WITH GROIN PROTECTOR**
[54] **ENSEMBLE DE PROTECTION AVEC PROTECTEUR D'AINE**
[72] MAKRIS, ARISTIDIS, CA
[72] PURVIS, RON, CA
[72] SHAIK, KALAAM, CA
[72] L'ABBE, RICHARD J., CA
[72] GUNN, DONALD ALEXANDER, CA
[72] CRUPI, VINCE, CA
[73] MED-ENG SYSTEMS INC., CA
[22] 1998-04-30

[11] **2,236,536**
[13] C

[51] **Int.Cl. 6E06B 7/23**
[25] EN
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[54] **PORTE DE SECURITE, NOTAMMENT PORTE STERILE**
[72] LASS, HORST, DE
[72] REKOWSKI, PETER, DE
[72] VARCHMIN, MARTIN, DE
[72] STEPPKE, DIETER, DE
[72] BUROW, KURT, DE
[72] KIRSCHNING, WERNER, DE
[73] SOLVAY PHARMACEUTICALS GMBH., DE
[85] 1998-05-25
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[30] DE (196 28 747.2) 1996-07-17

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[13] C

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[54] **SYNERGISTIC HERBICIDAL MIXTURES**
[54] **MELANGES HERBICIDES SYNERGIQUES**
[72] REES, RICHARD, US
[72] RICHTER, EBERHARD, DE
[72] BOHNER, JURGEN, DE
[73] HOECHST SCHERING AGREVO GMBH, DE
[85] 1998-05-04
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[30] DE (195 44 393.4) 1995-11-15

[11] **2,236,927**
[13] C

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[54] **OVERCURRENT CIRCUIT BREAKER**
[54] **DISJONCTEUR DE SURINTENSITE**
[72] WINKLER, FRANZ, DE
[72] KRASSER, FRITZ, DE
[73] ELLENBERGER & POENSGEN GMBH, DE
[85] 1998-05-06
[86] 1997-09-04 (PCT/EP1997/004809)
[87] (WO1998/010456)
[30] DE (296 15 644.2) 1996-09-07
[30] DE (296 15 761.9) 1996-09-10
[30] DE (196 47 716.6) 1996-11-19

[11] **2,237,762**
[13] C

[51] **Int.Cl. 6F27D 13/00 6F27D 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR PREHEATING PARTICULATE MATERIAL**
[54] **METHODE ET APPAREIL POUR PRE-CHAUFFER DES MATIERES PARTICULAIRES**
[72] GARDNER, KENNETH L., US
[73] SVEDALA INDUSTRIES, INC., US
[22] 1998-05-14

[11] **2,239,181**
[13] C

[51] **Int.Cl. 6F16L 5/10**
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[54] **IMPROVED BULKHEAD FITTING FOR UNDERGROUND SUMP**
[54] **CLOISON PERFECTIONNEE DESTINEE A UN PUISARD SOUTERRAIN**
[72] LAMPING, FRANK G., US
[72] BLASCH, LAWRENCE R., US
[73] DELAWARE CAPITAL FORMATION INC., US
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[54] **DISPOSITIF DE FIXATION ET PROTHESE DOTEE DE CELUI-CI**
[72] ALBREKTSSON, BJORN, SE
[72] WENNBERG, STIG, SE
[72] CARLSSON, LARS, SE
[72] JACOBSSON, MAGNUS, SE
[72] ROSTLUND, TORD, SE
[73] ASTRA AKTIEBOLAG, SE
[85] 1998-07-02
[86] 1997-01-16 (PCT/SE1997/000058)
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[30] SE (9600208-4) 1996-01-19

[11] **2,242,015**
[13] C

[51] **Int.Cl. 6C07D 491/052 6A61K 31/40 6A61K 31/435**
[25] FR
[54] **NOUVEAUX DERIVES CHROMENIQUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW CHROMENE DERIVATIVES, THE PROCEDURE FOR PREPARING THEM AND THE PHARMACEUTICAL COMPOUNDS THAT CONTAIN THEM**
[72] LEJEUNE, FRANCOISE, FR
[72] HAUTEFAYE, PATRICK, FR
[72] DUBUFFET, THIERRY, FR
[72] MILLAN, MARK, FR
[72] LAVIELLE, GILBERT, FR
[73] LES LABORATOIRES SERVIER, FR
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[30] FR (97.07839) 1997-06-24

[11] **2,243,034**
[13] C

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[25] EN
[54] **ROUTE SELECTION FOR PATH BALANCING IN CONNECTION-ORIENTED PACKET SWITCHING NETWORKS**
[54] **SELECTION DE LIAISON AFIN D'EQUILIBRER LES TRAJETS DANS DES RESEAUX A COMMUTATION PAR PAQUETS ORIENTES CONNEXION**
[72] SKALECKI, DAREK ROBERT, CA
[72] FEDYK, DONALD W., CA
[72] MATAS, YAIR, CA
[72] ASHWOOD-SMITH, PETER J., CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1998-07-10
[30] US (08/895,589) 1997-07-16

[11] **2,243,055**
[13] C

[51] **Int.Cl. 6B25B 15/02 6B25G 1/06**
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[54] **HAND TOOL WITH REVERSIBLE SHAFT**
[54] **OUTIL A MAIN AVEC TIGE REVERSIBLE**
[72] SWEENEY, BRIAN A., CA
[73] MAXTECH MANUFACTURING INC., CA
[22] 1998-07-14
[30] US (08/892,235) 1997-07-14

[11] **2,243,499**
[13] C

[51] **Int.Cl. 6C07C 19/08 6C07C 17/383**
[25] EN
[54] **AZEOTROPE COMPRISING PENTAFLUOROPROPANE AND HYDROGEN FLUORIDE AND METHOD FOR SEPARATING AND PURIFYING PENTAFLUOROPROPANE**
[54] **AZEOTROPE CONTENANT DU PENTAFLUOROPROPANE ET DU FLUORURE D'HYDROGENE, ET PROCEDE DE SEPARATION ET DE PURIFICATION DE PENTAFLUOROPROPANE**
[72] SHIBANUMA, TAKASHI, JP
[72] SHIBATA, NORIAKI, JP
[72] NAKADA, TATSUO, JP
[73] DAIKIN INDUSTRIES LTD., JP
[85] 1998-07-17
[86] 1997-01-22 (PCT/JP1997/000134)
[87] (WO1997/027163)
[30] JP (8/9085) 1996-01-23
[30] JP (8/156701) 1996-06-18

[11] **2,243,672**
[13] C

[51] **Int.Cl. 6G21K 1/00 6G01N 23/00 6G21K 1/06**
[25] EN
[54] **SOURCE GUIDE TUBE FOR RADIOGRAPHY SOURCE PROJECTOR SYSTEM, SYSTEM CONTAINING TUBE AND FLEXIBLE RADIATION ATTENUATING SLEEVE FOR A TUBE**
[54] **TUBE GUIDE POUR SOURCE DE SYSTEME PROJECTEUR DE SOURCE RADIOGRAPHIQUE, SYSTEME CONTENANT UN TUBE ET SON MANCHON FLEXIBLE ATTENUATEUR DE RAYONNEMENT**
[72] WEIR, DONALD, GB
[72] HARE, JOHN THOMAS, GB
[73] WEIR, DONALD, GB
[73] HARE, JOHN THOMAS, GB
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[86] 1997-01-24 (PCT/GB1997/000219)
[87] (WO1997/027596)
[30] GB (9601502.9) 1996-01-25

[11] **2,243,909**
[13] C

[51] **Int.Cl. 6B65B 41/12**
[25] EN
[54] **PACKAGING MACHINE AND METHOD**
[54] **MACHINE D'EMBALLAGE ET METHODE CONNEXE**
[72] LERNER, BERNARD, US
[72] HESS, RICHARD W., US
[72] CRONAUER, WILLIAM M., US
[72] KRAMER, JAMES D., US
[72] WEHRMANN, RICK S., US
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[13] C

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[54] **THICK ALZNMGCU ALLOY PRODUCTS HAVING IMPROVED PROPERTIES**
[72] SHAHANI, RAVI, FR
[72] LASSINCE, PHILIPPE, FR
[72] VERDIER, JEAN-FRANCOIS, FR
[72] RAYNAUD, GUY-MICHEL, FR
[72] SAINFORT, PIERRE, FR
[72] SIGLI, CHRISTOPHE, FR
[73] PECHINEY RHENALU, FR
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[86] 1997-01-24 (PCT/FR1997/000144)
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[30] FR (96/01103) 1996-01-25

[11] **2,244,676**
[13] C

[51] **Int.Cl. 6B05D 5/08**
[25] EN
[54] **METHOD OF INCREASING LUBRICITY OF SNOW SKI BASES**
[54] **PROCEDE PERMETTANT D'AMELIORER LA GLISSE DES SEMELLES DE SKIS**
[72] RAMER, PAUL, US
[73] SPECIALTY CONSUMER CHEMICAL COMPANY, INC., US
[85] 1998-07-22
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[87] (WO1997/027004)
[30] US (08/590,385) 1996-01-25

[11] **2,245,521**
[13] C

[51] **Int.Cl. 6C23C 22/34 6C23C 22/80 6C23C 22/83**
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[54] **COMPOSITION AND METHOD FOR TREATMENT OF PHOSPHATED METAL SURFACES**
[54] **COMPOSITION ET PROCEDE DE TRAITEMENT DE SURFACES METALLIQUES PHOSPHATEES**
[72] AFFINITO, JOHN C., US
[73] CHEMETALL PLC, GB
[85] 1998-08-11
[86] 1997-02-21 (PCT/GB1997/000493)
[87] (WO1997/031135)
[30] US (08/605,959) 1996-02-23

[11] **2,245,555**
[13] C

[51] **Int.Cl. 6A61J 17/00 6A61J 7/00**
[25] EN
[54] **COMFORTER FOR DELIVERING MEDICINE**
[54] **DISPOSITIF SERVANT A ADMINISTRER UN MEDICAMENT**
[72] VAN DER MERWE, MARIUS, ZA
[73] BLUE DOT PROPERTIES 557 (PROPRIETARY) LIMITED, ZA
[85] 1998-08-04
[86] 1997-02-07 (PCT/GB1997/000347)
[87] (WO1997/028777)
[30] GB (9602507.7) 1996-02-07

[11] **2,245,787**
[13] C

[51] **Int.Cl. 6F16N 3/12**
[25] EN
[54] **HAND GREASE GUN WITH LEVER-OPERATED PISTON PUMP AND TUBULAR GREASE SUPPLY RESERVOIR**
[54] **PISTOLET GRAISSEUR PORTATIF POURVU D'UNE POMPE A PISTON ACTIONNEE PAR LEVIER ET D'UN RESERVOIR TUBULAIRE**
[54] **D'ALIMENTATION EN GRAISSE**
[72] TOTARO, LUIGI, IT
[73] TOTARO, LUIGI, IT
[85] 1998-08-06
[86] 1997-02-28 (PCT/IT1997/000042)
[87] (WO1997/032156)
[30] IT (RM96A000142) 1996-03-01

[11] **2,245,842**
[13] C

[51] **Int.Cl. 6G02B 26/08**
[25] EN
[54] **A PROGRAMMABLE LIGHT BEAM SHAPE ALTERING DEVICE USING PROGRAMMABLE MICROMIRRORS**
[54] **DISPOSITIF PROGRAMMABLE MODIFIANT LA FORME D'UN FAISCEAU LUMINEUX A L'AIDE DE MICROMIROIRS PROGRAMMABLES**
[72] HEWLETT, WILLIAM, GB
[73] LIGHT & SOUND DESIGN, LTD., GB
[85] 1998-08-07
[86] 1997-02-07 (PCT/US1997/001397)
[87] (WO1997/029396)
[30] US (08/598,077) 1996-02-07

[11] **2,245,861**
[13] C

[51] **Int.Cl. 6B01D 35/06 6B32B 5/06 6B03C 3/28**
[25] EN
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[54] **TISSU FILTRANT ELECTROSTATIQUE EN FIBRES**
[72] HASKETT, THOMAS E., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1998-08-11
[86] 1997-02-04 (PCT/US1997/001628)
[87] (WO1997/030771)
[30] US (08/606810) 1996-02-26

[11] **2,247,191**
[13] C

[51] **Int.Cl. 6A61K 9/14 6A61K 47/38**
[25] EN
[54] **POWDERY COMPOSITION FOR NASAL ADMINISTRATION**
[54] **COMPOSITION PULVERULENTE DESTINEE A UNE ADMINISTRATION NASALE**
[72] NISHIBE, YOSHIHISA, JP
[72] DOHI, MASAHICO, JP
[72] MAKINO, YUJI, JP
[72] FUJII, TAKAO, JP
[73] TEIJIN LIMITED, JP
[85] 1998-08-19
[86] 1997-02-26 (PCT/JP1997/000541)
[87] (WO1997/031626)
[30] JP (8/39553) 1996-02-27
[30] JP (8/41079) 1996-02-28

[11] **2,247,941**
[13] C

[51] **Int.Cl. 6G01J 3/06 6G01N 21/35 6G01J 3/42**
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[72] GLATKOWSKI, PAUL J., US
[72] DRUY, MARK A., US
[72] STEVENSON, WILLIAM A., US
[73] FOSTER-MILLER, INC., US
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[30] US (08/609,648) 1996-03-01

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[13] C

[51] Int.Cl. 6C12Q 1/37
[25] EN
[54] METHOD OF MEASUREMENT OF PROTEASE AND THIN MEMBRANES USED FOR SAID METHOD
[54] PROCEDE D'ANALYSE DE PROTEASES ET MEMBRANE FINE UTILISEE DANS CE PROCEDE
[72] HASEGAWA, KOHJI, JP
[72] NISHIGAKI, JUNJI, JP
[72] TAMURA, YUTAKA, JP
[72] HAMAOKA, TSUTOMU, JP
[72] OGAWA, MASASHI, JP
[72] HASEGAWA, IKUO, JP
[72] YOSHIKI, SHUSAKU, JP
[72] TACHIKAWA, TETSUHIKO, JP
[73] FUJI PHOTO FILM CO., LTD., JP
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[87] (WO1997/032035)
[30] JP (8-042646) 1996-02-29

[11] 2,248,862
[13] C

[51] Int.Cl. 6A61N 5/10 6A61B 6/00
[25] EN
[54] CALCULATION OF RADIATION THERAPY DOSE USING ALL PARTICLE MONTE CARLO TRANSPORT
[54] CALCUL DE DOSIMETRIE EN RADIOTHERAPIE PAR UTILISATION DU TRANSPORT TOUTES PARTICULES SELON LE PROCEDE DE MONTE CARLO
[72] CHANDLER, WILLIAM P., US
[72] RATHKOPF, JAMES A., US
[72] HARTMANN SIANTAR, CHRISTINE L., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 1998-09-01
[86] 1997-02-28 (PCT/US1997/003328)
[87] (WO1997/032630)
[30] US (08/610,917) 1996-03-05

[11] 2,250,929
[13] C

[51] Int.Cl. 6C07D 409/06
[25] EN
[54] 4-(THIEN-2-YL)METHYLIMIDAZOLE DERIVATIVES HAVING ALPHA2-ADRENOCEPTOR AGONISTIC ACTIVITY
[54] DERIVES DU 4-(THIEN-2-YL)METHYL-IMIDAZOLE AYANT UNE ACTIVITE AGONISTE VIS-A-VIS DE L'ADRENORECEPTEUR ALPHA2
[72] BOYD, ROBERT E., US
[72] RASMUSSEN, CHRIS ROYCE, US
[72] PRESS, JEFFREY B., US
[73] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 1998-09-25
[86] 1997-03-26 (PCT/US1997/004768)
[87] (WO1997/035857)
[30] US (08/625,447) 1996-03-28

[11] 2,251,020
[13] C

[51] Int.Cl. 6B22D 11/04
[25] FR
[54] LINGOTIERE DE COULEE CONTINUE EN CHARGE VERTICALE DES METAUX
[54] INGOT MOULD FOR THE CONTINUOUS VERTICAL CASTING OF METALS
[72] JOLIVET, JEAN-MARC, FR
[72] PERRIN, ERIC, FR
[73] SOCIETE ANONYME DES FORGES ET ACIERIES DE DILLING, DE
[73] SOGEPASS, FR
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[30] FR (96/04306) 1996-04-05

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[13] C

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[54] PLATE-FORME DE TRAVAIL AERIENNE AVEC SUPPORT ATTACHABLE AMOVIBLE POUR CENTRALE AUXILIAIRE
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[72] BACKER, ROBERT D., US
[72] HESS, BRIAN S., US
[72] SKIDMORE, DANNY J., US
[73] GROVE U.S. L.L.C., US
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[13] C

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[54] PROCEDE PERMETTANT DE CONSERVER UN NIVEAU EXISTANT DE GRAISSES OU DE POIDS CORPORELS
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[72] PARIZA, MICHAEL W., US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[13] C

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[73] PHOTON DYNAMICS CANADA INC., CA
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[54] **VERSION AND CONFIGURATION MANAGEMENT METHOD AND APPARATUS AND COMPUTER READABLE RECORDING MEDIUM FOR RECORDING THEREIN VERSION AND CONFIGURATION MANAGEMENT PROGRAM**
[54] **METHODE ET APPAREIL DE GESTION DE VERSIONS ET DE CONFIGURATIONS ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR SERVANT A ENREGISTRER UN PROGRAMME DE GESTION DE VERSIONS ET DE CONFIGURATIONS CONNEXE**
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[72] HOSHI, YUKIO, JP
[72] AOYAMA, YUKI, JP
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[13] C

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[25] EN
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[54] **PROCEDE DE SOUDURE DE TUYAUX**
[72] PARKER, WILLIAM D., US
[73] LINCOLN GLOBAL, INC., US
[85] 1998-10-27
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[54] **DISPOSITIF DE COMMANDE DE DEBIT DE GAZ ET METHODE D'ALIMENTATION EN GAZ**
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[72] ZHENG, DAO HONG, GB
[72] IRVEN, JOHN, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[73] HORMEL FOODS CORPORATION, US
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[25] EN
[54] **CONJUGATES OF CIS-DOCOSAHEXAENOIC ACID AND PACLITAXEL**
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[72] BRADLEY, MATTHEWS O., US
[72] SHASHOUA, VICTOR E., US
[72] SWINDELL, CHARLES S., US
[72] WEBB, NIGEL L., US
[73] PROTARGA, INC., US
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[13] C

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[25] EN
[54] **COMMUNICATION DEVICE AND METHOD FOR ELECTRONIC PRICE LABEL SYSTEMS**
[54] **APPAREIL ET METHODE DE COMMUNICATION POUR DES SYSTEMES ELECTRONIQUES D'ETIQUETAGE**
[72] ADAMEC, ANDREW J., US
[73] NCR CORPORATION, US
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[30] US (08/992,667) 1997-12-17

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[13] C

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[54] **MODULE DE FENETRE FIXE ENCAPSULEE POUR VEHICULE A MOTEUR**
[72] KEENEY, JOHN D., US
[72] TODD, DAVID S., US
[73] GENERAL MOTORS CORPORATION, US
[73] HUTCHINSON SEALING SYSTEMS, INC., US
[85] 1998-12-09
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[13] C

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[25] EN
[54] **APPARATUS AND METHOD FOR COPPER EXTRACTION BY IN-SITU ELECTROLYSIS IN HEAP-LEACHING OF ORES**
[54] **APPAREIL ET PROCEDE D'EXTRACTION DE CUIVRE PAR ELECTROLYSE EN SITU LORS DE LA LIXIVIATION EN TAS DE MINERAIS**
[72] SHELPS, GENE SIDNEY, CA
[72] CHESWORTH, WARD, CA
[73] ENPAR TECHNOLOGIES INC., CA
[85] 1998-12-17
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[30] GB (9613094.3) 1996-06-21

[11] **2,258,731**
[13] C

[51] **Int.Cl. 6H01L 21/31 6H01L 23/532**
[25] EN
[54] **INSULATING FILM FOR SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE**
[54] **PELLICULE ISOLANTE POUR DISPOSITIF A SEMICONDUCTEUR ET DISPOSITIF A SEMICONDUCTEUR**
[72] MOCHIZUKI, TSUTOMU, JP
[72] KIMOTO, HISAO, JP
[73] KISHIMOTO SANGYO CO., LTD., JP
[73] DAISANKASEI CO., LTD., JP
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[72] RAYNER, LUZ, US
[72] DINGMAN, STEVEN E., US
[72] MAY, STEPHEN, US
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
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[30] US (60/022,445) 1996-08-06
[30] US (60/036,731) 1997-01-24

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[54] GLISSIERE DE RAIL POUR ACCESSOIRES
[72] DUBE, GILLES, CA
[72] BISSON, SERGE, CA
[72] LACOMBE, MICHEL, CA
[73] ROUSSEAU METAL INC., CA
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[11] 2,259,842
[13] C

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[25] EN
[54] DEVICE FOR WINDING COILS IN AXIAL GROOVES OF ROTATIONALLY SYMMETRICAL BODIES OF ELECTRIC EQUIPMENT
[54] DISPOSITIF POUR LE BOBINAGE DE BOBINES DANS DES RAINURES AXIALES D'ELEMENTS SYMETRIQUES EN ROTATION D'APPAREILS ELECTRIQUES
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[72] RIESER, URS, CH
[73] ATS AUTOMATION TOOLING SYSTEMS INC., CA
[22] 1999-01-21
[30] CH (0129/98) 1998-01-21

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[13] C

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[72] SU, WEI, US
[73] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 1999-01-21
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[30] US (08/820,224) 1997-03-18

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[13] C

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[25] EN
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[54] MACHINE ELECTRIQUE POLYPHASEE A ENROULEMENTS EN NAPPES A ESPACE OPTIMISE
[72] HILL, WOLFGANG, DE
[73] HILL, WOLFGANG, DE
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[11] 2,264,157
[13] C

[51] Int.Cl. 6F01K 23/10
[25] EN
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[54] DISPOSITIF DE REFROIDISSEMENT PAR VAPEUR POUR CHAMBRE DE COMBUSTION DE TURBINE A GAZ
[72] TAKAHAMA, MASAYUKI, JP
[72] TANAKA, TOMOKA, JP
[72] KITA, YOSHINORI, JP
[72] HASHIMOTO, YASUHIRO, JP
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[30] JP (9/167238) 1997-06-24
[30] JP (9/297104) 1997-10-29

[11] 2,265,157
[13] C

[51] Int.Cl. 6G02B 6/26 6G02B 26/02
[25] EN
[54] VARIABLE ATTENUATION TYPE OPTICAL POWER ATTENUATOR WITH LATCHING RATCHET
[54] AFFAIBLISSEUR DE PUISSANCE OPTIQUE REGLABLE A L'AIDE D'UN ROCHET ENCLIQUETABLE
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[73] SEIKOH GIKEN CO., LTD., JP
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[11] 2,265,872
[13] C

[51] Int.Cl. 6D21C 7/06 6D21C 1/02
[25] EN
[54] METHOD AND APPARATUS FOR PULPING WITH CONTROLLED HEATING TO IMPROVE DELIGNIFICATION AND PULP STRENGTH
[54] PROCEDE ET APPAREIL DE LESSIVAGE AVEC CHAUFFE REGULEE POUR AMELIORER LA DELIGNIFICATION ET LA RESISTANCE DE LA PATE
[72] PROUGH, J. ROBERT, US
[73] ANDRITZ INC., US
[85] 1999-03-09
[86] 1997-09-17 (PCT/US1997/016427)
[87] (WO1998/015687)
[30] US (08/729,022) 1996-10-10

[11] 2,267,920
[13] C

[51] Int.Cl. 6E05B 67/00
[25] EN
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[54] SERRURE
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[13] C

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[25] EN
[54] **CONSTRUCTION METHODS FOR PREVENTING LAND EROSION AND IMPROVING STREAMS, OR FOR REVETMENTS, AND CONSTRUCTION METHODS FOR PREVENTING MOUNTAIN LANDSLIDES**
[54] **METHODES DE CONSTRUCTION POUR LA PREVENTION DE L'EROSION DES TERRES ET L'AMELIORATION DES COURS D'EAU, OU POUR REVETEMENTS, ET METHODES DE CONSTRUCTION POUR LA PREVENTION DES GLISSEMENTS DE TERRAINS EN PENTE**
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[87] (WO1998/017869)
[30] JP (8/311146) 1996-10-18

[11] **2,269,209**
[13] C

[51] **Int.Cl. 6A23B 4/02 6A23L 1/318**
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[54] **METHOD OF DRY CURING AND PROCESSING FULLY COOKED BACON DERIVED FROM PORK BELLIES**
[54] **PROCEDE DE SALAGE A SEC ET DE TRAITEMENT D'UN LARD ENTIEREMENT CUIT OBTENU A PARTIR DE FLANCS DE PORC**
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[72] STEVENSON, CRAIG L., US
[73] OSI INDUSTRIES, INC., US
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[30] US (08/734,700) 1996-10-21

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[13] C

[51] **Int.Cl. 6A61B 17/36 6A61F 9/007**
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[54] **EMBOUT POUR PIECE A MAIN DE LIQUEFACTION**
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[72] COHEN, DONALD M., US
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[11] **2,271,305**
[13] C

[51] **Int.Cl. 6A61F 9/007**
[25] EN
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[54] **PIECE A MAIN POUR LIQUEFACTION**
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[72] CAPETAN, THOMAS G., US
[73] ALCON LABORATORIES, INC., US
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[86] 1997-10-29 (PCT/US1997/019904)
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[30] US (08/766,538) 1996-12-11

[11] **2,272,132**
[13] C

[51] **Int.Cl. 6E01C 23/00 6A01B 29/06**
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[54] **DISPOSITIF DE NIVELLEMENT ET DE COMPACTAGE DU SOL**
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[73] ALMER, ALVIN D., US
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[30] US (09/289,086) 1999-04-08

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[13] C

[51] **Int.Cl. 6B65D 5/56 6B65D 5/62**
[25] EN
[54] **PAPERBOARD PACKAGING MATERIAL AND METHOD FOR MANUFACTURING THE SAME**
[54] **MATERIAU D'EMBALLAGE DE CARTON ET PROCEDE DE FABRICATION CONNEXE**
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[73] WESTVACO CORPORATION, US
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[30] US (09/084,987) 1998-05-28

[11] **2,273,767**
[13] C

[51] **Int.Cl. 6E21B 31/107**
[25] EN
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[54] **COULISSE DE FOND POUR UTILISATION DANS DES PUIITS DE PETROLE ET DE GAZ**
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[73] BAKER HUGHES INCORPORATED, US
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[30] US (09/095,389) 1998-06-10

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[13] C

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[25] EN
[54] **NEW ESCHERICHIA COLI HOST/VECTOR SYSTEM BASED ON ANTIBIOTIC-FREE SELECTION BY COMPLEMENTATION OF AN AUXOTROPHY**
[54] **NOUVEAU SYSTEME HOTE-VECTEUR D'ESCHERICHIA COLI FONDE SUR LA SELECTION SANS ANTIBIOTIQUE PAR LA COMPLEMENTATION D'UNE AUXOTROPHIE**
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[73] ROCHE DIAGNOSTICS GMBH, DE
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[30] EP (98119078.8) 1998-10-09

[11] **2,275,991**
[13] C

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[25] EN
[54] **ADHESIVE FOR SECURE TOPICAL ATTACHMENT TO THE SKIN AND COMFORTABLE REMOVAL**
[54] **ADHESIF POUR FIXATION SOLIDE SUR LA PEAU, A RETRAIT AGREABLE**
[72] COLES, PETER, IT
[72] CORZANI, ITALO, IT
[72] CINELLI, FABIO, IT
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-06-23
[86] 1997-12-22 (PCT/US1997/023473)
[87] (WO1998/028020)
[30] EP (96120738.8) 1996-12-23
[30] EP (97110730.5) 1997-07-01
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TOPICAL ATTACHMENT TO THE
SKIN AND COMFORTABLE REMOVAL
[54] ADHESIF POUR FIXATION
SOLIDE SUR LA PEAU, A RETRAIT
AGREABLE
[72] CORZANI, ITALO, IT
[72] CINELLI, FABIO, IT
[72] COLES, PETER, IT
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[30] EP (96120738.8) 1996-12-23
[30] EP (97110730.5) 1997-07-01
[30] EP (97120336.9) 1997-11-20

[11] 2,276,060
[13] C

[51] Int.Cl. 6A61L 15/58 6C09J 153/00
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[25] EN
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TOPICAL ATTACHMENT TO THE
SKIN AND COMFORTABLE REMOVAL
[54] ADHESIF CONCU POUR SE FIXER
LOCALEMENT A LA PEAU DE FACON
SURE ET POUR S'ENLEVER DE
MANIERE PRESQUE INDOLORE
[72] CORZANI, ITALO, IT
[72] CINELLI, FABIO, IT
[72] COLES, PETER, IT
[73] THE PROCTER & GAMBLE
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[11] 2,276,452
[13] C

[51] Int.Cl. 6B23K 11/30 6B23K 35/02
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[25] EN
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ELECTRODE AND PROCESS FOR
MAKING
[54] ELECTRODE POUR SOUDAGE
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[72] NIPPERT, RUSSELL ALAN, US
[73] OUTOKUMPU COPPER NIPPERT,
INC., US
[85] 1999-06-30
[86] 1998-01-27 (PCT/US1998/001338)
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[30] US (08/794,475) 1997-02-04

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[13] C

[51] Int.Cl. 6C08F 10/00 6B01J 31/22
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[25] EN
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THE PRODUCTION OF OLEFIN
POLYMERS
[54] COMPOSITION CATALYSEUR
POUR LA PRODUCTION DE
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[72] YANG, XINMIN, US
[72] REICHLE, WALTER THOMAS, US
[73] UNIVATION TECHNOLOGIES LLC,
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[30] US (08/782,504) 1997-01-10

[11] 2,277,086
[13] C

[51] Int.Cl. 6C10L 5/06
[25] EN
[54] PROCESS FOR MANUFACTURING
A COMPOSITE FIRE LOG AND
PRODUCT RESULTING THEREFROM
[54] PROCEDE DE FABRICATION
D'UNE BUCHE COMBUSTIBLE
COMPOSITE ET PRODUIT
RESULTANT DE CE PROCEDE
[72] BEYER, CURTIS D., US
[73] BEYER, CURTIS D., US
[85] 1999-07-06
[86] 1998-01-14 (PCT/US1998/001028)
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[30] US (08/783,606) 1997-01-14

[11] 2,278,708
[13] C

[51] Int.Cl. 6H02H 3/22 6H02H 9/06
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6H02H 3/26
[25] EN
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SYSTEM
[54] SYSTEME DE DETECTION
D'ARCS ELECTRIQUES
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[72] WONG, KON B., US
[72] BETTIS, CHARLES D., US
[72] DICKENS, JAMES W., US
[72] FLEEGE, DENNIS W., US
[72] ERGER, ROBERT J., US
[72] FIXEMER, JAMES V., US
[72] TURNER, DUANE L., US
[72] WIESE, GREGORY S., US
[72] HAUN, ANDY A., US
[72] LARSON, BRETT E., US
[72] DVORAK, ROBERT F., US
[73] SQUARE D. COMPANY, US
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[87] (WO1998/035237)
[30] US (08/788,969) 1997-01-24
[30] US (08/789,659) 1997-01-27
[30] US (08/794,848) 1997-02-04
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[30] US (08/799,095) 1997-02-11
[30] US (08/804,420) 1997-02-21
[30] US (08/827,031) 1997-03-25
[30] US (08/825,005) 1997-03-26

[11] 2,278,900
[13] C

[51] Int.Cl. 6H04L 7/08
[25] EN
[54] DIGITAL SIGNAL FRAMING
SYSTEMS AND METHODS
[54] SYSTEMES ET METHODES
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NUMERIQUES
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[73] NORTEL NETWORKS LIMITED, CA
[22] 1999-07-27
[30] US (60/097,097) 1998-08-19
[30] US (09/207,250) 1998-12-09

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[11] **2,279,125**
[13] C

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[54] **SEALED METAL CONTAINER**
[54] **CONTENANT ETANCHE EN**
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[72] CECKOWSKI, GLENN S., US
[72] PIETRUCH, WALTER P., US
[73] J.L. CLARK, US
[22] 1999-07-29
[30] US (09/128,232) 1998-08-03

[11] **2,279,158**
[13] C

[51] **Int.Cl. 6B60B 25/04**
[25] EN
[54] **MULTI-PIECE RIM TYPE DISK**
WHEEL AND A METHOD FOR
PRODUCING THE SAME
[54] **ROUE A DISQUE DU GENRE**
AYANT UNE PERIPHERIE A
ELEMENTS MULTIPLES, ET SON
MODE DE FABRICATION
[72] TAKEUCHI, ICHIRO, JP
[72] ITOH, MITSURU, JP
[72] MIYASHITA, SATORU, JP
[73] TOPY KOGYO KABUSHIKI KAISHA,
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[22] 1999-07-30
[30] JP (HEI 10-224781) 1998-08-07
[30] JP (HEI 11-53466) 1999-03-02

[11] **2,279,322**
[13] C

[51] **Int.Cl. 6A61H 23/02**
[25] EN
[54] **A TOTAL BODY RELAXATION**
SYSTEM AND METHOD
[54] **SYSTEME ET METHODE DE**
RELAXATION CORPORELLE TOTALE
[72] ELLIOTT, GREGORY, US
[72] VANG, DAVID, US
[72] RAFFEL, MARK J., US
[72] SEIDL, KENNETH, US
[73] RAFFEL PRODUCT DEVELOPMENT
CO., INC., US
[22] 1999-07-30
[30] US (09/364,927) 1999-07-29

[11] **2,280,566**
[13] C

[51] **Int.Cl. 6B23B 5/14**
[25] EN
[54] **PORTABLE JOURNAL TURNING**
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[54] **TOUR PORTATIF A PALIERS**
LISSES
[72] RICCI, DONATO L., US
[73] RICCI, DONATO L., US
[22] 1999-08-20
[30] US (09/197,759) 1998-11-23

[11] **2,280,838**
[13] C

[51] **Int.Cl. 6H04N 1/32 6H04L 12/54**
[25] EN
[54] **COMMUNICATION APPARATUS**
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[54] **DISPOSITIF ET METHODE DE**
COMMUNICATION
[72] IIDA, JUNICHI, JP
[73] PANASONIC COMMUNICATIONS
CO., LTD., JP
[22] 1999-08-26
[30] JP (10-372959) 1998-12-28

[11] **2,281,232**
[13] C

[51] **Int.Cl. 6A47F 7/03 6B65D 83/00**
6B65D 85/62
[25] EN
[54] **PRE-PACKED PRODUCT**
SHIPMENT AND DISPLAY DEVICE
WITH SPRING-BIASED RESTOCKING
FEED ARRANGEMENT
[54] **DISPOSITIF D'EXPEDITION ET**
D'AFFICHAGE DE PRODUITS PRE-
EMBALLES AVEC DISPOSITIF A
RESSORT DE RECONSTITUTION DU
STOCK
[72] TIEDEMANN, SCOTT, US
[72] FILIPAK, EDMUND C., US
[73] AMERICAN GREETINGS
CORPORATION, US
[22] 1999-08-31
[30] US (09/146,182) 1998-09-03

[11] **2,282,469**
[13] C

[51] **Int.Cl. 6B29C 49/00 6B65D 1/02**
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[25] EN
[54] **ENHANCED SHELF-LIFE**
PRESSURIZED CONTAINER WITH
RIBBED APPEARANCE
[54] **RECIPIENT SOUS PRESSION**
D'ASPECT CANNELE A DUREE DE VIE
AMELIOREE
[72] KRISHNAKUMAR, SUPPAYAN M.,
US
[72] NAHILL, THOMAS E., US
[72] COLLETTE, WAYNE N., US
[73] CONTINENTAL PET
TECHNOLOGIES, INC., US
[85] 1999-08-20
[86] 1998-02-13 (PCT/US1998/002757)
[87] (WO1998/036891)
[30] US (08/803,976) 1997-02-21

[11] **2,283,509**
[13] C

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6C07H 19/16
[25] EN
[54] **NOVEL BICYCLONUCLEOSIDE**
AND OLIGONUCLEOTIDE
ANALOGUE
[54] **NOUVEAUX ANALOGUES DE**
BICYCLONUCLEOSIDE ET
D'OLIGONUCLEOTIDE
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[72] IMANISHI, TAKESHI, JP
[73] IMANISHI, TAKESHI, JP
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[25] EN
[54] HIGH AVIDITY POLYVALENT
AND POLYSPECIFIC REAGENTS
[54] REACTIFS POLYVALENTS
PRESENTANT UNE AVIDITE ELEVEE
ET UNE SPECIFICITE MULTIPLE
[72] IRVING, ROBERT ALEXANDER, AU
[72] ATWELL, JOHN LESLIE, AU
[72] HUDSON, PETER JOHN, AU
[72] KORTT, ALEX ANDREW, AU
[73] COMMONWEALTH SCIENTIFIC
AND INDUSTRIAL RESEARCH
ORGANISATION, AU
[85] 1999-09-27
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[30] AU (PO 5917) 1997-03-27

[11] 2,285,492
[13] C

[51] Int.Cl. 6F24C 15/00 6F24C 7/08
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[25] EN
[54] COOKING APPLIANCE WITH
VENTILATION SYSTEM COMPRISING
COVER
[54] APPAREIL DE CUISSON AVEC UN
SYSTEME DE VENTILATION
COMPRENANT UNE HOUSSE
[72] FUKUDA, TAKASHI, JP
[72] NISHIMURA, MASARU, JP
[72] KUME, KENJI, JP
[72] FUJII, MIHO, JP
[72] MURATA, JUNJI, JP
[72] FUKUDA, YOSHITO, JP
[73] SANYO ELECTRIC CO., LTD., JP
[22] 1999-10-07
[30] JP (10-286608) 1998-10-08
[30] JP (10-295311) 1998-10-16
[30] JP (11-018842) 1999-01-27

[11] 2,285,793
[13] C

[51] Int.Cl. 6H01M 2/40
[25] EN
[54] ELECTROLYTE TANK AND
MANUFACTURING METHOD
THEREOF
[54] RESERVOIR D'ELECTROLYTE ET
METHODE DE FABRICATION
[72] ITOU, TAKEFUMI, JP
[72] TAKIGUCHI, TOSHIHIKO, JP
[72] TOKUDA, NOBUYUKI, JP
[72] ADACHI, TOSHIHISA, JP
[73] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[73] KANSAI ELECTRIC POWER CO.,
INC., JP
[22] 1999-10-13
[30] JP (11-121454) 1999-04-28

[11] 2,286,057
[13] C

[51] Int.Cl. 6C08J 5/02 6A61L 31/00
6C08L 11/00
[25] EN
[54] GLOVES CONSTRUCTED FROM
NEOPRENE COPOLYMERS AND
METHOD OF MAKING SAME
[54] GANTS FABRIQUES A PARTIR DE
COPOLYMERES DE NEOPRENE ET
LEUR PROCEDE DE FABRICATION
[72] YEH, YUN-SIUNG TONY, US
[72] BOURNE, GEORGE, US
[72] MOCERI, THERESA A., US
[73] ALLEGIANCE CORPORATION, US
[85] 1999-10-15
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[87] (WO1999/043739)
[30] US (09/032,632) 1998-02-27

[11] 2,286,268
[13] C

[51] Int.Cl. 6H04R 25/00 6H03G 7/06
[25] EN
[54] METHOD AND APPARATUS FOR
NOISE REDUCTION, PARTICULARLY
IN HEARING AIDS
[54] PROCEDE ET DISPOSITIF
SERVANT A LIMITER LE BRUIT, EN
PARTICULIER, POUR DES
PROTHESES AUDITIVES
[72] BRENNAN, ROBERT, CA
[73] DSPFACTORY LTD., CA
[85] 1999-10-05
[86] 1998-04-16 (PCT/CA1998/000331)
[87] (WO1998/047315)
[30] US (60/041,991) 1997-04-16

[11] 2,286,957
[13] C

[51] Int.Cl. 6E21B 33/129
[25] EN
[54] CAGED SLIP SYSTEM AND
RELEASE METHODS
[54] SYSTEME DE COINS DE RETENUE
ET METHODES DE DEGAGEMENT
[72] DOANE, JAMES C., US
[72] JORDAN, HENRY J., JR., US
[72] MIRELES, HECTOR H., JR., US
[73] BAKER HUGHES INCORPORATED,
US
[22] 1999-10-18
[30] US (60/104,833) 1998-10-19

[11] 2,288,104
[13] C

[51] Int.Cl. 7G06K 9/62 7G06K 19/00
[25] EN
[54] A MULTIPLE CARD DATA
SYSTEM
[54] SYSTEME DE CARTE DE
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[72] SMITH, FRANK E., US
[73] SMITH, FRANK E., US
[85] 1999-10-22
[86] 1998-04-21 (PCT/US1998/007956)
[87] (WO1998/048336)
[30] US (844,808) 1997-04-22

[11] 2,288,112
[13] C

[51] Int.Cl. 6B65H 19/22 6B65H 18/26
[25] EN
[54] A REEL-UP WITH DOUBLE
SECONDARY UNITS
[54] ENROULEUSE DOTE E D'UNITES
SECONDAIRES DOUBLES
[72] KARLSSON, ROLAND, SE
[72] EKSTROM, GORAN, SE
[72] ONNERLOV, LARS-ERIK, SE
[72] KARLSSON, TOMMY, SE
[73] METSO PAPER KARLSTAD
AKTIEBOLAG, SE
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[86] 1998-04-09 (PCT/SE1998/000662)
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[25] EN
[54] **ERYTHROPOIETIN IN THE TREATMENT OF DOMESTIC AND LIVESTOCK ANIMALS FOR ANEMIA**
[54] **ERYTHROPOIETINE DANS LE TRAITEMENT DE L'ANEMIE CHEZ LES ANIMAUX DOMESTIQUES ET LE BETAÏL**
[72] KRISHNAN, BALAKRISHNAN RAJENDRA, US
[72] SHEPPARD, MICHAEL GEORGE, US
[73] PFIZER PRODUCTS INC., US
[22] 1999-11-17
[30] US (60/112,651) 1998-12-17

[11] **2,288,372**
[13] C

[51] **Int.Cl. 7H04B 15/00 7H04L 12/24 7H04L 12/26**
[25] EN
[54] **COMMUNICATION NETWORK DISTURBANCE MANAGEMENT METHOD USING TOP-DOWN METHOD**
[54] **METHODE DESCENDANTE DE GESTION DES PERTURBATIONS DANS UN RESEAU DE TELECOMMUNICATIONS, FONDEE SUR UNE METHODE DESCENDANTE**
[72] JEON, HYO SEOP, KR
[72] KIM, JEONG TAE, KR
[72] PARK, HO SUK, KR
[72] JEON, HONG BEOM, KR
[72] JEONG, SOO KIL, KR
[73] KOREA TELECOM, KR
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[11] **2,289,438**
[13] C

[51] **Int.Cl. 7F16H 45/02 7B60K 17/02 7F16H 41/04 7F16D 33/06**
[25] EN
[54] **TRANSMITTING SYSTEM FOR SMALL-SIZED VEHICLE**
[54] **ENSEMBLE EMETTEUR POUR PETIT VEHICULE**
[72] KIHARA, TERUO, JP
[72] YOSHIMOTO, TOKUJI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[73] YUTAKA GIKEN CO., LTD., JP
[22] 1999-11-12
[30] JP (10-324280) 1998-11-13

[11] **2,290,260**
[13] C

[51] **Int.Cl. 7A47J 31/44 7A47J 31/06**
[25] EN
[54] **BEVERAGE FILTER CARTRIDGE HOLDER**
[54] **SUPPORT DE CARTOUCHE POUR UN FILTRE A BOISSON**
[72] SYLVAN, JOHN E., US
[72] SWEENEY, RICHARD P., US
[72] KWO, JENNIE, US
[72] BEAULIEU, RODERICK H., US
[72] WUERTELE, JAMES W., US
[72] FOCHT, KENNETH A., US
[72] WORAM, MICHAEL G., US
[73] KEURIG, INCORPORATED, US
[22] 1999-11-24
[30] US (09/232,993) 1999-01-19

[11] **2,290,978**
[13] C

[51] **Int.Cl. 7F23C 10/20**
[25] EN
[54] **FLUIDIZED BED REACTOR**
[54] **REACTEUR A LIT FLUIDISE**
[72] RASKIN, NEIL R., US
[72] WIETZKE, DONALD L., US
[72] DARLING, SCOTT, US
[73] FOSTER WHEELER ENERGIA OY, FI
[85] 1999-11-25
[86] 1998-06-26 (PCT/FI1998/000560)
[87] (WO1999/002920)
[30] US (08/888,790) 1997-07-07

[11] **2,291,407**
[13] C

[51] **Int.Cl. 7B65D 39/12**
[25] EN
[54] **A HAND REMOVABLE AND RE-USABLE BOTTLE STOPPER**
[54] **BOUCHON DE BOUTEILLE FACILE A OUVRIR**
[72] TENG, HSI-HSIUNG, XX
[73] TENG, HSI-HSIUNG, CA
[22] 1999-12-01

[11] **2,293,834**
[13] C

[51] **Int.Cl. 7C07D 413/02 7G02B 27/00 7C07D 231/00 7C07D 401/00 7C07D 405/00 7C07D 413/00 7C07D 209/02 7C07D 233/02 7G02B 5/23 7C07D 209/44 7C07D 209/82**
[25] EN
[54] **SUBSTITUTED NAPHTHOPYRANS**
[54] **NAPHTOPYRANS SUBSTITUES**
[72] VAN GEMERT, BARRY, US
[72] KNOWLES, DAVID B., US
[72] KUMAR, ANIL, US
[73] TRANSITIONS OPTICAL, INC., US
[85] 1999-12-03
[86] 1997-06-04 (PCT/US1997/009687)
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[11] **2,294,754**
[13] C

[51] **Int.Cl. 7C08F 4/76 7C08F 4/00 7C08F 10/02 7C08F 110/02 7C08F 2/34 7C08F 4/64**
[25] EN
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[54] **CATALYSEUR DESTINE A LA PRODUCTION DE POLYMERES D'OLEFINE**
[72] MURRAY, REX EUGENE, US
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[85] 1999-12-31
[86] 1998-07-01 (PCT/US1998/013709)
[87] (WO1999/001481)
[30] US (60/051,522) 1997-07-02

[11] **2,297,816**
[13] C

[51] **Int.Cl. 7C07F 17/00 7C08G 59/00 7C08F 4/60 7C08G 59/68**
[25] EN
[54] **NOVEL CRYSTALLINE ION-ASSOCIATION SUBSTANCE, PROCESS FOR PRODUCING THE SAME, AND LATENT PHOTOPOLYMERIZATION INITIATOR**
[54] **NOUVELLE SUBSTANCE CRISTALLINE D'IONS ASSOCIES, SON PROCEDE DE PRODUCTION ET INITIATEUR DE POLYMERISATION LATENTE**
[72] HIWASA, SHIN, JP
[73] AUTEX, INC., JP
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[86] 1998-07-29 (PCT/JP1998/003379)
[87] (WO1999/006419)
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[25] EN
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[54] METHODE DE LAMELLATION DE PANNEAUX EN FIBRES DE BOIS
[72] KON, MASATAKA, JP
[72] KON, MICHIIHIRO, JP
[73] SHINSEIKAN CO., LTD., JP
[22] 2000-02-16
[30] JP (1999-167081) 1999-06-14

[11] 2,299,491
[13] C
[51] Int.Cl. 7B65B 13/22
[25] EN
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[54] OUTIL DE BANDEROLAGE A GUIDE DE RUBAN AMELIORE, ET METHODE CONNEXE
[72] FIGIEL, JANUSZ, US
[72] DRABAREK, PETER, US
[73] ILLINOIS TOOL WORKS INC., US
[22] 2000-02-24
[30] US (09/286,913) 1999-04-06

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[13] C
[51] Int.Cl. 7B62D 1/04 7B29D 31/00
[25] EN
[54] STEERING WHEEL AND METHOD FOR MANUFACTURING SAME
[54] VOLANT ET METHODE DE FABRICATION
[72] SUZUKI, TAKASHI, JP
[72] TANABE, JUN, JP
[73] CUBIC CO., LTD., JP
[73] MISAWA HOMES CO., LTD., JP
[22] 2000-02-25
[30] JP (11-110912) 1999-04-19
[30] JP (11-225315) 1999-08-09

[11] 2,299,648
[13] C
[51] Int.Cl. 7F41B 5/10 7F41B 5/00 7F41B 5/14
[25] EN
[54] ARCHERY BOW HAVING A SIDE MOUNTING SWING ARM CABLE GUARD
[54] ARC COMPRENANT UN PROTEGE-CABLE DE BRAS OSCILLANT MONTE SUR LE COTE
[72] GALLOPS, HENRY M., JR., US
[73] BEAR ARCHERY, INC., US
[22] 2000-02-25
[30] US (09/368,830) 1999-08-05

[11] 2,300,186
[13] C
[51] Int.Cl. 7B25B 13/00
[25] EN
[54] BOX WRENCH HAVING STOPPER PORTIONS FOR PREVENTING SLIPPING ALONG NUT OR A BOLT HEAD
[54] CLE POLYGONALE ET CLE A DOUILLE POSSEDANT DES PARTIES BUTEE SERVANT A EMPECHER LE GLISSEMENT LE LONG DE LA TETE D'UN ECROU OU D'UN BOULON
[72] TANNER, WILLIAM RUSSELL, US
[73] TANNER, WILLIAM RUSSELL, US
[85] 2000-02-10
[86] 1998-08-06 (PCT/US1998/016429)
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[30] US (08/909,624) 1997-08-12

[11] 2,301,503
[13] C
[51] Int.Cl. 7A61K 33/18
[25] EN
[54] PHARMACEUTICAL COMPOSITIONS FOR ORAL ADMINISTRATION OF MOLECULAR IODINE
[54] COMPOSITIONS PHARMACEUTIQUES POUR L'ADMINISTRATION ORALE D'IODE MOLECULAIRE
[72] PANICUCCI, RICK, US
[72] DUAN, YONGJUN, US
[72] HICKEY, JOHN, US
[72] KESSLER, JACK, US
[73] SYMBOLLON CORPORATION, US
[85] 2000-02-23
[86] 1998-10-27 (PCT/US1998/022720)
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[30] US (960,149) 1997-10-29

[11] 2,302,643
[13] C
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[25] EN
[54] RUBBER LAMINATED BEARING-SEAL FOR A SHAFT PENETRATING A PRESSURE VESSEL
[54] GARNITURE DE SOUTIEN EN CAOUTCHOUC LAMINE POUR UN ARBRE PENETRANT DANS UN RECIPIENT DE PRESSION
[72] HINKS, WILLIAM L., US
[73] HINKS, WILLIAM L., US
[22] 2000-03-13
[30] US (60/124,192) 1999-03-15

[11] 2,304,627
[13] C
[51] Int.Cl. 7B27D 1/00 7B27D 3/00 7B27D 1/04
[25] EN
[54] METHOD AND APPARATUS FOR ASSEMBLING AND DELIVERING VENEER PACKET TO LAMINATED VENEER LUMBER PRESS
[54] PROCEDE ET APPAREIL D'ASSEMBLAGE ET DE TRANSPORT DE PAQUETS DE FEUILLES DE PLACAGE JUSQU'A UNE PRESSE A BOIS INDUSTRIEL DE PLACAGE LAMELLE
[72] GIBSON, PETER WILLIAM, CA
[72] HULME, ERIC, CA
[72] MLECZAK, ADAM, CA
[72] CATO, KENNETH R., CA
[72] ROONEY, BRIAN GORDON, CA
[73] RAUTE WOOD LTD., CA
[85] 2000-03-22
[86] 1998-10-26 (PCT/CA1998/001003)
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[25] EN
[54] **TRANSPARENT SUBSTRATE BEARING AN ANTI-STAIN, HYDROPHOBIC COATING, AND PROCESS FOR MAKING IT**
[54] **SUBSTRAT TRANSPARENT PORTANT UNE COUCHE HYDROPHOBE ANTI-TACHE ET SON PROCEDE DE PRODUCTION**
[72] YAN, YONGAN, US
[72] CHEN, DIN-GUO, US
[73] YAZAKI CORPORATION, JP
[85] 2000-04-03
[86] 1998-10-14 (PCT/US1998/021797)
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[30] US (60/063,349) 1997-10-15

[11] **2,306,018**
[13] C

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[25] EN
[54] **SYSTEM AND METHOD FOR PROTECTING A RECEIVER FROM JAMMING INTERFERENCE**
[54] **SYSTEME ET METHODE DE PROTECTION D'UN RECEPTEUR CONTRE LE BROUILLAGE INTENTIONNEL**
[72] KUNG, CHUN CHIEH, US
[72] KRISHNAMURTHY, SREENATH, US
[72] TU, KUN-YII, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2000-04-18
[30] US (09/296,252) 1999-04-22

[11] **2,306,248**
[13] C

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[25] EN
[54] **DUAL ALLOY RAILROAD WHEEL**
[54] **ROUE DE VEHICULE FERROVIERE A DEUX ALLIAGES**
[72] RUNKLE, JOSEPH C., US
[73] ULTRACLAD CORPORATION, US
[85] 2000-04-07
[86] 1998-10-07 (PCT/US1998/021004)
[87] (WO1999/019155)
[30] US (60/061,610) 1997-10-10

[11] **2,306,805**
[13] C

[51] **Int.Cl. 6C21B 13/10**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING METALLIC IRON**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN FER METALLIQUE**
[72] TSUCHIYA, OSAMU, JP
[72] ITO, SHUZO, JP
[72] ITO, EIICHI, JP
[72] TANIGAKI, YASUHIRO, JP
[72] KOBAYASHI, ISAO, JP
[72] KIKUCHI, SHOICHI, JP
[72] URAGAMI, AKIRA, JP
[72] TOKUDA, KOJI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO, JP
[85] 2000-04-20
[86] 1998-10-21 (PCT/JP1998/004785)
[87] (WO1999/020801)
[30] JP (9/291378) 1997-10-23

[11] **2,308,043**
[13] C

[51] **Int.Cl. 7G01R 31/34 7G01R 31/06**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTION, CLASSIFICATION AND REDUCTION OF INTERNAL ELECTRICAL FAULTS IN ALTERNATING CURRENT PROPULSION MACHINERY USING SYNCHRONOUS DETECTION SCHEME**
[54] **METHODE ET APPAREIL POUR LA DETECTION, LA CLASSIFICATION ET LA REDUCTION DES FAILLES ELECTRIQUES INTERNES DANS LES MACHINES A PROPULSION A COURANT ALTERNATIF A L'AIDE D'UN MECANISME DE DETECTION SYNCHRONE**
[72] KUZNETSOV, STEPHEN B., US
[73] POWER SUPERCONDUCTOR APPLICATIONS CORPORATION, US
[22] 2000-05-11

[11] **2,308,060**
[13] C

[51] **Int.Cl. 6B42D 3/00**
[25] EN
[54] **BOOK CONSTRUCTED OF FOAM**
[54] **LIVRE EN MOUSSE**
[72] KAUFMAN, SHARI, US
[73] INNOVATIVE USA, INC., US
[85] 2000-04-26
[86] 1999-05-13 (PCT/US1999/010635)
[87] (WO2000/013912)
[30] US (09/149,781) 1998-09-08

[11] **2,308,513**
[13] C

[51] **Int.Cl. 7A61K 31/315**
[25] EN
[54] **METHOD AND COMPOSITION FOR DELIVERING ZINC TO THE NASAL MEMBRANE**
[54] **PROCEDE ET COMPOSITION PERMETTANT D'ADMINISTRER DU ZINC IONIQUE A UNE MEMBRANE NASALE**
[72] DAVIDSON, ROBERT STEVEN, US
[72] HENSLEY, CHARLES, US
[72] KEHOE, GARY S., US
[73] ZICAM, LLC, US
[85] 2000-05-01
[86] 1999-09-01 (PCT/US1999/020185)
[87] (WO2000/012081)
[30] US (09/145,042) 1998-09-01

[11] **2,308,541**
[13] C

[51] **Int.Cl. 6G05B 19/418**
[25] EN
[54] **MODEL-FREE ADAPTIVE PROCESS CONTROL**
[54] **COMMANDE DE PROCESSUS ADAPTATIVE SANS MODELE**
[72] CHENG, GEORGE SHU-XING, US
[73] GENERAL CYBERNATION GROUP, INC., US
[85] 2000-04-06
[86] 1998-10-06 (PCT/US1998/020956)
[87] (WO1999/018483)
[30] US (08/944,450) 1997-10-06

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[11] **2,308,647**
[13] C

[51] **Int.Cl. 7H04L 29/02 7H04M 1/253 7H04L 12/56**
[25] EN
[54] **METHOD TO GENERATE TELEPHONE COMFORT NOISE DURING SILENCE IN A PACKETIZED VOICE COMMUNICATION SYSTEM**
[54] **METHODE PERMETTANT DE PRODUIRE UN BRUIT CONFORTABLE AU TELEPHONE DANS UN SYSTEME PAQUETISE DE COMMUNICATION VOCALE**
[72] WOOD, ROBERT GEOFFREY, CA
[72] BEAUCOUP, FRANCK, CA
[73] MITEL NETWORKS CORPORATION, CA
[22] 2000-05-17
[30] GB (9912574.2) 1999-05-28

[11] **2,310,101**
[13] C

[51] **Int.Cl. 6A61F 13/72 6A61F 13/15**
[25] EN
[54] **NON-UNITARY ABSORBENT ARTICLES**
[54] **ARTICLES ABSORBANTS A PLUSIEURS PIECES**
[72] WOSCHNIK, THOMAS, DE
[72] SCHMITT, ACHIM, DE
[72] WILLMS, ERIC JOACHIM, DE
[72] MICCIO, SILVIO, DE
[72] THURNAY, EVA SUSANNE, DE
[72] BLANCO, RAMOS AUGUSTIN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-12
[86] 1997-11-13 (PCT/US1997/020791)
[87] (WO1999/025300)

[11] **2,310,223**
[13] C

[51] **Int.Cl. 6A61F 7/00**
[25] EN
[54] **SELECTIVE ORGAN COOLING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REFROIDISSEMENT D'UN ORGANE CHOISI**
[72] DOBAK, JOHN D., III, US
[72] LASHERAS, JUAN C., US
[73] INNERCOOL THERAPIES, INC., US
[85] 2000-05-16
[86] 1999-03-23 (PCT/US1999/006265)
[87] (WO1999/048449)
[30] US (09/047,012) 1998-03-24
[30] US (09/103,342) 1998-06-23
[30] US (09/211,076) 1998-12-14

[11] **2,310,932**
[13] C

[51] **Int.Cl. 7H01H 85/54 7H02H 3/04 7H01H 85/12 7H01H 85/22**
[25] EN
[54] **A FUSED DISCONNECT DEVICE INCORPORATING A REPLACEABLE PROTECTION FUSE HOLDER**
[54] **DISPOSITIF SECTIONNEUR A FUSIBLES INCORPORANT UN PROTECTEUR PORTE-FUSIBLE AMOVIBLE**
[72] MARACH, DAVID R., US
[72] ALFARO, CONRAD, US
[72] HAPP, LAWRENCE, US
[73] COOPER INDUSTRIES, INC., US
[22] 1992-01-29
[62] 2,060,286
[30] US (07/788,199) 1991-11-05

[11] **2,310,934**
[13] C

[51] **Int.Cl. 7H01H 85/54 7H01H 85/12 7H01H 85/22**
[25] EN
[54] **A REPLACEABLE TELECOMMUNICATION PROTECTION FUSE HOLDER ASSEMBLY**
[54] **SECTIONNEUR DE PROTECTION POUR FUSIBLES REMPLACABLE DANS UN SYSTEME DE TELECOMMUNICATION**
[72] HAPP, LAWRENCE, US
[72] MARACH, DAVID R., US
[72] ALFARO, CONRAD, US
[73] COOPER INDUSTRIES, INC., US
[22] 1992-01-29
[62] 2,060,286
[30] US (07/788,199) 1991-11-05

[11] **2,311,943**
[13] C

[51] **Int.Cl. 6G06F 13/00**
[25] EN
[54] **DIGITAL DEPARTMENT SYSTEM**
[54] **SYSTEME DE COMPTOIR NUMERIQUE**
[72] STERN, MICHAEL R., US
[73] PRN CORPORATION, US
[85] 2000-05-26
[86] 1998-08-07 (PCT/US1998/016476)
[87] (WO1999/008194)
[30] US (60/055,708) 1997-08-08

[11] **2,312,588**
[13] C

[51] **Int.Cl. 7B23Q 11/02**
[25] EN
[54] **MACHINE TOOL FOR SUCKING CHIPS**
[54] **MACHINE-OUTIL A ASPIRATION DE COPEAUX**
[72] SEO, YOSHINORI, JP
[72] SUGATA, SHINSUKE, JP
[73] HORKOS CORP., JP
[22] 2000-06-27

[11] **2,312,748**
[13] C

[51] **Int.Cl. 6G01L 9/00**
[25] EN
[54] **NON-CONTAMINATING PRESSURE TRANSDUCER MODULE**
[54] **MODULE TRANSDUCTEUR DE PRESSION NON CONTAMINANT**
[72] CUCCI, GERALD R., US
[72] ENGLUND, DIANE L., US
[73] NT INTERNATIONAL, INC., US
[85] 2000-06-01
[86] 1998-10-14 (PCT/US1998/021616)
[87] (WO1999/028719)
[30] US (08/980,902) 1997-12-01

[11] **2,313,345**
[13] C

[51] **Int.Cl. 7B21B 1/04**
[25] EN
[54] **TENSION CONTROL SYSTEM AND METHOD FOR REDUCING FRONT END AND TAIL END OVERFILL OF A CONTINUOUSLY HOT ROLLED PRODUCT**
[54] **SYSTEME DE REGLAGE DE TENSION ET METHODE DE REDUCTION DU PINCEMENT DE L'EXTREMITE AVANT ET DE L'EXTREMITE ARRIERE D'UN PRODUIT LAMINE A CHAUD EN CONTINU**
[72] SHORE, T. MICHAEL, US
[73] MORGAN CONSTRUCTION COMPANY, US
[22] 2000-07-04
[30] US (09/348,423) 1999-07-07

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[11] **2,313,532**
[13] C

[51] **Int.Cl. 7E01H 5/00**
[25] EN
[54] **A LEVEL REGULATING AND/OR VIBRATION DAMPENING DEVICE FOR A SNOW-REMOVING MACHINE**
[54] **DISPOSITIF D'AJUSTEMENT DU NIVEAU ET/OU D'AMORTISSEUR DE VIBRATIONS POUR UNE MACHINE A DENEIGEMENT**
[72] YAMAMOTO, MASAYUKI, JP
[72] YAMAMOTO, TAKAHIRO, JP
[72] HANAFUSA, JITSUMI, JP
[72] ITO, TOMOKI, JP
[72] SAKAI, SEISHU, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 2000-07-06
[30] JP (11-194401) 1999-07-08
[30] JP (11-195728) 1999-07-09

[11] **2,313,844**
[13] C

[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **VIDEO CONTROLLER**
[54] **CONTROLEUR VIDEO**
[72] BLAHUT, DONALD EDGAR, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2000-07-11
[30] US (09/356,978) 1999-07-19

[11] **2,314,427**
[13] C

[51] **Int.Cl. 7H04L 9/00 7H04L 12/22**
[25] EN
[54] **INFORMATION DELIVERY IN A MULTI-STREAM DIGITAL BROADCASTING SYSTEM**
[54] **REMISE D'INFORMATIONS DANS UN SYSTEME DE RADIODIFFUSION NUMERIQUE MULTIFLUX**
[72] NORR, WILLIAM M., US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2000-07-25
[30] US (09/364,432) 1999-07-30

[11] **2,315,811**
[13] C

[51] **Int.Cl. 7A63B 41/08**
[25] EN
[54] **GAME BALL WITH IMPROVED MOISTURE RESISTANCE**
[54] **BALLON DE JEU PRESENTANT UNE RESISTANCE ACCRUE A L'HUMIDITE**
[72] FEENEY, BRIAN, US
[72] WALDECK, CHRIS, US
[73] SGG PATENTS LLC, US
[85] 2000-06-21
[86] 1999-10-28 (PCT/US1999/025219)
[87] (WO2000/025869)
[30] US (09/184,369) 1998-11-02
[30] US (09/248,595) 1999-02-11

[11] **2,316,020**
[13] C

[51] **Int.Cl. 7B41F 13/34**
[25] EN
[54] **PRINTING UNIT**
[54] **GROUPE D'IMPRESSION**
[72] DAUER, HORST, DE
[72] DILLING, PEER, DE
[72] PETERSEN, GODBER, DE
[72] GOTTLING, JOSEF, DE
[73] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 2000-08-10
[30] DE (199 37 803.7) 1999-08-10

[11] **2,317,440**
[13] C

[51] **Int.Cl. 6D06F 37/22**
[25] EN
[54] **WASHING MACHINE**
[54] **MACHINE A LAVER**
[72] MYERSCOUGH, MARTIN WILLIAM, GB
[73] MONOTUB INDUSTRIES, PLC, GB
[85] 2000-06-23
[86] 1999-01-06 (PCT/GB1999/000027)
[87] (WO1999/035320)
[30] GB (9800494.8) 1998-01-09

[11] **2,317,832**
[13] C

[51] **Int.Cl. 7A21C 3/02 7A21C 11/10**
[25] EN
[54] **AN APPARATUS FOR SUPPLYING FOOD DOUGH**
[54] **APPAREIL FOURNISSANT DE LA PATE ALIMENTAIRE**
[72] MORIKAWA, MICHIO, JP
[72] TAKAO, KENJI, JP
[73] RHEON AUTOMATIC MACHINERY CO., LTD., JP
[22] 2000-09-07
[30] JP (11-254613) 1999-09-08

[11] **2,318,491**
[13] C

[51] **Int.Cl. 6C11D 17/06 6C11D 3/02 6C11D 3/06 6C11D 3/10 6C11D 3/12 6C11D 1/37 6C11D 1/83**
[25] EN
[54] **GRANULAR COMPOSITIONS HAVING IMPROVED DISSOLUTION**
[54] **COMPOSITIONS GRANULEES PRESENTANT UNE APTITUDE AMELIOREE A LA DISSOLUTION**
[72] MORT, PAUL R., III, US
[72] NORWOOD, KEVIN TODD, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-07-07
[86] 1998-01-13 (PCT/US1998/000567)
[87] (WO1999/036503)

[11] **2,318,754**
[13] C

[51] **Int.Cl. 6B65B 53/02 6B65B 9/02**
[25] EN
[54] **FILM WRAPPING APPARATUS**
[54] **DISPOSITIF D'EMBALLAGE SOUS FILM**
[72] CERF, ALAIN, US
[73] CERF, ALAIN, US
[85] 2000-07-25
[86] 1999-01-26 (PCT/US1999/001671)
[87] (WO1999/037544)
[30] US (09/014,005) 1998-01-27

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[11] **2,319,061**
[13] C

[51] **Int.Cl. 6F41G 3/26**
[25] EN
[54] **METHOD FOR SIMULATING THE DANGER POSED BY HAND GRENADES OR MINES TO PARTICIPANTS IN A MILITARY EXERCISE**
[54] **PROCEDE DE SIMULATION DES DANGERS ENCOURUS PAR DES PARTICIPANTS A UN EXERCICE MILITAIRE EN PRESENCE DE GRENADES A MAIN OU DE MINES**
[72] DEINLEIN, RUDOLF, DE
[73] DORNIER GMBH, DE
[85] 2000-07-26
[86] 1999-01-08 (PCT/DE1999/000022)
[87] (WO1999/039148)
[30] DE (198 03 337.0) 1998-01-29

[11] **2,319,366**
[13] C

[51] **Int.Cl. 6B05B 7/30**
[25] EN
[54] **ASPIRATION-TYPE SPRAYER**
[54] **PULVERISATEUR A ASPIRATION**
[72] KLOET, KENNETH H., US
[72] ENGLHARD, RONALD F., US
[72] LEONARD, STEPHEN B., US
[72] SHANKLIN, DONALD J., US
[73] S. C. JOHNSON & SON, INC., US
[85] 2000-08-04
[86] 1998-02-06 (PCT/US1998/001576)
[87] (WO1999/039835)

[11] **2,319,634**
[13] C

[51] **Int.Cl. 7A63B 59/06**
[25] EN
[54] **BALL BAT**
[54] **BATON A BALLE**
[72] EGGIMAN, MICHAEL D., US
[72] FRITZKE, MARK A., US
[73] WILSON SPORTING GOODS CO., US
[22] 2000-09-14
[30] US (09/396,700) 1999-09-15

[11] **2,320,111**
[13] C

[51] **Int.Cl. 6A23L 2/38 6A23L 1/20**
[25] EN
[54] **PROCESS FOR PRODUCING BEVERAGES FROM NUT BUTTER AND THE PRODUCT THEREFROM**
[54] **PROCEDE DE PRODUCTION DE BOISSONS A PARTIR DE BEURRE DE CACAHUETES ET PRODUIT AINSI PREPARE**
[72] STODDARD, MICHAEL G., US
[73] CALIFORNIA ALMOND GROWERS EXCHANGE, US
[85] 2000-08-08
[86] 1999-02-03 (PCT/US1999/002265)
[87] (WO1999/039591)
[30] US (09/020,824) 1998-02-09

[11] **2,320,591**
[13] C

[51] **Int.Cl. 7F16F 9/02**
[25] EN
[54] **AIR DAMPER WITH ADJUSTABLE AIR FLOW RATE**
[54] **VOLET D'AIR A DEBIT D'AIR REGLABLE**
[72] CHISHOLM, LISA E., US
[72] BIVENS, STEVEN L., US
[72] BELLA, JOSEPH J., US
[72] LITTLE, GARY R., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 2000-09-26
[30] US (09/436,797) 1999-11-08

[11] **2,320,670**
[13] C

[51] **Int.Cl. 7G01V 3/08 7G01V 15/00 7G01V 3/165**
[25] EN
[54] **APPARATUS FOR INTERROGATING MAGNETIC TAGS**
[54] **APPAREIL POUR INTERROGER DES ETIQUETTES MANGNETIQUES**
[72] DAMES, ANDREW NICHOLAS, GB
[73] FLYING NULL LIMITED, GB
[22] 1996-04-03
[62] 2,217,762
[30] GB (9506909.2) 1995-04-04

[11] **2,320,763**
[13] C

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **METHOD OF MAKING A SLITTED OR PARTICULATE ABSORBENT MATERIAL**
[54] **PROCEDE DE FABRICATION DE MATERIAU ABSORBANT FENDU OU PARTICULAIRE**
[72] NOEL, JOHN RICHARD, US
[72] HAMMONS, JOHN LEE, US
[72] KOLLNER, WILFRIED MARIA, US
[72] MCFALL, RONALD RAY, US
[72] LAVON, GARY DEAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-08-21
[86] 1999-02-10 (PCT/IB1999/000226)
[87] (WO1999/042068)
[30] US (09/027,379) 1998-02-20

[11] **2,320,774**
[13] C

[51] **Int.Cl. 6A22C 21/00 6A22C 21/06**
[25] EN
[54] **METHODS AND APPARATUS FOR PERFORMING PROCESSING OPERATIONS ON A SLAUGHTERED ANIMAL OR PART THEREOF**
[54] **PROCEDES ET APPAREILS DESTINES A DES OPERATIONS DE TRAITEMENT SUR DES ANIMAUX ABATTUS OU SUR DES PARTIES DE CES ANIMAUX**
[72] VOLK, MAX, US
[72] STRAWN, RAYMOND, US
[72] GAZAWAY, BRADLEY, US
[72] VAN DEN NIEUWELAAR, ADRIANUS J., NL
[72] PEETERS, HENDRIKUS, NL
[73] STORK GAMCO INCORPORATED, US
[85] 2000-08-18
[86] 1999-02-17 (PCT/US1999/003471)
[87] (WO1999/041990)
[30] US (60/075,372) 1998-02-20
[30] US (09/115,845) 1998-07-15

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[11] **2,321,213**
[13] C

[51] **Int.Cl. 6A61M 29/00 6A61M 31/00 6A61N 5/00**
[25] EN
[54] **IMPROVED IRRADIATION CATHETER AND METHOD OF USE**
[54] **CATHETER D'IRRADIATION AMELIORE ET PROCEDE D'UTILISATION**
[72] TEIRSTEIN, PAUL S., US
[73] TEIRSTEIN, PAUL S., US
[85] 2000-08-18
[86] 1999-02-19 (PCT/US1999/003594)
[87] (WO1999/042162)
[30] US (09/034,138) 1998-02-20

[11] **2,322,228**
[13] C

[51] **Int.Cl. 7B23B 41/16**
[25] EN
[54] **APPARATUS FOR FINISHING INSIDE DIAMETER OF WORK**
[54] **DISPOSITIF D'ALESAGE**
[72] ABE, YUZO, JP
[72] GOTO, KANAME, JP
[72] UENO, TSUGIO, JP
[72] ARAI, KOICHI, JP
[72] KONDO, YASUO, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 2000-10-04
[30] JP (11-284429) 1999-10-05
[30] JP (11-284430) 1999-10-05
[30] JP (11-284431) 1999-10-05
[30] JP (11-284432) 1999-10-05
[30] JP (11-284433) 1999-10-05
[30] JP (11-284502) 1999-10-05
[30] JP (11-284503) 1999-10-05

[11] **2,322,267**
[13] C

[51] **Int.Cl. 7G08C 19/02**
[25] EN
[54] **SIGNAL-IDENTIFYING CIRCUIT ARRANGEMENT**
[54] **MONTAGE D'UN CIRCUIT IDENTIFICATEUR DE SIGNAUX**
[72] SCHMIDT, DIETER, DE
[73] ENDRESS+HAUSER WETZER GMBH+CO. KG, DE
[22] 2000-10-04
[30] DE (199 48 430.9) 1999-10-07

[11] **2,322,455**
[13] C

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLE COMPRISING MICROPOROUS FILM**
[54] **ARTICLE ABSORBANT MUNI D'UN FILM MICROPOREUX**
[72] KISHIDA, KAZUSHIGE, JP
[72] MIURA, TSUNETOSHI, JP
[72] BONELLI, GUIDO, IT
[72] CHANG, CHIUN-HSIEN, US
[72] BURNS, JOHN GLASGOW, JR., JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-09-01
[86] 1998-10-29 (PCT/US1998/023029)
[87] (WO1999/045871)
[30] US (PCT/US98/04673) 1998-03-10
[30] US (PCT/US98/04651) 1998-03-10
[30] US (PCT/US98/04650) 1998-03-10

[11] **2,322,819**
[13] C

[51] **Int.Cl. 6F21M 3/14**
[25] EN
[54] **OMNIDIRECTIONAL LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE OMNIDIRECTIONNEL**
[72] SCIANNA, CARLO, US
[73] SCIANNA, CARLO, US
[85] 2000-09-01
[86] 1999-03-04 (PCT/US1999/004927)
[87] (WO1999/045312)
[30] US (60/076,840) 1998-03-04

[11] **2,323,888**
[13] C

[51] **Int.Cl. 6B29D 30/30 6B60C 5/00 6B29C 35/02 6B29C 73/16**
[25] EN
[54] **METHOD OF MANUFACTURING SEALANT-CONTAINING TIRES, AND SEALANT-CONTAINING TIRE**
[54] **PROCEDE DE FABRICATION DE PNEUS AVEC AGENT D'ETANCHEITE ET PNEUS AVEC AGENT D'ETANCHEITE**
[72] YAMAGIWA, TOSHIO, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[85] 2000-09-12
[86] 1999-02-08 (PCT/JP1999/000528)
[87] (WO1999/047345)
[30] JP (10-65383) 1998-03-16
[30] JP (10-206471) 1998-07-22
[30] JP (10-366252) 1998-12-24

[11] **2,323,914**
[13] C

[51] **Int.Cl. 7G02B 26/00 7B81B 5/00**
[25] EN
[54] **MEMS VARIABLE OPTICAL DELAY LINES**
[54] **LIGNES OPTIQUES A RETARD VARIABLE A SYSTEME MECANIQUE MICROELECTRIQUE**
[72] GILES, RANDY CLINTON, US
[72] BISHOP, DAVID JOHN, US
[73] LUCENT TECHNOLOGIES, INC., US
[73] AGERE SYSTEMS INC., US
[22] 2000-10-19
[30] US (60/164,458) 1999-11-10
[30] US (09/515,999) 2000-02-29

[11] **2,324,254**
[13] C

[51] **Int.Cl. 7A61K 9/16 7A61K 9/22**
[25] EN
[54] **SUSTAINED-RELEASE COMPOSITION INCLUDING AMORPHOUS POLYMER**
[54] **COMPOSITION A LIBERATION PROLONGEE CONTENANT UN POLYMRE AMORPHE**
[72] FALK, RICHARD F., US
[72] RANDOLPH, THEODORE W., US
[72] MANNING, MARK C., US
[73] UNIVERSITY TECHNOLOGY CORPORATION, US
[85] 2000-09-15
[86] 1999-03-18 (PCT/US1999/006198)
[87] (WO1999/047543)
[30] US (60/078,390) 1998-03-18

[11] **2,324,456**
[13] C

[51] **Int.Cl. 6E21B 17/042 6F16L 15/06**
[25] EN
[54] **TWO-STEP, DIFFERENTIAL DIAMETER WEDGE THREADED CONNECTOR**
[54] **RACCORD A FILETAGE CUNEIFORME, BIETAGE, A DIAMETRE DIFFERENTIEL**
[72] ENDERLE, DOUGLAS R., US
[73] HYDRIL COMPANY, US
[85] 2000-09-19
[86] 1999-03-10 (PCT/US1999/005198)
[87] (WO1999/047786)
[30] US (09/044,596) 1998-03-19

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[11] 2,325,432
[13] C

[51] Int.Cl. 6D21D 5/00 6B03D 1/14 6D21B 1/32 6D21F 1/70

[25] EN

[54] METHOD AND DEVICE FOR THE FLOTATION OF POLLUTANTS FROM AN AQUEOUS FIBROUS MATERIAL SUSPENSION

[54] PROCEDE ET DISPOSITIF POUR SEPARER PAR FLOTTATION DES SUBSTANCES POLLUANTES CONTENUES DANS UNE SUSPENSION AQUEUSE DE MATIERES FIBREUSES

[72] KEMPER, MARTIN, DE

[73] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE

[85] 2000-09-22

[86] 1999-05-04 (PCT/EP1999/003008)

[87] (WO1999/061699)

[30] DE (198 23 053.2) 1998-05-22

[11] 2,327,429
[13] C

[51] Int.Cl. 6G09G 3/36 6G09G 3/20 6H04N 5/66

[25] EN

[54] CONVERSION OF A VIDEO SIGNAL FOR DRIVING A LIQUID CRYSTAL DISPLAY

[54] CONVERSION D'UN SIGNAL VIDEO DESTINE A ENTRAINER UN AFFICHAGE A CRISTAUX LIQUIDES

[72] VANDENBERGHE, PATRICK, BE

[72] GADEYNE, KOEN, BE

[73] BARCO N.V., BE

[85] 2000-10-04

[86] 1999-03-25 (PCT/EP1999/002050)

[87] (WO1999/054865)

[30] EP (98870086.0) 1998-04-17

[11] 2,329,400
[13] C

[51] Int.Cl. 6A61B 17/22

[25] EN

[54] MEDICAL RETRIEVAL DEVICE WITH LOOP BASKET

[54] DISPOSITIF D'EXTRACTION MEDICALE COMPORTANT UN PANIER A BOUCLES

[72] LEVEILLEE, RAYMOND J., US

[73] SCIMED LIFE SYSTEMS, INC., US

[85] 2000-10-20

[86] 1999-04-22 (PCT/US1999/008487)

[87] (WO1999/053849)

[30] US (60/082,810) 1998-04-23

[30] US (60/105,448) 1998-10-23

[11] 2,327,021
[13] C

[51] Int.Cl. 7B65B 29/02 7A47J 31/08 7B01D 29/085 7B65D 85/816

[25] EN

[54] METHOD OF FORMING AND INSERTING FILTER ELEMENTS IN CUP-SHAPED CONTAINERS

[54] TECHNIQUE DE FORMATION ET D'INSERTION D'ELEMENTS FILTRANTS DANS DES RECIPIENTS EN FORME D'ENTONNOIR

[72] RAMLER, DAVID, US

[72] SALLUM, HANI, US

[72] GORDON, STEVEN J., US

[72] CHRISTOPHER, ANTHONY J., US

[72] ANDERSON, BRETT, US

[72] BOCCUTI, A. DAVID, US

[72] HELMBRECHT, MIKE, US

[72] WALSH, KEVIN R., US

[72] SWEENEY, RICHARD P., US

[72] WOLF, JAMES L., US

[73] KEURIG, INCORPORATED, US

[22] 2000-11-21

[30] US (09/597,455) 2000-06-20

[11] 2,328,943
[13] C

[51] Int.Cl. 6B64C 1/00 6E05C 3/02 6E05C 3/04 6G05G 1/04 6G05G 5/06 6B64C 1/10 6G05G 1/10 6B64C 1/20

[25] EN

[54] GALLEY RETAINER

[54] DISPOSITIF DE RETENUE POUR OFFICE

[72] SHORT, DALE L., US

[72] CSIK, TERRENCE S., US

[73] SKYLOCK INDUSTRIES, INC., US

[85] 2000-10-16

[86] 1999-04-12 (PCT/US1999/007938)

[87] (WO1999/052769)

[30] US (60/081,749) 1998-04-14

[11] 2,329,741
[13] C

[51] Int.Cl. 6H04N 1/333 6H04N 1/327

[25] EN

[54] METHOD FOR IMPROVING TRANSMISSION BETWEEN TERMINALS IN A

TELECOMMUNICATION SYSTEM

[54] PROCEDE AMELIORANT LA

TRANSMISSION ENTRE DES CONNEXIONS DANS UN SYSTEME DE

TELECOMMUNICATIONS

[72] RODSETH, ELDOR, NO

[72] GUNDERSEN, BENTE BJORNGARD, NO

[72] IVERSEN, FRANK LUND, NO

[72] HAUGEN, OYSTEIN, NO

[73] TELEFONAKTIEBOLAGET LM

ERICSSON, SE

[85] 2000-10-20

[86] 1999-04-09 (PCT/SE1999/000578)

[87] (WO1999/055072)

[30] NO (19981830) 1998-04-23

[11] 2,329,170
[13] C

[51] Int.Cl. 6B43L 7/10

[25] EN

[54] LAYOUT TOOL FOR LAYING OUT PERPENDICULAR LINES

[54] OUTIL DE TRACE SERVANT A TRACER DES LIGNES

PERPENDICULAIRES

[72] BUTWIN, ROBERT S., US

[73] BUTWIN, ROBERT S., US

[85] 2000-10-02

[86] 1998-09-04 (PCT/US1998/018733)

[87] (WO1999/051448)

[30] US (09/055,109) 1998-04-03

[11] 2,330,444
[13] C

[51] Int.Cl. 7H04B 1/04 7H04B 7/26

[25] EN

[54] APPARATUS AND METHOD FOR TRANSMISSION/RECEPTION

[54] DISPOSITIF ET PROCEDE

D'EMISSION/RECEPTION

[72] HAYASHI, MASAKI, JP

[73] MATSUSHITA ELECTRIC

INDUSTRIAL CO., LTD., JP

[85] 2000-10-27

[86] 2000-03-06 (PCT/JP2000/001327)

[87] (WO2000/054417)

[30] JP (11/103044) 1999-03-06

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[11] **2,330,517**
[13] C

[51] **Int.Cl. 7A43D 25/00**
[25] EN
[54] **METHOD OF MAKING A SHOE HAVING A FOAMED INSOLE WITH PERIPHERAL PATTERN**
[54] **METHODE DE FABRICATION DE CHAUSSURES COMPRENANT UNE SEMELLE EN MOUSSE AVEC GABARIT PERIPHERIQUE**
[72] CHI, CHENG-HSIAN, XX
[73] CHI, CHENG-HSIAN, XX
[22] 2001-01-09

[11] **2,331,567**
[13] C

[51] **Int.Cl. 7H01S 5/34**
[25] EN
[54] **LASER-INDUCED BANDGAP SHIFTING FOR PHOTONIC DEVICE INTEGRATION**
[54] **DEPLACEMENT DE LA LARGEUR DE BANDE INTERDITE CREEE PAR LASER POUR L'INTEGRATION D'UN DISPOSITIF PHOTONIQUE**
[72] DUBOWSKI, JAN J., CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2001-01-18
[30] US (09/654,614) 2000-09-01

[11] **2,332,406**
[13] C

[51] **Int.Cl. 7A61K 38/48 7A61P 21/00**
[25] EN
[54] **TREATMENT OF NEUROMUSCULAR DISORDERS AND CONDITIONS WITH DIFFERENT BOTULINUM SEROTYPE**
[54] **TRAITEMENT DE TROUBLES ET DE MALADIES NEUROMUSCULAIRES A L'AIDE DE DIFFERENTS SEROTYPES DE BOTULINUM**
[72] LEON, JUDITH M., US
[72] GRAYSTON, MICHAEL W., US
[72] CARLSON, STEVEN R., US
[72] AOKI, K. ROGER, US
[73] ALLERGAN, INC., US
[22] 1994-06-07
[62] 2,164,866
[30] US (08/075,048) 1993-06-10

[11] **2,333,232**
[13] C

[51] **Int.Cl. 6F16F 1/54**
[25] EN
[54] **ELASTOMERIC MOUNTING ELEMENT**
[54] **ELEMENT DE MONTAGE ELASTOMERE**
[72] CANNON, PETER RICHARD ANDREW, GB
[73] TRELLEBORG AB, SE
[85] 2000-11-10
[86] 1999-05-04 (PCT/GB1999/001370)
[87] (WO1999/058871)
[30] GB (9809996.3) 1998-05-12

[11] **2,333,574**
[13] C

[51] **Int.Cl. 7H04B 7/15 7H01Q 3/26 7H04Q 7/38**
[25] EN
[54] **REPEATER APPARATUS**
[54] **APPAREIL REPETEUR**
[72] UESUGI, MITSURU, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2000-11-28
[86] 2000-03-28 (PCT/JP2000/001908)
[87] (WO2000/060767)
[30] JP (11/94288) 1999-03-31

[11] **2,334,706**
[13] C

[51] **Int.Cl. 6D21F 1/66**
[25] EN
[54] **METHOD FOR REGULATION OF THE SURFACE LEVEL AND THE CONSISTENCY IN A TANK FOR METERING OF A COMPONENT STOCK**
[54] **PROCEDE DE REGULATION DU NIVEAU DE LA SURFACE ET DE LA CONSISTANCE DANS UN RESERVOIR EN VUE DU DOSAGE D'UN CONSTITUANTS DE LA PATE**
[72] HUHTELIN, TAISTO, FI
[73] METSO PAPER, INC., FI
[85] 2000-12-08
[86] 1999-06-04 (PCT/FI1999/000484)
[87] (WO1999/064669)
[30] FI (981328) 1998-06-10

[11] **2,336,371**
[13] C

[51] **Int.Cl. 6F21V 9/14 6G02B 26/00**
[25] EN
[54] **LIGHT-POLARIZING PARTICLES OF IMPROVED PARTICLE SIZE DISTRIBUTION**
[54] **PARTICULES POLARISANT LA LUMIERE, A GRANULOMETRIE AMELIOREE**
[72] SLOVAK, STEVEN M., US
[72] FANNING, BARRY, US
[72] SAXE, ROBERT L., US
[73] RESEARCH FRONTIERS INCORPORATED, US
[85] 2000-12-29
[86] 1999-07-09 (PCT/US1999/015508)
[87] (WO2000/003177)
[30] US (60/092,198) 1998-07-09

[11] **2,336,687**
[13] C

[51] **Int.Cl. 7C22F 1/05 7C22F 1/043 7C22F 1/047**
[25] EN
[54] **PROCESS FOR PRODUCING HEAT-TREATABLE SHEET ARTICLES**
[54] **PROCEDE DE PRODUCTION D'ARTICLES EN TOLE TRAITABLES A CHAUD**
[72] GUPTA, ALOK KUMAR, CA
[72] MAROIS, PIERRE HENRI, CA
[73] ALCAN INTERNATIONAL LIMITED, CA
[85] 2001-01-04
[86] 1999-07-07 (PCT/CA1999/000618)
[87] (WO2000/003052)
[30] US (60/092,051) 1998-07-08

[11] **2,337,030**
[13] C

[51] **Int.Cl. 6E21B 34/00 6E21B 43/00 6E21B 34/06 6E21B 34/08**
[25] EN
[54] **DOWNHOLE MULTIPLEXER AND RELATED METHODS**
[54] **MULTIPLEXEUR DE FOND DE PUIT ET PROCEDE ASSOCIE**
[72] HILL, THOMAS G., JR., US
[72] MORRIS, ARTHUR J., US
[72] LEISMER, DWAYNE D., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2001-01-10
[86] 1999-07-09 (PCT/US1999/015574)
[87] (WO2000/004274)
[30] US (09/115,038) 1998-07-14

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[13] C
[51] Int.Cl. 7H04L 27/34 7H03M 13/29
[25] EN
[54] MULTILEVEL CODING WITH UNEQUAL ERROR PROTECTION AND TIME DIVERSITY FOR BANDWIDTH EFFICIENT TRANSMISSION
[54] CODAGE A PLUSIEURS NIVEAUX AVEC PROTECTION CONTRE L'ERREUR INEGALE ET DIVERSITE DANS LE TEMPS POUR TRANSMISSION EFFICACE DE LARGEUR DE BANDE
[72] CHUNG, SAE-YOUNG, US
[72] LOU, HUI-LING, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2001-02-20
[30] US (60/195,506) 2000-04-06
[30] US (09/765,754) 2001-01-19

[11] 2,337,959
[13] C
[51] Int.Cl. 7F16H 41/24
[25] EN
[54] TORQUE CONVERTER
[54] CONVERTISSEUR DE COUPLE
[72] INOUE, KOJI, JP
[72] YOSHIMOTO, TOKUJI, JP
[73] YUTAKA GIKEN CO., LTD., JP
[22] 2001-02-23
[30] JP (2000-52273) 2000-02-24

[11] 2,338,076
[13] C
[51] Int.Cl. 7A61K 7/021 7A61K 7/035 7A61K 7/48
[25] EN
[54] COSMETIC COMPOSITIONS CONTAINING FLUORESCENT MINERALS
[54] COMPOSITIONS COSMETIQUES CONTENANT DES MINERAUX FLUORESCENTS
[72] GUBERNICK, JOSEPH, US
[72] GEORGE, LILIANA, US
[72] CIOCA, GHEORGHE, US
[72] BEVACQUA, ANDREW J., US
[73] COLOR ACCESS, INC., US
[85] 2001-01-18
[86] 1999-09-23 (PCT/US1999/022078)
[87] (WO2000/072808)
[30] US (09/320,602) 1999-05-26

[11] 2,339,162
[13] C
[51] Int.Cl. 6B05B 5/00
[25] EN
[54] ELECTROSTATIC SPRAY MODULE
[54] APPAREIL DE PULVERISATION ELECTROSTATIQUE
[72] HARTMAN, WILLIAM J., US
[72] WHITE, ROBERT B., US
[73] PROGRESSIVE GROWER TECHNOLOGIES, INC., US
[85] 2001-01-31
[86] 1999-08-03 (PCT/US1999/017666)
[87] (WO2000/007737)
[30] US (09/130,034) 1998-08-04

[11] 2,339,511
[13] C
[51] Int.Cl. 7H04N 7/50
[25] EN
[54] IMAGE DATA PROCESSING APPARATUS AND MOTION COMPENSATION PROCESSING METHOD USED THEREFOR, AND RECORDING MEDIUM
[54] APPAREILLAGE DE TRAITEMENT DE DONNEES D'IMAGE, METHODE CONNEXE DE TRAITEMENT DE COMPENSATION DU MOUVEMENT ET SUPPORT D'ENREGISTREMENT
[72] YAMADA, TORU, JP
[73] NEC CORPORATION, JP
[22] 2001-03-07
[30] JP (2000-63066) 2000-03-08

[11] 2,340,251
[13] C
[51] Int.Cl. 7A61F 2/06
[25] EN
[54] INSERTABLE STENT AND METHODS OF MAKING AND USING SAME
[54] STENT IMPLANTABLE ET PRODUCTION ET UTILISATION DE CE STENT
[72] XIE, HUA, US
[73] PROVIDENCE HEALTH SYSTEM-OREGON, US
[85] 2001-02-12
[86] 1999-08-18 (PCT/US1999/019003)
[87] (WO2000/010488)
[30] US (60/097,357) 1998-08-21

[11] 2,340,999
[13] C
[51] Int.Cl. 7C07D 403/14 7A61P 25/00 7C07D 403/04 7C07D 471/04 7C07D 487/04 7A61P 3/04 7A61P 9/12 7C07D 401/14 7A61K 31/4184 7A61K 31/437 7A61K 31/454
[25] EN
[54] 5-ARYLINDOLE DERIVATIVES
[54] DERIVES DE 5-ARYLINDOLE
[72] MACOR, JOHN EUGENE, US
[73] PFIZER INC., US
[22] 1993-10-19
[62] 2,148,380
[30] US (07/970,758) 1992-11-02

[11] 2,341,182
[13] C
[51] Int.Cl. 7G01L 9/12 7G01L 1/14
[25] EN
[54] SEALED CAPACITIVE PRESSURE SENSORS
[54] CAPTEURS DE PRESSION CAPACITIFS ETANCHES
[72] GIANCHANDANI, YOGESH B., US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2001-02-19
[86] 1999-08-17 (PCT/US1999/018702)
[87] (WO2000/011444)
[30] US (60/097,170) 1998-08-19

[11] 2,342,080
[13] C
[51] Int.Cl. 7H01S 5/065 7H01S 5/30
[25] EN
[54] SELF-MODE-LOCKING QUANTUM CASCADE LASER
[54] LASER EN CASCADE QUANTIQUE A AUTOBLOCAGE DE MODE
[72] HUTCHINSON, ALBERT LEE, US
[72] SIVCO, DEBORAH LEE, US
[72] PAIELLA, ROBERTO, US
[72] GMACHL, CLAIRE F., US
[72] CHO, ALFRED YI, US
[72] CAPASSO, FEDERICO, US
[72] BAILLARGEON, JAMES NELSON, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2001-03-27
[30] US (09/566,348) 2000-05-08

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[11] **2,342,519**
[13] C

[51] **Int.Cl. 7G06F 19/00 7B44D 3/00**
[25] EN
[54] **DISPLAY SYSTEM FACILITATING PAINT COLOR SELECTION AND COORDINATION**
[54] **SYSTEME D’AFFICHAGE FACILITANT LE CHOIX DES COULEURS DE PEINTURES ET LA COORDINATION**
[72] PACE, JAMES P., US
[72] RICE, MARY R., US
[73] COLOR AXIS, US
[22] 2001-03-30
[30] US (09/538,659) 2000-03-30

[11] **2,342,982**
[13] C

[51] **Int.Cl. 7B01D 3/06 7B01D 5/00 7B01D 1/28 7B01D 1/30**
[25] EN
[54] **VACUUM DISTILLATION SYSTEM AND USE THEREOF FOR CONCENTRATING ORGANIC-AQUEOUS SOLVENT MIXTURES**
[54] **INSTALLATION DE DISTILLATION SOUS VIDE ET SON UTILISATION POUR CONCENTRER DES MELANGES DE SOLVANTS ORGANIQUES AQUEUX**
[72] POPP, MICHAEL A., DE
[72] RANNO, MICHAEL, DE
[72] JOSEPH, HEINZ-WALTER, DE
[73] BIONORICA AG, DE
[85] 2001-03-07
[86] 1999-10-20 (PCT/EP1999/007968)
[87] (WO2000/024488)
[30] DE (198 49 010.0) 1998-10-23

[11] **2,343,124**
[13] C

[51] **Int.Cl. 6H01T 13/20 6F02P 15/00 6F02P 23/00**
[25] EN
[54] **SPARK PLUG ULTRASOUND WHISTLE**
[54] **SIFFLET ULTRASONIQUE POUR BOUGIE D’ALLUMAGE**
[72] SACARTO, WALTER E., US
[73] SACARTO, WALTER E., US
[85] 2001-03-08
[86] 1999-01-15 (PCT/US1999/000937)
[87] (WO2000/016456)
[30] US (09/151,440) 1998-09-11

[11] **2,344,087**
[13] C

[51] **Int.Cl. 7A01J 25/00**
[25] EN
[54] **APPARATUS FOR CUTTING AND STIRRING CURD**
[54] **APPAREIL POUR COUPER ET BRASSER LE CAILLE**
[72] SIPMA, SIJMEN, NL
[72] HUITEMA, SJOERD, NL
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[22] 2001-04-17
[30] NL (1015016) 2000-04-25

[11] **2,344,247**
[13] C

[51] **Int.Cl. 7H04N 1/407 7G06T 5/00**
[25] EN
[54] **IMAGE PROCESSING DEVICE AND METHOD, AND RECORDING MEDIUM**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D’IMAGES ET SUPPORT D’ENREGISTREMENT**
[72] TAHARA, KAZUYOSHI, JP
[73] MITSUBISHI PLASTICS INC., JP
[85] 2001-03-16
[86] 1999-09-17 (PCT/JP1999/005089)
[87] (WO2000/018110)
[30] JP (10/264156) 1998-09-18
[30] JP (11/99473) 1999-04-06

[11] **2,345,720**
[13] C

[51] **Int.Cl. 7A61B 5/02**
[25] EN
[54] **APPARATUS AND METHOD FOR NON-INVASIVE, PASSIVE FETAL HEART MONITORING**
[54] **APPAREIL ET PROCEDE PASSIFS ET NON INVASIFS POUR SURVEILLER LA FREQUENCE CARDIAQUE FOETALE**
[72] STERNBERGER, WAYNE I., US
[72] MOSES, EDWARD J., US
[72] GREENBERG, ROBERT S., US
[72] CRISTION, JOHN A., US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2001-03-28
[86] 2000-03-10 (PCT/US2000/006295)
[87] (WO2000/054650)
[30] US (60/124,447) 1999-03-15

[11] **2,346,046**
[13] C

[51] **Int.Cl. 7B60R 1/08 7B60R 1/12**
[25] EN
[54] **ELECTROCHROMIC MIRROR INCORPORATING A THIRD SURFACE REFLECTOR**
[54] **MIROIR ELECTROCHROMIQUE INCORPORANT UN TROISIEME REFLECTEUR DE SURFACE**
[72] ANDERSON, JOHN S., US
[72] BAUER, FREDERICK T., US
[72] FORGETTE, JEFFREY A., US
[72] CAMMENGA, DAVID J., US
[72] ROBERTS, JOHN K., US
[72] TONAR, WILLIAM L., US
[72] VANDER ZWAAG, SCOTT W., US
[72] STAM, JOSEPH S., US
[72] CARTER, JOHN W., US
[72] BECHTEL, JON H., US
[73] GENTEX CORPORATION, US
[85] 2001-03-30
[86] 1999-10-20 (PCT/US1999/024682)
[87] (WO2000/023826)
[30] US (09/175,984) 1998-10-20
[30] US (09/197,400) 1998-11-20
[30] US (09/206,788) 1998-12-07
[30] US (09/311,955) 1999-05-14

[11] **2,346,467**
[13] C

[51] **Int.Cl. 7B60J 1/00 7B60J 1/08 7B60J 1/17 7E05F 11/38 7E06B 3/54**
[25] EN
[54] **GLASS SHEET AND GLASS WINDOW FOR VEHICLES**
[54] **PLAQUE DE VERRE ET VITRE POUR VEHICULES**
[72] SHIMOMURA, TAKAHIRO, JP
[73] NIPPON SHEET GLASS CO., LTD., JP
[85] 2001-04-04
[86] 1999-10-04 (PCT/JP1999/005480)
[87] (WO2000/020241)
[30] JP (10/282157) 1998-10-05

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[13] C
[51] **Int.Cl. 7B01L 3/00 7B01D 61/18
7B65B 7/28 7B65D 1/34**
[25] EN
[54] **MULTI-WELL
MICROFILTRATION APPARATUS**
[54] **APPAREIL DE
MICROFILTRATION A PLUSIEURS
PUITS**
[72] MORING, STEPHEN E., US
[72] BODNER, KEVIN S., US
[72] REED, MARK T., US
[72] OLDHAM, MARK F., US
[72] HALSEY, JASON H., US
[72] MADDEN, ALFRED P., US
[72] HOSHIZAKI, JON, US
[72] JACKSON, JOSEPH, US
[73] APPLERA CORPORATION, US
[85] 2001-04-10
[86] 1999-10-28 (PCT/US1999/025579)
[87] (WO2000/025922)
[30] US (09/182,946) 1998-10-29

[11] **2,347,564**
[13] C
[51] **Int.Cl. 7B60L 11/18 7B60K 6/04**
[25] EN
[54] **CONTROL DEVICE FOR HYBRID
VEHICLES**
[54] **DISPOSITIF DE COMMANDE
POUR VEHICULES HYBRIDES**
[72] MATSUBARA, ATSUSHI, JP
[72] WAKASHIRO, TERUO, JP
[72] IZUMIURA, ATSUSHI, JP
[72] NAKAMOTO, YASUO, JP
[72] KITAJIMA, SHINICHI, JP
[72] OKI, HIDEYUKI, JP
[73] HONDA GIKEN KOGYO
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AS HONDA MOTOR CO., LTD.), JP
[22] 2001-05-14
[30] JP (2000-150661) 2000-05-22

[11] **2,349,272**
[13] C
[51] **Int.Cl. 7A43B 7/32 7A61F 5/14 7A43B
13/40**
[25] EN
[54] **FULL LENGTH INSOLE FOR
ARTHRITIC AND/OR DIABETIC
PEOPLE**
[54] **SEMELLE PLEINE LONGUEUR
POUR PERSONNES ARTHRIQUES
ET/OU DIABETIQUES**
[72] GOODRICH, KELLIE, US
[72] HOWLETT, HAROLD, US
[72] SNYDER, DANIEL B., US
[72] CRANE, LAURA J., US
[72] XIA, BIN, US
[73] SCHERING-PLOUGH HEALTHCARE
PRODUCTS, INC., US
[22] 2001-05-30
[30] US (09/628,900) 2000-07-31

[11] **2,349,353**
[13] C
[51] **Int.Cl. 7E21B 31/113**
[25] EN
[54] **DOWNHOLE VIBRATOR**
[54] **VIBRATEUR DE FOND DE PUIITS**
[72] STOESZ, CARL W., US
[73] BAKER HUGHES INCORPORATED,
US
[22] 2001-05-31
[30] US (09/585,240) 2000-05-31

[11] **2,349,750**
[13] C
[51] **Int.Cl. 7G06F 3/14 7G06T 7/00
7G06T 17/40**
[25] EN
[54] **TOOL FOR THREE-
DIMENSIONAL ANALYSIS OF A
DRAWING**
[54] **OUTIL POUR L'ANALYSE
TRIDIMENSIONNELLE D'UN DESSIN**
[72] HERNANDEZ, LUC, FR
[73] DASSAULT SYSTEMES, FR
[22] 2001-06-06
[30] US (09/590,977) 2000-06-09

[11] **2,349,816**
[13] C
[51] **Int.Cl. 7E21B 34/00 7E21B 44/00
7G08C 17/00**
[25] EN
[54] **DOWNHOLE WELL-CONTROL
VALVE RESERVOIR MONITORING
AND DRAWDOWN OPTIMIZATION
SYSTEM**
[54] **SYSTEME DE CONTROLE DE
VANNE DE REGLAGE DE FOND DE
PUITS ET D'OPTIMISATION DU
SOUTIRAGE**
[72] JONES, KEVIN R., US
[72] BUSSEAR, TERRY R., US
[73] BAKER HUGHES INCORPORATED,
US
[22] 2001-05-30
[30] US (60/207,756) 2000-05-30

[11] **2,350,350**
[13] C
[51] **Int.Cl. 7B60T 8/00**
[25] EN
[54] **BRAKING FORCE CONTROL-
TYPE BEHAVIOR CONTROL
APPARATUS AND METHOD OF
MOTOR VEHICLE**
[54] **APPAREIL ET METHODE DE
CONTROLE DU COMPORTEMENT DE
VEHICULES A MOTEUR PENDANT LE
FREINAGE**
[72] AGA, MASAMI, JP
[73] TOYOTA JIDOSHA KABUSHIKI
KAISHA, JP
[22] 2001-06-12
[30] JP (2000-191131) 2000-06-26

[11] **2,350,689**
[13] C
[51] **Int.Cl. 6G09G 5/08**
[25] EN
[54] **METHOD AND APPARATUS FOR
CONTROLLING A POINTER DISPLAY
BASED ON THE HANDLING OF A
POINTER DEVICE**
[54] **PROCEDE ET APPAREIL
PERMETTANT DE COMMANDER
L'AFFICHAGE D'UN POINTEUR EN
FONCTION DE LA MANIPULATION
D'UN DISPOSITIF DE POINTAGE**
[72] SHAH-NAZAROFF, ANTHONY A.,
US
[73] INTEL CORPORATION, US
[85] 2001-04-23
[86] 1999-10-28 (PCT/US1999/025377)
[87] (WO2000/026892)
[30] US (09/183,279) 1998-10-30

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[11] **2,350,854**
[13] C

[51] **Int.Cl. 7C07D 211/90 7C07D 473/08 7C07F 7/10 7C07D 401/12 7C07D 413/12 7C07D 417/12 7C07D 401/14 7C07D 405/14 7C07D 409/14**
[25] EN
[54] **1,4-DIHYDROPYRIDINE DERIVATIVES AND METHODS OF PRODUCING THE SAME**
[54] **DERIVES DE 1,4-DIHYDROPYRIDINE ET METHODE DE PREPARATION**
[72] KASE, NORIKO, JP
[72] KADOIRI, AKIYOSHI, JP
[72] KONAGAI, YASUKO, JP
[72] YAMAURA, TETSUAKI, JP
[72] IKAWA, HIROSHI, JP
[73] UCB JAPAN CO., LTD., JP
[22] 1991-11-29
[62] 2,056,799
[30] JP (2-330005) 1990-11-30
[30] JP (3-207283) 1991-07-25
[30] JP (3-207284) 1991-07-25

[11] **2,350,878**
[13] C

[51] **Int.Cl. 7H04B 1/74 7H04B 7/005**
[25] EN
[54] **SPACE-TIME PROCESSING FOR WIRELESS SYSTEMS WITH MULTIPLE TRANSMIT AND RECEIVE ANTENNAS**
[54] **TRAITEMENT SPATIO-TEMPOREL POUR SYSTEMES SANS FIL A MULTIPLES ANTENNES D'EMISSION ET DE RECEPTION**
[72] RASHID-FARROKHI, FARROKH, US
[72] VALENZUELA, REINALDO A., US
[72] LOZANO, ANGEL, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 2001-06-19
[30] US (09/641,414) 2000-08-18

[11] **2,351,097**
[13] C

[51] **Int.Cl. 7G07F 17/24**
[25] EN
[54] **HOUSING FOR PARKING METER**
[54] **BOITIER POUR PARCOMETRE**
[72] MAGNESS, TODD, US
[72] TUXEN, GORM, US
[72] BERMAN, LAWRENCE, US
[73] DUNCAN INDUSTRIES, US
[22] 2001-06-20
[30] US (09/599,228) 2000-06-22

[11] **2,351,638**
[13] C

[51] **Int.Cl. 7B62D 53/06**
[25] EN
[54] **LOCKING MECHANISM FOR MOVABLE SUBFRAME OF SEMI-TRAILERS**
[54] **MECANISME DE VERROUILLAGE DESTINE A UN SOUS-CHASSIS MOBILE D'UN SEMI-REMORQUE**
[72] HESS, TIMOTHY V., US
[72] ROSS, JOSEPH M., US
[72] GIBSON, MARC A., US
[73] THE BOLER COMPANY., US
[85] 2001-05-16
[86] 2000-01-07 (PCT/US2000/000344)
[87] (WO2000/043255)
[30] US (09/234,581) 1999-01-21

[11] **2,354,837**
[13] C

[51] **Int.Cl. 7G06F 19/00 7G06F 17/50**
[25] EN
[54] **SIMULATOR FOR AUTOMATIC VEHICLE TRANSMISSION CONTROLLERS**
[54] **SIMULATEUR DE CONTROLEURS D'UNE TRANSMISSION AUTOMATIQUE D'UN VEHICULE**
[72] HAGIWARA, KENJI, JP
[72] TAKEDA, YOUHEI, JP
[72] KAMIYAMAGUCHI, TSUTOMU, JP
[72] SUZUKI, SHOICHI, JP
[72] YODA, KO, JP
[72] TERAYAMA, SATOSHI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 2001-08-09
[30] JP (2000-244412) 2000-08-11
[30] JP (2000-244413) 2000-08-11

[11] **2,358,031**
[13] C

[51] **Int.Cl. 7F16H 49/00**
[25] EN
[54] **SELF ADJUSTING WET BRAKE FOR USE WITH A TRANSMISSION OR TRANSAXLE**
[54] **FREIN A DISQUE HUMIDE AUTOAJUSTABLE A ETRE UTILISE AVEC UNE TRANSMISSION OU UNE BOITE-PONT**
[72] JOLLIFF, NORMAN E., US
[73] TECUMSEH PRODUCTS COMPANY, US
[22] 2001-10-03
[30] US (09/689,084) 2000-10-12

[11] **2,360,751**
[13] C

[51] **Int.Cl. 7D21C 9/147 7D21C 5/00 7C12N 9/02 7D21C 9/10 7C11D 3/386**
[25] EN
[54] **MULTICOMPONENT SYSTEM FOR ENZYME-CATALYZED OXIDATION OF SUBSTRATES AND PROCESS FOR THE ENZYME-CATALYZED OXIDATION**
[54] **SYSTEME MULTICOMPOSANT POUR L'OXYDATION DE SUBSTRATS CATALYSEE PAR DES ENZYMES ET PROCEDE D'OXYDATION CATALYSEE PAR DES ENZYMES**
[72] CANDUSSIO, ANTON, DE
[73] CONSORTIUM FUR ELEKTROCHEMISCHE INDUSTRIE GMBH, DE
[85] 2001-07-10
[86] 2000-02-17 (PCT/EP2000/001290)
[87] (WO2000/052257)
[30] DE (199 09 546.9) 1999-03-04

[11] **2,360,827**
[13] C

[51] **Int.Cl. 7E04C 5/00**
[25] EN
[54] **WALL REINFORCEMENT APPARATUS AND METHOD USING COMPOSITE MATERIALS**
[54] **APPAREIL ET METHODE DE RENFORCEMENT DE MUR A L'AIDE DE MATERIAUX COMPOSITES**
[72] MORTON, STEVEN E., US
[73] ENGINEERED COMPOSITE SYSTEMS, INC., US
[22] 2001-10-25
[30] US (09/697,966) 2000-10-27

[11] * **2,361,993**
[13] C

[51] **Int.Cl. 7A63H 33/08**
[25] EN
[54] **SNAP-FIT CONSTRUCTION SYSTEM**
[54] **SYSTEME D'ASSEMBLAGE ENCLIQUETABLE**
[72] WIENS, BEN I., CA
[72] MCINTOSH, ERIC G., CA
[73] WIENS, BEN I., CA
[22] 2001-10-25

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[11] **2,362,176**
[13] C

[51] **Int.Cl. 7A47L 9/16**
[25] EN
[54] **CYCLONE DUST COLLECTING ASSEMBLY FOR VACUUM CLEANER**
[54] **CYCLONE DEPOUSSIÈREUR POUR ASPIRATEUR**
[72] OH, JANG-KEUN, KR
[72] PARK, JUNG-SEON, KR
[73] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2001-11-14
[30] KR (2001-1609) 2001-01-11

[11] **2,362,540**
[13] C

[51] **Int.Cl. 7G01F 1/84**
[25] EN
[54] **A LOW THERMAL STRESS CASE CONNECT LINK FOR A STRAIGHT TUBE CORIOLIS FLOWMETER**
[54] **CONNEXION DE BOITIER A FAIBLE CONTRAINTE THERMIQUE POUR DEBITMETRE DE CORIOLIS A TUBE DROIT**
[72] VAN CLEVE, CRAIG BRAINERD, US
[73] MICRO MOTION, INC., US
[85] 2001-08-21
[86] 2000-02-02 (PCT/US2000/002724)
[87] (WO2000/050854)
[30] US (09/256,642) 1999-02-23

[11] **2,363,501**
[13] C

[51] **Int.Cl. 7H04N 5/445**
[25] EN
[54] **SYSTEM AND METHOD FOR TAILORING TELEVISION AND/OR ELECTRONIC PROGRAM GUIDE FEATURES, SUCH AS ADVERTISING**
[54] **SYSTEME ET PROCEDE PERMETTANT DE PERSONNALISER DES FONCTIONS DE GUIDES DE PROGRAMMES TELEVISUELS ET/OU ELECTRONIQUES, TELLES QUE LA PUBLICITE**
[72] HANCOCK, KENNETH S., US
[72] YUEN, HENRY C., US
[72] WARD, THOMAS EDWARD, III, US
[72] MACRAE, DOUGLAS, US
[72] NESSON, TED, US
[73] INDEX SYSTEMS, INC., VG
[85] 2001-08-17
[86] 2000-02-17 (PCT/US2000/004375)
[87] (WO2000/049801)
[30] US (60/120,722) 1999-02-17
[30] US (09/449,887) 1999-11-30

[11] **2,364,974**
[13] C

[51] **Int.Cl. 7H04M 7/00 7H04L 29/12 7H04L 12/64**
[25] EN
[54] **AUTOMATIC CONVERSION OF TELEPHONE NUMBER TO INTERNET PROTOCOL ADDRESS**
[54] **CONVERSION AUTOMATIQUE DE NUMEROS DE TELEPHONE EN ADRESSES IP**
[72] BRAND, JOEL, US
[73] LUCENT TECHNOLOGIES, INC., US
[85] 2001-08-21
[86] 2000-02-25 (PCT/US2000/004822)
[87] (WO2000/051331)
[30] US (60/122,248) 1999-02-26
[30] US (09/513,030) 2000-02-25

[11] **2,365,306**
[13] C

[51] **Int.Cl. 7A61L 2/10 7H04M 1/17**
[25] EN
[54] **TELEPHONE HANDSET STERILIZER METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE STERILISATION D'UN COMBINE TELEPHONIQUE**
[72] ROBERTS, JON L., US
[73] ROBERTS, JON L., US
[85] 2001-07-10
[86] 2000-01-10 (PCT/US2000/000547)
[87] (WO2000/041734)
[30] US (09/228,263) 1999-01-11

[11] **2,366,573**
[13] C

[51] **Int.Cl. 7H05B 33/10 7H05B 33/02 7H05B 33/22**
[25] EN
[54] **METHOD FOR PRODUCING COMPOSITE SUBSTRATE, AND EL DEVICE COMPRISING THE SAME**
[54] **PROCEDE DE PRODUCTION D'UN SUBSTRAT COMPOSITE, SUBSTRAT COMPOSITE ET DISPOSITIF EL COMPRENANT CE DERNIER**
[72] NAGANO, KATSUTO, JP
[72] TAKEISHI, TAKU, JP
[72] TAKAYAMA, SUGURU, JP
[73] TDK CORPORATION, JP
[85] 2001-10-03
[86] 2001-02-06 (PCT/JP2001/000815)
[87] (WO2001/060126)
[30] JP (2000/29465) 2000-02-07
[30] JP (2000/59521) 2000-03-03
[30] JP (2000/59522) 2000-03-03

[11] **2,369,527**
[13] C

[51] **Int.Cl. 7H01H 9/54 7G05F 3/02 7F24C 7/08**
[25] EN
[54] **SWITCHING SYSTEM FOR PLURAL SIMMER VOLTAGES**
[54] **SYSTEME DE COMMUTATION DE PLUSIEURS TENSIONS DE MIJOTAGE**
[72] GARRIS, CHARLES A., III, US
[73] ROBERTSHAW CONTROLS COMPANY, US
[22] 2002-01-29
[30] US (60/265,558) 2001-01-31

[11] **2,369,528**
[13] C

[51] **Int.Cl. 7B60N 2/44 7B60N 2/28**
[25] EN
[54] **SEAT SHELL FOR JUVENILE VEHICLE SEAT**
[54] **COQUE DE SIEGE D'AUTO POUR ENFANTS**
[72] KAIN, JAMES M., US
[73] COSCO MANAGEMENT, INC., US
[22] 2002-01-29
[30] US (09/815,750) 2001-03-23

[11] **2,370,744**
[13] C

[51] **Int.Cl. 7H03G 3/20**
[25] EN
[54] **MULTIMODE FAST ATTACK AUTOMATIC GAIN CONTROL (AGC) LOOP FOR NARROW BAND RECEIVERS**
[54] **RECEPTEURS A BANDE ETROITE A CIRCUIT DE CONTROLE DE GAIN AUTOMATIQUE (AGC) A ATTAQUE RAPIDE MULTIMODE**
[72] TILLEY, KEITH, US
[72] BLACKBURN, DANE E., US
[72] GRAHAM, DAVID J., US
[72] SALVI, RAUL, US
[73] MOTOROLA, INC., US
[85] 2001-10-26
[86] 2001-02-28 (PCT/US2001/006400)
[87] (WO2001/065758)
[30] US (09/515,741) 2000-02-29

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[11] **2,370,794**
[13] C

[51] **Int.Cl. 7A61G 5/10 7A61G 5/00**
[25] EN
[54] **WHEELCHAIR FRAME**
[54] **CHASSIS DE FAUTEUIL ROULANT**
[72] BARCLAY, HUGH W., CA
[73] ADVANCED MOBILITY SYSTEMS CORPORATION, CA
[22] 2002-02-06
[30] US (09/779,639) 2001-02-09

[11] **2,371,885**
[13] C

[51] **Int.Cl. 7C09D 5/44**
[25] EN
[54] **ELECTROCOATING COMPOSITIONS CONTAINING HIGH ASPECT RATIO CLAYS AS CRATER CONTROL AGENTS**
[54] **COMPOSITIONS DE REVETEMENT ELECTROLYTIQUE CONTENANT DES ARGILES A RAPPORT DE FORME ELEVE FAISANT OFFICE D'AGENTS DE CONTROLE DE LA FORMATION DE CRATERES**
[72] KARABIN, RICHARD F., US
[72] SANDALA, MICHAEL G., US
[72] KAYLO, ALAN J., US
[72] LAN, TIE, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2001-08-17
[86] 2000-02-22 (PCT/US2000/004466)
[87] (WO2000/049094)
[30] US (09/255,206) 1999-02-22

[11] **2,372,046**
[13] C

[51] **Int.Cl. 7F02M 35/104 7B63H 20/00**
[25] EN
[54] **NEGATIVE INTAKE PRESSURE DETECTION SYSTEM IN OUTBOARD MOTOR**
[54] **SYSTEME DE DETECTION DE DEPRESSION D'ADMISSION DE MOTEUR HORS-BORD**
[72] WADA, TETSU, JP
[72] IKUMA, TOMONORI, JP
[72] SATO, KAZUYOSHI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-02-12
[30] JP (2001-37743) 2001-02-14

[11] **2,372,331**
[13] C

[51] **Int.Cl. 7C02F 9/14 7C02F 7/00 7C02F 3/28 7C02F 1/74**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOVING POLLUTANTS FROM WATER**
[54] **SYSTEME ET METHODE D'ELIMINATION DE POLLUANTS PRESENTS DANS LES EAUX USEES**
[72] LAMBRECHT, PAUL E., US
[72] WALLACE, SCOTT D., US
[73] NORTH AMERICAN WETLAND ENGINEERING, INC., US
[22] 2002-02-21
[30] US (10/059,097) 2002-01-26

[11] **2,372,564**
[13] C

[51] **Int.Cl. 7H04Q 7/38 7H04B 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SOFT HANDOFF COMMUNICATIONS IN A COMMUNICATION SYSTEM OPERATING ACCORDING TO MULTIPLE COMMUNICATION STANDARDS**
[54] **PROCEDE ET APPAREIL DE TRANSFERT DOUX DE COMMUNICATIONS DANS UN SYSTEME DE COMMUNICATION FONCTIONNANT SELON PLUSIEURS NORMES**
[72] TENBROOK, KEITH A., US
[72] JALLOUL, LOUAY, US
[72] ROTSTEIN, RON, US
[72] CHEN, JIANGNAN, US
[72] LUZ, YUDA YEHUDA, US
[73] MOTOROLA, INC., US
[85] 2001-12-06
[86] 2001-03-30 (PCT/US2001/010210)
[87] (WO2001/078240)
[30] US (09/545,125) 2000-04-07

[11] **2,373,477**
[13] C

[51] **Int.Cl. 7A01J 5/04**
[25] EN
[54] **FLEXIBLE MILKING TUBE FOR AN AUTOMATIC MILKING PLANT**
[54] **TUYAU A LAIT FLEXIBLE POUR UNE INSTALLATION DE TRAITE AUTOMATIQUE**
[72] MAIER, JAKOB JUN, DE
[73] MAIER, JAKOB JUN, DE
[85] 2001-11-13
[86] 2000-05-11 (PCT/EP2000/004281)
[87] (WO2000/069252)
[30] DE (199 22 131.6) 1999-05-12

[11] **2,374,014**
[13] C

[51] **Int.Cl. 7A61L 9/03 7A01M 1/20**
[25] EN
[54] **APPARATUS FOR VOLATILIZING AND DISPENSING A CHEMICAL**
[54] **APPAREIL DE VOLATILISATION ET DE DISPERSION DE PRODUIT CHIMIQUE**
[72] DEMAREST, SCOTT W., US
[72] DANCS, IMRE J., US
[72] HOUSER, DAVID J., US
[73] S. C. JOHNSON & SON, INC., US
[85] 2001-11-15
[86] 2000-05-19 (PCT/US2000/013923)
[87] (WO2000/069479)
[30] US (09/314,805) 1999-05-19

[11] **2,376,827**
[13] C

[51] **Int.Cl. 7E21B 33/14**
[25] EN
[54] **COMPOSITION AND METHOD FOR SEALING AN ANNULAR SPACE BETWEEN A WELL BORE AND A CASING**
[54] **COMPOSITION ET METHODE DE SCELLEMENT D'UN ESPACE ANNULAIRE ENTRE UN CUVELAGE ET UN Puits DE FORAGE**
[72] GENOLET, LUIS CARLOS, VE
[72] CHAVEZ, JUAN CARLOS, VE
[72] ESPIN, DOUGLAS, VE
[72] JIMENEZ, MARIE ALEJANDRA, VE
[73] INTEVEP, S.A., VE
[22] 2002-03-14
[30] US (09/809,871) 2001-03-16

[11] **2,377,223**
[13] C

[51] **Int.Cl. 7A46D 1/00**
[25] EN
[54] **STATIC BRUSHES AND METHODS OF FABRICATING SAME**
[54] **BROSSES ELECTROSTATIQUES ET PROCEDES PERMETTANT DE FABRIQUER CES BROSSES**
[72] LOUGHNEY, DAVID M., US
[72] MCKINNEY, JOHN L., US
[72] NORTON, EDWARD W., US
[73] ULTRAFAB, INC., US
[85] 2002-01-21
[86] 2000-07-20 (PCT/US2000/040442)
[87] (WO2001/006891)
[30] US (09/359,504) 1999-07-23

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[11] **2,377,870**
[13] C
[51] **Int.Cl. 7G01F 1/84 7G01F 15/14**
[25] EN
[54] **CORIOLIS FLOWMETER HAVING A CASING WITH A PROTECTIVE OUTER LAYER**
[54] **DEBITMETRE DE CORIOLIS POSSEDANT UN BOITIER ENFERME DANS UN PLACAGE**
[72] OVERFELDT, MICHAEL LEON, US
[72] NORMEN, DAVID F., US
[73] MICRO MOTION, INC., US
[85] 2001-12-21
[86] 2000-06-12 (PCT/US2000/016030)
[87] (WO2001/002812)
[30] US (09/345,085) 1999-06-30

[11] **2,378,212**
[13] C
[51] **Int.Cl. 7G01M 17/00**
[25] EN
[54] **VEHICLE PERFORMANCE EVALUATION TEST METHOD AND APPARATUS**
[54] **DISPOSITIF ET METHODE D'EVALUATION DU COMPORTEMENT DE VEHICULES**
[72] TAKENAKA, OSAMU, JP
[72] SAKAMOTO, SHIGERU, JP
[72] OKOCHI, NORIHIKO, JP
[72] TAKEDA, JUNICHI, JP
[72] OGAWA, TETSUYA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2002-03-21
[30] JP (2001-085525) 2001-03-23

[11] **2,379,094**
[13] C
[51] **Int.Cl. 7E21B 33/16**
[25] EN
[54] **FLUID FILLED DRILL PIPE PLUG**
[54] **BOUCHON DE TIGE DE FORAGE CONTENANT UN LIQUIDE**
[72] SMITH, SIDNEY K., JR., US
[73] BAKER HUGHES INCORPORATED, US
[22] 2002-03-27
[30] US (09/832,028) 2001-04-10

[11] **2,379,517**
[13] C
[51] **Int.Cl. 7F16D 65/22 7B60T 1/06**
[25] EN
[54] **CAM SHAFT SUPPORT AND ENCLOSURE ASSEMBLY**
[54] **ENSEMBLE D'ENCEINTE ET DE SUPPORT D'ARBRE A CAME**
[72] WHITE, JAY DUDLEY, US
[72] MORRIS, BRIAN RICHARD, US
[73] THE BOLER COMPANY., US
[85] 2002-01-15
[86] 2000-08-17 (PCT/US2000/022666)
[87] (WO2001/018422)
[30] US (09/391,977) 1999-09-08

[11] **2,379,597**
[13] C
[51] **Int.Cl. 7F16H 48/02 7F16H 59/06**
[25] EN
[54] **GENERAL-PURPOSE MECHANICAL HOLONOMIC ELEMENT FOR A GEAR WITH VARIABLE CHANGING OF THE ROTATION MOMENT**
[54] **PARTIE MECANIQUE HOLONOMIQUE UNIVERSELLE D'UN ENGRENAGE AVEC COUPLE VARIABLE A L'INFINI (ET VARIANTES)**
[72] KOROTKOV, EDUARD KONSTANTINOVICH, RU
[72] KOROTKOVA, MARINA EDUARDOVNA, RU
[73] KOROTKOV, EDUARD KONSTANTINOVICH, RU
[73] KOROTKOVA, MARINA EDUARDOVNA, RU
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[86] 2000-07-11 (PCT/RU2000/000283)
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[51] **Int.Cl. 7B60L 15/20**
[25] EN
[54] **CONTROL APPARATUS FOR ELECTRIC MOTOR AND CONTROL APPARATUS FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE MOTEUR ELECTRIQUE ET DISPOSITIF DE COMMANDE DE VEHICULE HYBRIDE**
[72] SHIRASAKA, TAKUYA, JP
[72] TAMAGAWA, YUTAKA, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-04-03
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[11] **2,381,899**
[13] C
[51] **Int.Cl. 7F41B 5/20**
[25] EN
[54] **ARCHERY BOW VIBRATION DAMPER**
[54] **AMORTISSEUR DE VIBRATIONS DE L'ARC**
[72] MCMILLAN, THOMAS E., III, US
[73] MCMILLAN, THOMAS E., III, US
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[11] **2,382,180**
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[51] **Int.Cl. 7D21C 9/16**
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[54] **HIGH TEMPERATURE PEROXIDE BLEACHING OF MECHANICAL PULPS**
[54] **BLANCHIMENT A HAUTE TEMPERATURE DE PATES MECANIQUES**
[72] PARRISH, ANTHONY, US
[72] HAMILTON, ROBERT T., US
[72] CAMPBELL, ROGER O., US
[72] HAYNES, KAAREN K., US
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[54] **WELL COMPLETION METHOD AND APPARATUS**
[54] **METHODE ET DISPOSITIF DE COMPLETION DE PUIT**
[72] CORONADO, MARTIN P., US
[72] VINCENT, RAY, US
[72] TURLEY, ROCKY A., US
[72] RODDY, JIM H., US
[73] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] **POWER STATION USING OCEAN CURRENTS**
[54] **CENTRALE ELECTRIQUE UTILISANT LES COURANTS MARINS**
[72] WOBHEN, ALOYS, DE
[73] WOBHEN, ALOYS, DE
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[54] **LISSE D'USURE CONSTANTE ET AUTO AIGUISANTE**
[54] **SELF-SHARPENING RUNNER**
[72] LACHANCE, GHISLAIN, CA
[73] LACHANCE, GHISLAIN, CA
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[54] **LIMITED-BANDWIDTH ELECTRONIC DATA COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION DE DONNEES ELECTRONIQUES A BANDE PASSANTE LIMITEE**
[72] PEREIRA, KATHY, CA
[72] LEHAN, TIM, CA
[72] PIDDUCK, PATRICK, CA
[72] MARTIN, CHRISTOPHER, CA
[72] SPICER, STEVEN, CA
[73] SPICER CORPORATION, CA
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[54] **DRAINAGE TILE FLOW REGULATOR**
[54] **REGULATEUR DU DEBIT DANS UN TUYAU D'ARGILE**
[72] LITTLER, WILLIAM, IV, US
[72] BEEBOUT, LEO E., US
[72] SCHAFER, CHARLIE J., US
[73] AGRI DRAIN CORPORATION, US
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[25] EN
[54] **CONTENT DISTRIBUTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DISTRIBUTION DE CONTENU**
[72] HEAVEN, JOHN, CA
[72] HOCH, WOJTEK, CA
[72] HUNT, CLIFF, CA
[73] MUSICRYPT INC., CA
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[30] CA (2,393,685) 2002-07-16

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[25] EN
[54] **DENSIFYING AGENTS FOR ENHANCING FIBER DENSIFICATION**
[54] **AGENTS DENSIFICATEURS DESTINES A AMELIORER LA DENSIFICATION DES FIBRES**
[72] HANSEN, MICHAEL R., US
[72] YOUNG, RICHARD H., US
[73] WEYERHAEUSER COMPANY, US
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[54] **LOTTERY TICKET**
[54] **BILLET DE LOTERIE**
[72] REIMER, BLAINE, CA
[72] BRICKWOOD, MICHAEL JOHN, CA
[72] SCRYMGEOUR, LYLE HAROLD, CA
[73] POLLARD BANKNOTE LIMITED, CA
[22] 2003-03-20

[11] **2,423,872**
[13] C

[51] **Int.Cl. 7G07B 15/00 7E01F 13/00 7G08G 1/017 7G08C 17/02**
[25] EN
[54] **ELECTRONIC TOLL COLLECTION SYSTEM FOR TOLL ROAD**
[54] **SYSTEME DE PERCEPTION ELECTRONIQUE POUR ROUTE A PEAGE**
[72] FUYAMA, SEIJI, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[54] **GRAIN MOISTURE SENSOR**

[54] **HUMIDIMETRE POUR GRAINS**

[72] FRASER, WILLIAM D., CA

[73] FRASER, WILLIAM D., CA

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[11] **2,449,162**

[13] C

[51] **Int.Cl. 7B60R 1/08**

[25] EN

[54] **VEHICLE MIRROR SYSTEM**

[54] **SYSTEME DE RETROVISEUR DE
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[72] PATRIKAKIS, PANO YIOTIS, CA

[73] PATRIKAKIS, PANO YIOTIS, CA

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[11] **2,459,052**

[13] C

[51] **Int.Cl. 7B63H 23/30**

[25] EN

[54] **DRIVE TRANSMISSION SYSTEM
FOR VESSEL PROPELLING**

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[54] **TRANSMISSION DE GROUPE**

PROPULSEUR MARIN

[72] SODA, CHIHARU, JP

[72] FUJITA, YASUSHI, JP

[72] ICHIHASHI, KAORU, JP

[72] FUKUDA, YOSHIHIKO, JP

[73] HONDA GIKEN KOGYO

KABUSHIKI KAISHA (ALSO TRADING

AS HONDA MOTOR CO., LTD.), JP

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[30] JP (144430/1993) 1993-05-25

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[13] C

[51] **Int.Cl. 7A01K 5/00 7A01K 5/01**

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[25] EN

[54] **ANIMAL FEEDING TRAY**

[54] **CLAIE D'ALIMENTATION DU
BETAIL**

[72] FRENCH, DAVID J., CA

[72] FRENCH, SHERRY E., CA

[73] FRENCH, DAVID J., CA

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[13] A1
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[25] EN
[54] **STEAM EXTREME PORTABLE SAUNA**
[54] **SAUNA PORTATIF A VAPEUR INTENSE**
[72] WILSON, DAVID, CA
[72] GRANT, SHANE, CA
[71] WILSON, DAVID, CA
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[13] A1
[51] **Int.Cl. 7B25B 13/46**
[25] EN
[54] **REVERSIBLE RATCHET WRENCH**
[54] **CLE A ROCHET REVERSIBLE**
[72] WU, ARTHUR, TW
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[22] 2003-06-12
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[21] **2,431,656**
[13] A1
[51] **Int.Cl. 7A47G 9/10 7A47G 9/00**
[25] EN
[54] **HEAD, EAR AND SHOULDER RECESSED FOAM PILLOW**
[54] **OREILLER EN MOUSSE AVEC CREUX POUR LA TETE, L'OREILLE ET L'EPAULE**
[72] SZOKE, BELA BILL, CA
[71] SZOKE, BELA BILL, CA
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[13] A1
[51] **Int.Cl. 7E03B 7/07 7F16L 55/00 7F16K 31/02 7G05D 7/06 7E03B 7/09**
[25] EN
[54] **WATER SHUT OFF VALVE**
[54] **ROBINET D'ARRET D'EAU**
[72] THERRIAULT, MARC, CA
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[21] **2,431,671**
[13] A1
[51] **Int.Cl. 7G08G 1/097 7G08G 1/07 7G08G 1/095**
[25] FR
[54] **SYSTEME D'ALIMENTATION D'URGENCE POUR FEUX DE CIRCULATION**
[54] **EMERGENCY POWER SUPPLY SYSTEM FOR TRAFFIC LIGHTS**
[72] BRUNEAU, NORMAND N. B., CA
[71] BRUNEAU, NORMAND N. B., CA
[22] 2003-06-18
[41] 2004-12-18

[21] **2,431,687**
[13] A1
[51] **Int.Cl. 7B60B 39/00**
[25] EN
[54] **BONDED SAND TRACTION AID DEVICE**
[54] **DISPOSITIF D'ADHERENCE EN SABLE AGGLOMERE**
[72] WHITE, JOHN DAVID, CA
[71] WHITE, JOHN DAVID, CA
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[41] 2004-12-17

[21] **2,431,689**
[13] A1
[51] **Int.Cl. 7H02M 3/156**
[25] EN
[54] **ZERO-CURRENT SWITCHED RESONANT CONVERTER**
[54] **CONVERTISSEUR RESONANT COMMUTE AU POINT D'INTENSITE NULLE DU COURANT**
[72] CANUS, LIU, CA
[71] CANUS, LIU, CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,431,787**
[13] A1
[51] **Int.Cl. 7A61H 33/06 7A47K 3/00**
[25] EN
[54] **STEAM EXTREME PORTABLE SAUNA**
[54] **SAUNA PORTATIF A TEMPERATURE ELEVEE**
[72] WILSON, DAVID, CA
[72] GRANT, SHANE, CA
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[41] 2004-12-17

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[13] A1
[51] Int.Cl. 7B27M 3/18 7A47B 25/00
[25] FR
[54] **BOISERIES D'APPARENCE AVEC INCRUSTATIONS D'ARDOISE, TABLES D'APPOINT AVEC INCRUSTATIONS D'ARDOISE ET DIVERS ARTICLES UTILITAIRES TELS QUE PLATEAU DE SERVICE AVEC ARDOISE, SOUS-VERRE AVEC INCRUSTATION D'ARDOISE ET CADRES TOUJOURS AVEC DES INCRUSTATIONS D'ARDOISE**
[54] **DECORATIVE WOODWORKING WITH INLAID SLATE, OCCASIONAL TABLES WITH INLAID SLATE, AND VARIOUS UTILITARIAN ARTICLES SUCH AS A SERVING TRAY WITH SLATE, COASTERS WITH INLAID SLATE, AND FRAMES THAT ALSO HAVE INLAIDS OF SLATE**
[72] LAROCHELLE, JOCELYNE, CA
[71] L'ASSOCIATION DES PERSONNES HANDICAPEES ENTRE-AMIS DU TEMISCOUATA INC., CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,431,918**
[13] A1
[51] Int.Cl. 7E04B 5/00 7B63C 1/00
[25] EN
[54] **CONSTRUCTION PLATFORMS**
[54] **PLATES-FORMES DE CONSTRUCTION**
[72] SCANTLAND, ROBERT B., CA
[71] SCANTLAND, ROBERT B., CA
[22] 2003-06-13
[41] 2004-12-13

[21] **2,431,949**
[13] A1
[51] Int.Cl. 7F41H 11/16
[25] EN
[54] **THE PROCEDURE OF PERSONNEL MINES CLEARING BY VOLUMETRIC EXPLOSION OF AIR AND GAS MIXTURE IN CLOSED SPACE, FORMED BY INTERNAL SPACE OF THE SELF-PROPELLED DEVICE AND THE MAINTAINED SURFACE**
[54] **PROCEDURE D'ELIMINATION DES MINES ANTIPERSONNEL PAR L'EXPLOSION VOLUMETRIQUE D'UN MELANGE D'AIR ET DE GAZ EN MILIEU CLOS, FORME PAR L'ESPACE INTERNE DU DISPOSITIF AUTO-PROPULSE ETLA SURFACE MAINTENUE**
[72] KOGANITSKY, GREGORY, CA
[71] KOGANITSKY, GREGORY, CA
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[41] 2004-12-13

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[13] A1
[51] Int.Cl. 7E04B 1/62 7B29D 22/02 7A01G 9/14 7B32B 27/32
[25] EN
[54] **VENTILATION BARRIER**
[54] **BARRIERE DE VENTILATION**
[72] DUBE, JEAN-GUY, CA
[71] DUBE, JEAN-GUY, CA
[22] 2003-06-12
[41] 2004-12-12

[21] **2,432,105**
[13] A1
[51] Int.Cl. 7A63C 17/12 7A63C 17/02
[25] EN
[54] **SKATEBOARD WITH A POWER DRIVING UNIT**
[54] **PLANCHE A ROULETTES AVEC SYSTEME D'ENTRAINEMENT**
[72] LIN, SHEN-KENG, XX
[71] LIN, SHEN-KENG, XX
[22] 2003-06-12
[41] 2004-12-12

[21] **2,432,112**
[13] A1
[51] Int.Cl. 7F42B 12/78 7F42B 10/00 7F42B 12/34
[25] EN
[54] **BULLET JACKET AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **DOUILLE DE BALLE ET METHODE DE FABRICATION**
[72] LEBLANC, RUSSELL P., CA
[72] KYLE, BARRY W., CA
[71] GREEN-KORE INC., CA
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[41] 2004-12-12

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[13] A1
[51] Int.Cl. 7F24H 1/20
[25] EN
[54] **WATER HEATER CONSTRUCTION**
[54] **CONSTITUTION D'UN CHAUFFE-EAU**
[72] KINGSTON, JAMES E., US
[71] KINGSTON, JAMES E., US
[22] 2003-06-12
[41] 2004-12-12

[21] **2,432,202**
[13] A1
[51] Int.Cl. 7C10J 3/48
[25] EN
[54] **GASIFIER OF ORGANIC WASTE**
[54] **GAZEIFIEUR DE DECHETS ORGANIQUES**
[72] CARNEGIE, LYLE EDMUND, CA
[71] CARNEGIE, LYLE EDMUND, CA
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[41] 2004-12-13

[21] **2,432,204**
[13] A1
[51] Int.Cl. 7E01C 13/08 7B32B 27/32 7B32B 27/40
[25] EN
[54] **MULTI-LAYER SECURITY MAT FOR PLAYGROUND SURFACE**
[54] **REVETEMENT DE SECURITE MULTICOUCHE POUR SURFACE DE TERRAIN DE JEUX**
[72] PHAN, PATRICK, CA
[72] LECLAIR, SYLVAIN, CA
[71] LES INSTALLATIONS SPORTIVES DEFARGO, CA
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[41] 2004-12-13

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[13] A1

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[25] EN
[54] **FASTENER WITH ALIGNING LEAD THREAD**
[54] **FIXATION AVEC FILET AVANT D'ALIGNEMENT**
[72] GARVER, MICHAEL A., US
[71] GARVER, MICHAEL A., US
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[41] 2004-12-13

[21] **2,432,238**
[13] A1

[51] **Int.Cl. 7A63J 5/00 7G03B 21/10 7G02B 27/18 7G09F 19/18 7H04N 5/74**
[25] EN
[54] **PASSAGEWAY WITH VIRTUAL REALITY ENVIRONMENT**
[54] **PASSAGE A ENVIRONNEMENT DE REALITE VIRTUELLE**
[72] MOQUIN, CAROLE, CA
[71] MOQUIN, CAROLE, CA
[22] 2003-06-13
[41] 2004-12-13

[21] **2,432,244**
[13] A1

[51] **Int.Cl. 7A47C 7/16**
[25] EN
[54] **PANEL**
[54] **PANNEAU**
[72] ROWLAND, ERWIN W., US
[72] ROWLAND, DAVID L., US
[71] ROWLAND, ERWIN W., US
[71] ROWLAND, DAVID L., US
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[21] **2,432,245**
[13] A1

[51] **Int.Cl. 7B65D 71/50 7E04C 3/02**
[25] EN
[54] **METAL STUD WALL PACKAGING SYSTEM**
[54] **SYSTEME DE CONDITIONNEMENT D'OSSATURE MURALE METALLIQUE**
[72] PALUMBO, JOSEPH DOMINIC, CA
[72] DEFRANCESCO, FRANK, CA
[71] PALUMBO, JOSEPH DOMINIC, CA
[71] DEFRANCESCO, FRANK, CA
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[21] **2,432,246**
[13] A1

[51] **Int.Cl. 7E21B 10/46**
[25] EN
[54] **SYSTEM FOR OVERBURDEN DRILLING**
[54] **SYSTEME POUR FORAGE DE TERRAINS DE COUVERTURE**
[72] CHARLAND, LUC, CA
[72] CHARLAND, ROGER, CA
[71] CHARLAND, LUC, CA
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[13] A1

[51] **Int.Cl. 7B25H 1/16 7B66F 5/00 7B66F 7/26**
[25] EN
[54] **TRANSMISSION SUPPORT METHOD AND APPARATUS**
[54] **METHODE ET DISPOSITIF DE SUPPORT DE BOITE DE VITESSES**
[72] KELSO, JAY, CA
[71] KELSO, JAY, CA
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[41] 2004-12-12

[21] **2,432,268**
[13] A1

[51] **Int.Cl. 7G21C 19/00**
[25] EN
[54] **FLUX DETECTOR REMOVAL APPARATUS**
[54] **OUTIL DE DEPOSE DE DETECTEUR DE FLUX**
[72] GEDDO, ALBERTO, CA
[71] ONTARIO POWER GENERATION INC., CA
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[41] 2004-12-12

[21] **2,432,298**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/00**
[25] FR
[54] **METHODE ET SYSTEME INTERACTIFS DE MAGASINAGE PAR L'ENTREMISE D'UN RESEAU INFORMATIQUE**
[54] **INTERACTIVE METHOD AND SYSTEM OF STORAGE BY MEANS OF A COMPUTER NETWORK**
[72] LAMARCHE, MARC-ANDRE, ZZ
[72] FONTAINE, FRANCOIS, ZZ
[72] THEROUX, MICHEL, ZZ
[72] DUMAIS, GUY, ZZ
[71] VIDEOIWEAR INC., CA
[22] 2003-06-12
[41] 2004-12-12

[21] **2,432,313**
[13] A1

[51] **Int.Cl. 7A01C 7/20 7A01D 90/10**
[25] EN
[54] **TRANSFER MECHANISM AND PRODUCT CART FOR PARTICULATE MATERIAL**
[54] **MECANISME DE TRANSFERT ET CHARIOT POUR MATERIAU PARTICULAIRE**
[72] DOBRANSKI, MILES, CA
[72] NAOUMTCHIK, SERGUEI, CA
[71] AIM MATERIAL HANDLING SYSTEMS, CA
[22] 2003-06-13
[41] 2004-12-13

[21] **2,432,358**
[13] A1

[51] **Int.Cl. 7A61K 33/24 7A61P 1/00 7A61K 31/015 7A61K 33/06 7A61K 31/07 7A61K 31/122 7A23L 1/30 7A61K 31/355 7A61K 31/375 7A61K 31/4415 7A61K 31/519 7A61K 31/593**
[25] EN
[54] **NUTRITIONAL SUPPLEMENTATION FOR TREATING DEFICIENCY STATES IN BOWEL DISEASE**
[54] **SUPPLEMENT NUTRITIONNEL POUR LE TRAITEMENT DE CARENCES DUES A UNE MALADIE ENTERINE**
[72] NIJHAWAN, PARDEEP, CA
[71] MEDICAL FUTURES INC., CA
[22] 2003-06-13
[41] 2004-12-13

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[13] A1

[51] **Int.Cl. 7G01N 27/22 7G01N 37/00 7G01N 33/28**
[25] EN
[54] **METHOD FOR TESTING LIQUID HYDROCARBONS USING REFRACTIVE INDEX**
[54] **METHODE DE MISE A L'ESSAI D'HYDROCARBURES LIQUIDES UTILISANT L'INDICE DE REFRACTION**
[72] CHETWYND, ROGER, CA
[72] VADGAMA, KIRAN, CA
[71] OCTAL SYSTEMS INCORPORATED, CA
[22] 2003-06-13
[41] 2004-12-13

[21] **2,432,406**
[13] A1

[51] **Int.Cl. 7A47F 5/11 7A47F 5/10**
[25] EN
[54] **FOLDABLE STEPPED DISPLAY STAND HAVING SHELVES WITH OPEN SIDES**
[54] **PRESENTOIR PLIANT A GRADINS AVEC ETAGERES A OUVERTURES LATERALES**
[72] MINISTER, DAVID BRIAN, CA
[72] MOSS, GEOFFREY ALAN, CA
[71] MINISTER, DAVID BRIAN, CA
[71] MOSS, GEOFFREY ALAN, CA
[22] 2003-06-13
[41] 2004-12-13

[21] **2,432,421**
[13] A1

[51] **Int.Cl. 7H02J 7/00 7H01R 11/00**
[25] EN
[54] **BATTERY JUMPER CABLE CONNECTION APPARATUS AND METHODS**
[54] **APPAREIL ET METHODES DE BRANCHEMENT DE CABLES DE DEMARRAGE POUR BATTERIE**
[72] COWL, JEFFREY DAVID, NZ
[72] WINKLE, STUART TREVOR, NZ
[71] COWL, JEFFREY DAVID, NZ
[71] WINKLE, STUART TREVOR, NZ
[22] 2003-06-13
[41] 2004-12-13

[21] **2,432,458**
[13] A1

[51] **Int.Cl. 7F03B 7/00**
[25] EN
[54] **WATER WHEEL GENERATOR PAIR**
[54] **ROUES A AUBES ET GENERATRICES JUMEELES**
[72] WILLI HENKENHAF, CA
[71] WILLI HENKENHAF, CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,432,462**
[13] A1

[51] **Int.Cl. 7H02G 1/00**
[25] EN
[54] **SAFETY DEVICES FOR INSULATIVE TOOLS**
[54] **DISPOSITIFS DE SECURITE POUR OUTILS ISOLANTS**
[72] HESSE, KARL, CA
[71] MANITOBA HYDRO-ELECTRIC BOARD, CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,432,480**
[13] A1

[51] **Int.Cl. 7A62C 8/06**
[25] EN
[54] **FIRE EXTINGUISHING COVER**
[54] **COUVERTURE D'EXTINCTION**
[72] ROUSSIN, RICHARD, CA
[71] ROUSSIN, RICHARD, CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,432,483**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04L 9/32 7G06F 17/60**
[25] EN
[54] **MULTIPLE IDENTITY MANAGEMENT IN AN ELECTRONIC COMMERCE SITE**
[54] **GESTION D'IDENTITES MULTIPLES SUR UN SITE DE COMMERCE ELECTRONIQUE**
[72] KHUSIAL, DARSHANAND, CA
[72] CHAN, VICTOR S., CA
[72] MIRLAS, LEV, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,484**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **MARKETING PROFILE STORE**
[54] **MEMOIRE A PROFIL COMMERCIAL**
[72] YIU, DANNY, CA
[72] CHAN, VICTOR S., CA
[72] MIRLAS, LEV, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,485**
[13] A1

[51] **Int.Cl. 7A01B 35/20 7A01B 21/00 7A01C 5/06 7A01B 63/24**
[25] EN
[54] **APPARATUS FOR ATTACHING A GROUND-ENGAGING TOOL TO AN IMPLEMENT FRAME**
[54] **APPAREIL POUR FIXER UN OUVREUR DE SILLON AU CHASSIS D'UN INSTRUMENT ARATOIRE**
[72] CRESSWELL, MARK, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,432,501**
[13] A1

[51] **Int.Cl. 7E21B 17/02**
[25] EN
[54] **CONNECTABLE ROD SYSTEM FOR DRIVING DOWNHOLE PUMPS FOR OIL FIELD INSTALLATIONS**
[54] **SYSTEME DE TIGES SE RACCORDANT POUR L'ENTRAINEMENT DES POMPES DE FOND DES INSTALLATIONS PETROLIERES**
[72] CARSTENSEN, KENNETH J., US
[71] CARSTENSEN, KENNETH J., US
[22] 2003-06-16
[41] 2004-12-16

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[21] **2,432,502**
[13] A1

[51] **Int.Cl. 7B08B 3/10**
[25] EN
[54] **METHOD AND APPARATUS FOR SAFELY CLEANING A LIVE EQUIPMENT**
[54] **METHODE ET APPAREIL PERMETTANT D'EFFECTUER LE NETTOYAGE SECURITAIRE D'EQUIPEMENT SOUS TENSION**
[72] TURCOTTE, YVON, CA
[72] BOUCHARD, DAVE, CA
[72] LANOIE, ROBERT, CA
[71] HYDRO-QUEBEC, CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,432,512**
[13] A1

[51] **Int.Cl. 7B25B 23/00 7B25B 21/00**
[25] EN
[54] **POWER TOOLS**
[54] **OUTILS ELECTRIQUES**
[72] YAMAMOTO, HIROKATSU, JP
[71] MAKITA CORPORATION, JP
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,599**
[13] A1

[51] **Int.Cl. 7E01H 5/10 7C09K 3/18**
[25] EN
[54] **METHOD AND APPARATUS FOR MELTING SNOW AND ICE**
[54] **METHODE ET APPAREIL PERMETTANT DE FAIRE FONDRE LA NEIGE ET LA GLACE**
[72] BOURGAULT, PIERRE, CA
[71] BOURGAULT, PIERRE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,602**
[13] A1

[51] **Int.Cl. 7A61L 27/20 7A61L 31/04 7C12P 19/04**
[25] EN
[54] **SOLVENT DEHYDRATED MICROBIALLY-DERIVED CELLULOSE FOR IN VIVO IMPLANTATION**
[54] **CELLULOSE D'ORIGINE MICROBIENNE ET DESHYDRATEE A L'AIDE D'UN SOLVANT POUR IMPLANTATION IN VIVO**
[72] SERAFICA, GONZALO, US
[72] HOON, RUSSELL, US
[72] OSTER, GERRY ANN, US
[72] MORMINO, RICHARD, US
[72] LENTZ, KEVIN, US
[72] KOEHLER, KEVIN, US
[71] XYLOS CORPORATION, US
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,616**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **METHOD FOR MANAGING COMMERCE CONTEXTS**
[54] **METHODE DE GESTION DE CONTEXTES COMMERCIAUX**
[72] FOK, MADELINE KIT YIN, CA
[72] DUNN, ROBERT M.H., CA
[72] CHAN, VICTOR S., CA
[72] MIRLAS, LEV, CA
[72] KWOK, RAYMOND K.M., CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,620**
[13] A1

[51] **Int.Cl. 7E03F 5/02 7E03F 7/00 7E02D 29/12**
[25] EN
[54] **SEWER GRATE WITH INSECT BLOCK**
[54] **GRILLE D'EGOUT MUNIE D'UN DISPOSITIF ANTI-INSECTES**
[72] CURATOLO, TONY, CA
[71] ROYAL GROUP TECHNOLOGIES LIMITED, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,622**
[13] A1

[51] **Int.Cl. 7A42B 3/04**
[25] EN
[54] **ADJUSTABLE HELMET WITH DISABLING INSERT**
[54] **CASQUE AJUSTABLE AVEC PIECE DE BLOCAGE**
[72] GOODHAND, STEPHEN, CA
[72] DESJARDINS, ANDRE, CA
[71] ITECH SPORT PRODUCTS INC., CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,630**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFER OF ORDERS FROM AN ORDER MANAGEMENT SYSTEM TO AN ELECTRONIC MARKETPLACE**
[54] **METHODE ET SYSTEME DE TRANSFERT DE COMMANDES ENTRE UN SYSTEME DE GESTION DES COMMANDES ET UN MARCHE ELECTRONIQUE**
[72] KWOK, RAYMOND K.M., CA
[72] DUNN, ROBERT M.H., CA
[72] MIRLAS, LEV, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,631**
[13] A1

[51] **Int.Cl. 7G06F 3/14**
[25] EN
[54] **METHOD FOR MANAGING TREE PRESENTATIONS IN GRAPHICAL USER INTERFACES**
[54] **METHODE DE GESTION DE PRESENTATIONS ARBORESCENTES DANS DES INTERFACES UTILISATEURS GRAPHIQUES**
[72] SHORTLIFFE, GLEN, CA
[72] BORENSTEIN, HOWARD, CA
[72] MARKOVA, ULİYANA, CA
[72] MIRLAS, LEV, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

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[21] **2,432,658**
[13] A1
[51] **Int.Cl. 7G06F 17/27 7G06F 17/20**
[25] EN
[54] **SIMPLE TYPES IN XML SCHEMA
COMPLEX TYPES**
[54] **TYPES SIMPLES DANS DES TYPES
COMPLEXES DE SCHEMA XML**
[72] DUNNE, SEAN, IE
[72] KALIA, SUMAN K., CA
[72] HANSON, STEPHEN M., GB
[72] LOVETT, MATTHEW C., GB
[72] SPRIET, DAVID A., CA
[71] IBM CANADA LIMITED - IBM
CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,665**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16
7G06F 17/30**
[25] EN
[54] **STOREPATH FOR SHARING
COMMERCE ASSETS**
[54] **CHEMIN D'ACCES DE MEMOIRE
POUR LE PARTAGE D'ACTIFS
COMMERCIAUX**
[72] MIRLAS, LEV, CA
[72] LEE, WAN NGAI W., CA
[72] LAM, BRENDA M., CA
[72] YU, PAUL KWONG-HUNG, CA
[72] CHAN, VICTOR S., CA
[72] DUNN, ROBERT M.H., CA
[71] IBM CANADA LIMITED - IBM
CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,667**
[13] A1
[51] **Int.Cl. 7H04L 9/32 7H04L 12/16
7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR
GRANTING USER PRIVILEGES IN
ELECTRONIC COMMERCE
SECURITY DOMAINS**
[54] **METHODE ET SYSTEME
PERMETTANT D'OCTROYER DES
PRIVILEGES D'UTILISATEUR DANS
DES DOMAINES DE SECURITE DU
COMMERCE ELECTRONIQUE**
[72] KHUSIAL, DARSHANAND, CA
[72] CHAN, VICTOR S., CA
[72] PHILIP, WESLEY M., CA
[72] MIRLAS, LEV, CA
[71] IBM CANADA LIMITED - IBM
CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,669**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR
REFERENCING TRADING
AGREEMENTS**
[54] **METHODE ET SYSTEME
D'ETABLISSEMENT DE REFERENCES
POUR ENTENTES COMMERCIALES**
[72] MIRLAS, LEV, CA
[72] CHAN, VICTOR S., CA
[72] BORENSTEIN, HOWARD, CA
[71] IBM CANADA LIMITED - IBM
CANADA LIMITEE, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,670**
[13] A1
[51] **Int.Cl. 7E21B 36/04 7E21B 36/00**
[25] EN
[54] **SELF-CONTAINED PORTABLE
NO-FLAME HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE
AUTONOME PORTATIF SANS
FLAMME**
[72] CUNNINGHAM, LARRY, CA
[71] CUNNINGHAM, LARRY, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,671**
[13] A1
[51] **Int.Cl. 7G01R 15/18 7G01R 19/00**
[25] EN
[54] **CORELESS CURRENT SENSOR**
[54] **CAPTEUR DE COURANT SANS
BOBINES**
[72] DE BUDA, ERIC GEORGE, CA
[71] KINECTRICS INC., CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,700**
[13] A1
[51] **Int.Cl. 7B61K 9/04 7G08B 21/18**
[25] EN
[54] **METHOD AND APPARATUS FOR
DETECTING HOT RAIL CAR
SURFACES**
[54] **METHODE ET APPAREIL POUR
LA DETECTION DES SURFACES
CHAUDES DES WAGONS**
[72] DIXON, WALTER VINCENT, US
[72] RINGERMACHER, HARRY ISRAEL,
US
[72] MATHEWS, HARRY KIRK, JR., US
[72] DAVENPORT, DAVID MICHAEL, US
[72] HOUP, PAUL KENNETH, US
[71] GENERAL ELECTRIC COMPANY,
US
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,703**
[13] A1
[51] **Int.Cl. 7F23J 13/04 7E04F 17/02**
[25] EN
[54] **JOINT ASSEMBLY FOR CHIMNEY
COMPONENTS**
[54] **RACCORD POUR ELEMENTS DE
CHEMINEE**
[72] GAGNE, BENOIT, CA
[71] CHEMINEE LINING.E INC., CA
[22] 2003-06-18
[41] 2004-12-18

[21] **2,432,706**
[13] A1
[51] **Int.Cl. 7A47C 4/02 7A47C 1/031**
[25] EN
[54] **A MULTIUSE PORTABLE CHAIR**
[54] **CHAISE PORTATIVE
POLYVALENTE**
[72] CALVERY, ANDREW, US
[71] CALVERY, ANDREW, US
[22] 2003-06-18
[41] 2004-12-18

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[21] **2,432,710**
[13] A1

[51] **Int.Cl. 7G06T 5/50 7G06T 5/10**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING A COMPOSITE IMAGE BASED ON AT LEAST TWO INPUT IMAGES**
[54] **SYSTEME ET METHODE DE PRODUCTION D'UNE IMAGE COMPOSITE A PARTIR D'AU MOINS DEUX IMAGES D'ENTREE**
[72] ROZIN, DANIEL H., US
[71] ROZIN, DANIEL H., US
[22] 2003-06-18
[41] 2004-12-18

[21] **2,432,852**
[13] A1

[51] **Int.Cl. 7F28D 21/00 7F25D 31/00 7A41D 13/005**
[25] EN
[54] **DISTRIBUTED PHASE CHANGE PERSONAL HEAT MANAGEMENT SYSTEM**
[54] **SYSTEME PERSONNEL REPARTI DE GESTION DE LA CHALEUR A VARIATION DE PHASE**
[72] TEMPLETON, RANDALL D., CA
[71] DUPONT CANADA INC., CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,433,245**
[13] A1

[51] **Int.Cl. 7A63B 71/14 7A41D 19/015 7A41D 13/08**
[25] EN
[54] **FINGER SHIELD AND SUPPORT FOR SPLIT-FINGERED GLOVE**
[54] **PROTECTEUR ET SUPPORT DE DOIGTS POUR GANT A DOIGTS ARTICULES**
[72] VOUVALIDIS, GUS, CA
[72] AGATHOS, SPYROS, CA
[71] FORTE INDUSTRIES LIMITED, CA
[22] 2003-06-25
[41] 2004-12-13
[30] US (60/477,956) 2003-06-13

[21] **2,432,764**
[13] A1

[51] **Int.Cl. 7B60G 25/00**
[25] EN
[54] **STRUT-TYPE SUSPENSION DEVICE**
[54] **SUSPENSION A JAMBE DE FORCE**
[72] OMI, TOSHIO, JP
[72] SUGIMOTO, YUKIHIRO, JP
[71] MITSUBISHI STEEL MFG. CO., LTD., JP
[22] 2003-06-18
[41] 2004-12-18

[21] **2,432,860**
[13] A1

[51] **Int.Cl. 7F28D 21/00 7F25D 31/00 7A41D 13/005 7F25B 21/02**
[25] EN
[54] **DISTRIBUTED ELECTRONIC PERSONAL HEAT MANAGEMENT SYSTEM**
[54] **SYSTEME ELECTRONIQUE PERSONNEL REPARTI DE GESTION DE LA CHALEUR**
[72] DICKIE, ROBERT G., CA
[72] TEMPLETON, RANDALL D., CA
[71] DUPONT CANADA INC., CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,433,248**
[13] A1

[51] **Int.Cl. 7H04R 1/10 7H04B 7/00 7H04R 1/02**
[25] EN
[54] **APPARATUS TO PROVIDE WIRELESS HEADSET AUDIO DEVICE ENCASED WITHIN A FORM FACTOR OF A HELMET SUCH AS A MOTORCYCLE HELMET, MILITARY HELMET, SKI OR SNOWBOARD HELMET, OUTDOOR ADVENTURE HELMET, OR CONSTRUCTION HELMET, OR A MODULE WHICH AUGMENTS ANY HELMET TO PROVIDE THIS CAPABILITY**
[54] **APPAREIL SERVANT DE DISPOSITIF ECOUTEUR SANS FIL INCORPORE A UN CASQUE, PAR EXEMPLE UN CASQUE DE MOTOCYCLISTE, UN CASQUE MILITAIRE, UN CASQUE DE SKI ET/ OU DE PLEIN AIR, UN CASQUE DE CONSTRUCTION, OU MODULE ACCESSOIRE DE CASQUE ASSURANT CETTE FONCTION**
[72] SATO, KIMIHIKO ERNST, CA
[71] SATO, KIMIHIKO ERNST, CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,832**
[13] A1

[51] **Int.Cl. 7H04R 5/033 7H04S 1/00 7H04R 1/32**
[25] EN
[54] **HEADPHONES FOR 3D SOUND**
[54] **CASQUES D'ECOUTE POUR SONS 3D**
[72] HILDEBRANDT, JAMES G., CA
[71] HILDEBRANDT, JAMES G., CA
[22] 2003-06-16
[41] 2004-12-16

[21] **2,433,185**
[13] A1

[51] **Int.Cl. 7A63B 69/00 7A63B 23/04**
[25] EN
[54] **STRIDE BOARD**
[54] **PANNEAU POUR GLISSEMENTS**
[72] HADLAND, TERRENCE R., CA
[71] HADLAND, TERRENCE R., CA
[22] 2003-06-17
[41] 2004-12-17

[21] **2,432,836**
[13] A1

[51] **Int.Cl. 7B05D 1/12 7B05D 3/02 7C09D 5/03 7C08J 7/04 7B05D 3/12**
[25] EN
[54] **METHOD OF POWDER COATING**
[54] **METHODE DE REVETEMENT EN POUDRE**
[72] LANGLOIS, ROBERT W., CA
[71] LANGLOIS, ROBERT W., CA
[22] 2003-06-13
[41] 2004-12-13

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[21] **2,433,953**
[13] A1
[51] **Int.Cl. 7A61B 5/055 7A61K 49/06**
[25] EN
[54] **USE OF MRI TO SCREEN NORMAL RISK, ASYMPTOMATIC INDIVIDUALS FOR BREAST CANCER**
[54] **UTILISATION DE L'IMR POUR LE DEPISTAGE DU CANCER DU SEIN CHEZ DES PERSONNES ASYMPTOMATIQUES A RISQUE NORMAL**
[72] BITTNER, CRAIG, US
[71] BITTNER, CRAIG, US
[22] 2003-06-27
[41] 2004-12-13
[30] US (10/460,797) 2003-06-13

[21] **2,433,956**
[13] A1
[51] **Int.Cl. 7A61B 5/055 7A61K 49/06**
[25] EN
[54] **USE OF MRI TO SCREEN INDIVIDUALS FOR PROSTATE CANCER**
[54] **UTILISATION DE L'IMR POUR LE DEPISTAGE DU CANCER DE LA PROSTATE CHEZ DES PERSONNES**
[72] BITTNER, CRAIG, US
[71] BITTNER, CRAIG, US
[22] 2003-06-27
[41] 2004-12-13
[30] US (10/460,798) 2003-06-13

[21] **2,435,165**
[13] A1
[51] **Int.Cl. 7D05B 11/00**
[25] EN
[54] **AN IMPROVED QUILTING MACHINE**
[54] **MACHINE A MATELASSER AMELIOREE**
[72] WATTS, JOHN, AT
[71] JOHN WATTS SEWING CENTRE, AT
[22] 2003-07-10
[41] 2004-12-18
[30] AU (2003100480) 2003-06-18

[21] **2,436,801**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04M 11/06 7H04L 12/16 7H04M 3/42**
[25] EN
[54] **COUPON REBATE BUSINESS METHOD USING PORTABLE PERSONAL COMMUNICATION DEVICES**
[54] **METHODE COMMERCIALE FONDEE SUR LA TRANSMISSION DE COUPONS-RABAIS PAR DISPOSITIFS PORTATIFS PERSONNELS DE COMMUNICATIONS**
[72] NGUYEN, MARTIN KHANG, US
[71] NGUYEN, MARTIN KHANG, US
[22] 2003-08-06
[41] 2004-12-12
[30] US (10/461556) 2003-06-12

[21] **2,437,096**
[13] A1
[51] **Int.Cl. 7C01G 49/10 7C01B 9/02**
[25] EN
[54] **SYSTEM AND METHOD OF MAKING FERRIC CHLORIDE WITH REDUCED AMOUNTS OF HYDROCHLORIC ACID FOR WATER TREATMENT**
[54] **SYSTEME ET METHODE DE PRODUCTION DE CHLORURE FERRIQUE A PARTIR DE QUANTITES REDUITES D'ACIDE CHLORHYDRIQUE A DES FINS DE TRAITEMENT DE L'EAU**
[72] RUTKOWSKI, DENNIS E., US
[72] YAKSIC, ANDY M., US
[71] PVS TECHNOLOGIES, INC., US
[22] 2003-08-13
[41] 2004-12-13
[30] US (10/460,849) 2003-06-13

[21] **2,442,199**
[13] A1
[51] **Int.Cl. 7A62B 17/00 7A62B 18/00 7A41D 13/00 7A62B 17/04**
[25] EN
[54] **PROTECTIVE COMBINATION COMPRISING FACE MASK, PROTECTIVE GARMENT HAVING HOOD, AND INFLATABLE SEAL, FOR FIREFIGHTER OR EMERGENCY WORKER**
[54] **COMBINAISON DE PROTECTION COMPRENANT MASQUE FACIAL, VETEMENT PROTECTEUR A CAPUCHON ET JOINT GONFLABLE POUR POMPIER OU SECOURISTE**
[72] GRILLIOT, WILLIAM L., US
[72] GRILLIOT, MARY I., US
[71] MORNING PRIDE MANUFACTURING, L.L.C., US
[22] 2003-09-24
[41] 2004-12-12
[30] US (10/461,999) 2003-06-12

[21] **2,444,157**
[13] A1
[51] **Int.Cl. 7G01N 33/18 7G06F 17/40**
[25] EN
[54] **METHOD FOR MEASURING LIQUID HYDROCARBONS USING REFRACTIVE INDEX**
[54] **METHODE DE MESURE DES HYDROCARBURES LIQUIDES PAR INDICE DE REFRACTION**
[72] CHETWYND, ROGER, CA
[72] VADGAMA, KIRAN, CA
[71] OCTAL SYSTEMS INCORPORATED, CA
[22] 2003-10-02
[41] 2004-12-13
[30] CA (2,432,403) 2003-06-13

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[21] **2,444,315**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G08G 1/00 7H04L 12/16**
[25] EN
[54] **PARKING SYSTEM WITH CENTRALIZED RESERVATION, PAYMENT AND ENFORCEMENT**
[54] **SYSTEME DE STATIONNEMENT A CENTRALISATION DES RESERVATIONS, DES PAIEMENTS ET DE L'EXPLOITATION**
[72] CHATTERJEE, AMALENDU, US
[72] COHN-SFETCU, SORIN, US
[72] RAHA, DWIJADAS, US
[72] FOBERT, JOSEPH, CA
[71] EXIMSOFT INTERNATIONAL, LLC, US
[22] 2003-10-08
[41] 2004-12-18
[30] US (10/463,321) 2003-06-18

[21] **2,447,822**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 17/40**
[25] EN
[54] **MAINTENANCE AND INSPECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE MAINTENANCE ET D'INSPECTION**
[72] MADDOX, EDWARD P., JR., US
[71] XYBERNAUT CORPORATION, US
[22] 2003-10-15
[41] 2004-12-18
[30] US (10/464,685) 2003-06-18

[21] **2,453,021**
[13] A1

[51] **Int.Cl. 7F42B 3/00**
[25] EN
[54] **SUPER COMPRESSED DETONATION METHOD AND DEVICE TO EFFECT SUCH DETONATION**
[54] **METHODE ET DISPOSITIF DE DETONATION PAR SURCOMPRESSION**
[72] ZHANG, FAN, CA
[72] HIGGINS, ANDREW J., CA
[72] MURRAY, STEPHEN BURKE, CA
[71] MINISTER OF NATIONAL DEFENCE, CA
[22] 2003-12-11
[41] 2004-12-12
[30] US (10/459,714) 2003-06-12

[21] **2,453,261**
[13] A1

[51] **Int.Cl. 7E04D 13/064 7F21V 33/00**
[25] EN
[54] **GUTTER SYSTEM WITH BUILT-IN ROPELIGHTS**
[54] **GOUTTIERES AVEC CORDONS LUMINEUX INTEGRES**
[72] CHEEMA, HARJINDER S., CA
[71] CHEEMA, HARJINDER S., CA
[22] 2003-12-12
[41] 2004-12-18
[30] US (10/463693) 2003-06-18

[21] **2,455,320**
[13] A1

[51] **Int.Cl. 7A47C 3/04**
[25] EN
[54] **STACKABLE CHAIR WITH FLEXING FRAME**
[54] **SIEGE SUPERPOSABLE AVEC ARMATURE SOUPLE**
[72] OLSON, OGDEN R., US
[71] HON TECHNOLOGY INC., US
[22] 2004-01-16
[41] 2004-12-13
[30] US (10/461,081) 2003-06-13

[21] **2,456,063**
[13] A1

[51] **Int.Cl. 7E04B 5/00 7E04B 5/02 7E04B 1/38**
[25] EN
[54] **DECK BOARD TIE CONNECTOR, CONNECTION AND METHOD**
[54] **CONNECTEUR DE PLANCHES, RACCORDEMENT ET METHODE**
[72] LEEK, WILLIAM F., FR
[72] MATHIS, CHARLES-HENRI, FR
[71] SIMPSON STRONG-TIE COMPANY, INC., US
[22] 2004-01-27
[41] 2004-12-12
[30] US (10/461,547) 2003-06-12

[21] **2,456,368**
[13] A1

[51] **Int.Cl. 7H02H 7/20 7H04M 11/06**
[25] EN
[54] **PROTECTION CIRCUIT FOR A DIGITAL SUBSCRIBER LINE DEVICE**
[54] **CIRCUIT DE PROTECTION POUR DISPOSITIF DE LIGNE D'ABONNE NUMERIQUE**
[72] KUCHARSKI, JANUSZ M., US
[71] ADC DSL SYSTEMS, INC., US
[22] 2004-01-28
[41] 2004-12-16
[30] US (10/462,471) 2003-06-16

[21] **2,456,459**
[13] A1

[51] **Int.Cl. 7G01V 3/38**
[25] EN
[54] **METHOD FOR ENHANCING DEPTH AND SPATIAL RESOLUTION OF ONE AND TWO DIMENSIONAL RESIDUAL SURFACES DERIVED FROM SCALAR POTENTIAL DATA**
[54] **METHODE D'AMELIORATION DE LA RESOLUTION EN PROFONDEUR ET DANS L'ESPACE DES SURFACES RESIDUELLES UNIDIMENSIONNELLES ET BIDIMENSIONNELLES A PARTIR DE DONNEES SCALAIRES POSSIBLES**
[72] MCDERMOTT, ANDREW M., US
[71] MCDERMOTT, ANDREW M., US
[22] 2003-06-16
[41] 2004-12-16

[21] **2,456,526**
[13] A1

[51] **Int.Cl. 7H04B 3/46 7H04M 11/06**
[25] EN
[54] **FAULT CHARACTERIZATION USING INFORMATION INDICATIVE OF ECHO**
[54] **CARACTERISATION DES DEFAUTS A PARTIR D'INFORMATION INDICATRICE D'ECHO**
[72] PHAM, TIET, US
[72] GERLACH, RONALD R., US
[72] LAU, MO-CHING JUSTINE, US
[72] RUDE, MICHAEL J., US
[72] WU, WILLIAM W., US
[71] ADC DSL SYSTEMS, INC., US
[22] 2004-01-30
[41] 2004-12-16
[30] US (10/462,431) 2003-06-16

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[21] **2,456,532**
[13] A1
[51] **Int.Cl. 7B25B 27/00 7A01D 75/00**
7A01D 75/10 7B25B 13/48
[25] EN
[54] **PUNCH PRESS TOOL**
[54] **OUTIL DE POINCONNEUSE**
[72] HOFFMAN, HERBERT F., US
[71] HOFFMAN, HERBERT F., US
[22] 2004-01-30
[41] 2004-12-17
[30] US (10/462,806) 2003-06-17

[21] **2,457,457**
[13] A1
[51] **Int.Cl. 7B25B 15/00 7B25B 23/00**
[25] EN
[54] **INTERCHANGEABLE**
SCREWDRIVER FOR TOOL BITS
[54] **TOURNEVIS A LAMES**
INTERCHANGEABLES
[72] KALDER NAGY, GYULA, CA
[71] KALDER NAGY, GYULA, CA
[22] 2004-02-11
[41] 2004-12-13
[30] CA (2,430,227) 2003-06-13

[21] **2,458,709**
[13] A1
[51] **Int.Cl. 7F21V 19/00**
[25] EN
[54] **LIGHT BULB RETENTION**
ASSEMBLY
[54] **DISPOSITIF DE RETENUE**
D'AMPOULE ELECTRIQUE
[72] BROTT, SANDERS R., US
[72] FIELDS, WILLIAM BRENT, US
[71] VALEO SYLVANIA L.L.C., US
[22] 2004-02-25
[41] 2004-12-16
[30] US (10/462,147) 2003-06-16

[21] **2,458,774**
[13] A1
[51] **Int.Cl. 7G07F 17/32 7G06F 19/00**
7G07F 17/34
[25] EN
[54] **FREE GAME BONUS ROUND FOR**
GAMING MACHINES
[54] **SYSTEME DE PARTIE GRATUITE**
EN PRIME POUR APPAREILS DE JEU
DE HASARD
[72] GAUSELMANN, MICHAEL, DE
[71] ATRONIC INTERNATIONAL GMBH,
DE
[22] 2004-02-24
[41] 2004-12-17
[30] US (10/464,109) 2003-06-17
[30] US (10/658,562) 2003-09-08

[21] **2,459,656**
[13] A1
[51] **Int.Cl. 7B32B 5/32 7B32B 31/00**
7B32B 3/12
[25] EN
[54] **END GAPS OF FILLED**
HONEYCOMB
[54] **STRUCTURE ALVEOLAIRE**
REPLIE AVEC ALVEOLES DE
FORME SPECIALE
[72] PALM, TOD, US
[72] DYER, TIMOTHY ALAN, US
[72] SHAH, CHANDRAKANT
HIMATLAL, US
[72] REIS, CARL A., US
[71] NORTHROP GRUMMAN
CORPORATION, US
[22] 2004-03-04
[41] 2004-12-12
[30] US (10/461,178) 2003-06-12

[21] **2,460,423**
[13] A1
[51] **Int.Cl. 7A47J 31/40 7A47J 31/00**
[25] EN
[54] **BEVERAGE DISPENSING**
MACHINE INCLUDING CARTRIDGE
EJECTOR ASSEMBLY
[54] **DISTRIBUTEUR AUTOMATIQUE**
DE BOISSONS AVEC EJECTEUR DE
CARTOUCHES
[72] HALE, ROBERT, CA
[71] HALE, ROBERT, CA
[22] 2004-03-09
[41] 2004-12-13
[30] US (10/460,305) 2003-06-13

[21] **2,460,762**
[13] A1
[51] **Int.Cl. 7B01J 3/08 7F42B 12/06**
[25] EN
[54] **SUPER COMPRESSED**
DETONATION METHOD AND DEVICE
TO EFFECT SUCH DETONATION
[54] **METHODE ET DISPOSITIF DE**
DETONATION PAR
SURCOMPRESSION
[72] ZHANG, FAN, CA
[72] HIGGINS, ANDREW J., CA
[72] MURRAY, STEPHEN BURKE, CA
[71] HER MAJESTY THE QUEEN AS
REPRESENTED BY THE MINISTER OF
NATIONAL DEFENCE OF HER
MAJESTY'S CANADIAN GOVERNMENT,
CA
[22] 2004-03-12
[41] 2004-12-12
[30] US (10/459,714) 2003-06-12
[30] CA (2,453,021) 2003-12-11

[21] **2,460,955**
[13] A1
[51] **Int.Cl. 7F24C 3/08**
[25] EN
[54] **GAS BURNER MOUNTING**
ASSEMBLY FOR A COOKING
APPLIANCE HAVING A CERAMIC-
BASED COOKTOP
[54] **SUPPORT DE BRULEUR A GAZ**
POUR APPAREIL DE CUISSON AVEC
SURFACE DE CUISSON CERAMIQUE
[72] WARE, JEFFREY, US
[72] SHAVER, MICHAEL J., US
[72] HAWKINS, DUSTIN L., US
[71] MAYTAG CORPORATION, US
[22] 2004-03-16
[41] 2004-12-13
[30] US (10/460,263) 2003-06-13

[21] **2,461,371**
[13] A1
[51] **Int.Cl. 7F15B 15/06 7F16J 9/00**
[25] EN
[54] **ACTUATOR**
[54] **ACTIONNEUR**
[72] HANSEN, ROBERT A., US
[71] DYNAMIC AIR INC., US
[22] 2004-03-19
[41] 2004-12-13
[30] US (10/461,892) 2003-06-13

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[21] **2,461,962**
 [13] A1

[51] **Int.Cl. 7C25B 11/04 7C25B 11/00**
 [25] EN
 [54] **METHOD FOR PRODUCING ELECTRODE STRUCTURES, AS WELL AS AN ELECTRODE STRUCTURE AND ITS USE**
 [54] **METHODE DE PRODUCTION ET D'UTILISATION DE STRUCTURES D'ELECTRODE**
 [72] KRUEGER, FRANK, DE
 [72] FRERICKS, MATTHIAS, DE
 [71] W.C. HERAEUS GMBH & CO. KG, DE
 [22] 2004-03-23
 [41] 2004-12-17
 [30] DE (103 27 500.2) 2003-06-17

[21] **2,462,035**
 [13] A1

[51] **Int.Cl. 7F24C 3/10 7F24C 3/08 7F23Q 7/22**
 [25] EN
 [54] **METHOD AND APPARATUS FOR GAS RANGES**
 [54] **METHODE ET DISPOSITIFS POUR CUISINIERS A GAZ**
 [72] NAJEWICZ, DAVID JOSEPH, US
 [72] LITTLE, DERRICK DOUGLAS, US
 [72] HAYNES, JOEL MEIER, US
 [71] GENERAL ELECTRIC COMPANY, US
 [22] 2004-03-25
 [41] 2004-12-13
 [30] US (10/460,888) 2003-06-13

[21] **2,463,337**
 [13] A1

[51] **Int.Cl. 7E01H 5/02 7E01H 1/12**
 [25] EN
 [54] **CLEANING IMPLEMENT HAVING A SCRAPER AND A PIVOTING SQUEEGEE WITH BROOM**
 [54] **USTENSILE DE NETTOYAGE AVEC GRATTOIR ET RACLETTE PIVOTANTE A BALAI**
 [72] ANDERSON, TORRENCE, US
 [72] ROSINE, LYLE, US
 [71] SUNCAST CORPORATION, US
 [22] 2004-04-06
 [41] 2004-12-16
 [30] US (10/464,401) 2003-06-16

[21] **2,464,895**
 [13] A1

[51] **Int.Cl. 7C10M 105/58 7C10M 133/04 7C10M 137/10**
 [25] EN
 [54] **USE OF DISPERSANT VISCOSITY INDEX IMPROVERS IN EXHAUST GAS RECIRCULATION ENGINES**
 [54] **UTILISATION DE DISPERSANTS AMELIORANT L'INDICE DE VISCOSITE DANS DES MOTEURS A RECIRCULATION DES GAZ D'ECHAPPEMENT**
 [72] VENHAUS, DAVID A., US
 [72] PASSUT, CHARLES A., US
 [72] MISHRA, MUNMAYA K., US
 [71] ETHYL CORPORATION, US
 [22] 2004-04-20
 [41] 2004-12-18
 [30] US (10/464,614) 2003-06-18

[21] **2,465,026**
 [13] A1

[51] **Int.Cl. 7B23K 9/10 7B23K 31/02**
 [25] EN
 [54] **METHOD AND APPARATUS FOR DETECTING SHORTED RECTIFYING CONTROL ELEMENTS OF AN ENGINE DRIVEN POWER SOURCE FOR A WELDING-TYPE SYSTEM**
 [54] **METHODE ET DISPOSITIF DE DETECTION D'ELEMENTS DE COMMANDE DE REDRESSEMENT COURT-CIRCUITES D'UNE SOURCE D'ALIMENTATION A MOTEUR A COMBUSTION POUR SYSTEME DE SOUDAGE**
 [72] SMITH, ALAN F., US
 [71] ILLINOIS TOOL WORKS INC., US
 [22] 2004-04-20
 [41] 2004-12-13
 [30] US (10/250,224) 2003-06-13

[21] **2,465,444**
 [13] A1

[51] **Int.Cl. 7B60R 3/00 7B62D 25/22**
 [25] EN
 [54] **STEP ASSEMBLY FOR A VEHICLE**
 [54] **MARCHEPIED POUR VEHICULE**
 [72] CERVENKA, DEAN A., US
 [71] DAC SKY, LLC, US
 [22] 2004-04-26
 [41] 2004-12-17
 [30] US (60/479,049) 2003-06-17
 [30] US (10/820,678) 2004-04-08

[21] **2,465,565**
 [13] A1

[51] **Int.Cl. 7A61K 31/40 7A61J 3/02 7A61K 9/16**
 [25] EN
 [54] **PHARMACEUTICAL COMPOSITIONS OF ATORVASTATIN**
 [54] **COMPOSITIONS PHARMACEUTIQUES D'ATORVASTATINE**
 [72] WATERMAN, KENNETH CRAIG, US
 [72] FERGIONE, MICHAEL BRUCE, US
 [72] JOHNSON, BARBARA ALICE, US
 [71] WARNER-LAMBERT COMPANY, US
 [22] 2004-04-29
 [41] 2004-12-12
 [30] US (60/478,119) 2003-06-12

[21] **2,465,621**
 [13] A1

[51] **Int.Cl. 7A61K 31/40 7A61J 3/06 7A61J 3/07 7A61K 9/20 7A61K 9/48**
 [25] EN
 [54] **PHARMACEUTICAL COMPOSITIONS OF ATORVASTATIN**
 [54] **COMPOSITIONS PHARMACEUTIQUES D'ATORVASTATINE**
 [72] BERCHIELLI, ALFRED, US
 [72] DAUGHERITY, PATRICK DAVID, US
 [72] WATERMAN, KENNETH CRAIG, US
 [71] WARNER-LAMBERT COMPANY, US
 [22] 2004-04-29
 [41] 2004-12-12
 [30] US (60/477,918) 2003-06-12

[21] **2,465,640**
 [13] A1

[51] **Int.Cl. 7A61K 31/40 7A61J 3/00**
 [25] EN
 [54] **PROCESS FOR FORMING AMORPHOUS ATORVASTATIN**
 [54] **METHODE DE PRODUCTION D'ATORVASTATINE AMORPHE**
 [72] WATERMAN, KENNETH CRAIG, US
 [72] LORENZ, DOUGLAS ALAN, US
 [71] WARNER-LAMBERT COMPANY, US
 [22] 2004-04-29
 [41] 2004-12-12
 [30] US (60/477,916) 2003-06-12

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[21] **2,465,693**
[13] A1
[51] **Int.Cl. 7A61K 31/40 7A61P 3/06**
7A61J 3/10 7A61K 9/16
[25] EN
[54] **PHARMACEUTICAL**
COMPOSITIONS OF ATORVASTATIN
[54] **COMPOSITIONS**
PHARMACEUTIQUES
D'ATORVASTATINE
[72] WATERMAN, KENNETH CRAIG, US
[72] LUNER, PAUL EVAN, US
[71] WARNER-LAMBERT COMPANY, US
[22] 2004-04-29
[41] 2004-12-12
[30] US (60/477,917) 2003-06-12

[21] **2,465,997**
[13] A1
[51] **Int.Cl. 7H04L 12/54 7H04L 29/02**
[25] EN
[54] **PEER-TO-PEER NAME**
RESOLUTION WIRE PROTOCOL AND
MESSAGE FORMAT DATA
STRUCTURE FOR USE THEREIN
[54] **PROTOCOLE DE CABLAGE**
PERMETTANT LA RESOLUTION DES
NOMS ENTRE PAIRS ET STRUCTURE
DE DONNEES DES FORMATS DE
MESSAGE UTILISEE DANS CE
PROTOCOLE
[72] SIMIONESCU, RADU, US
[72] RAWAS, HENRY, US
[72] MILLER, JOHN L., US
[72] LIEUALLEN, BRIAN, US
[71] MICROSOFT CORPORATION, US
[22] 2004-05-03
[41] 2004-12-13
[30] US (10/461,940) 2003-06-13

[21] **2,465,999**
[13] A1
[51] **Int.Cl. 7A47F 5/08 7G10D 3/00 7A47F**
7/00
[25] EN
[54] **WALL HOLDER FOR AT LEAST**
ONE MUSICAL INSTRUMENT HAVING
A NECK OR A SIMILAR TAPER, IN
PARTICULAR A GUITAR OR BASS
GUITAR
[54] **SUPPORT DE PAROI POUR AU**
MOINS UN INSTRUMENT DE
MUSIQUE POURVU D'UN MANCHE OU
D'UN ELEMENT EFFILE SEMBLABLE,
EN PARTICULIER D'UNE GUITARE
OU GUITARE BASSE
[72] WILFER, HANS-PETER, DE
[71] WILFER, HANS-PETER, DE
[22] 2004-05-03
[41] 2004-12-17
[30] EP (03013708.7) 2003-06-17

[21] **2,466,206**
[13] A1
[51] **Int.Cl. 7A47B 53/02 7A47B 53/00**
7A47F 5/00
[25] EN
[54] **COMPACT, MODULAR STORAGE**
SYSTEM
[54] **SYSTEME COMPACT ET**
MODULAIRE D'ENTREPOSAGE
[72] JANICK, JAMES J., US
[72] WELCH, ROBERT J., US
[72] PETCAVAGE, JOSEPH R., US
[72] WELSCH, JOHN H., US
[71] METRO INDUSTRIES, INC., US
[22] 2004-05-03
[41] 2004-12-17
[30] US (10/462,598) 2003-06-17

[21] **2,466,231**
[13] A1
[51] **Int.Cl. 7H04L 1/08 7H04L 12/56**
[25] EN
[54] **TIME-AWARE BEST-EFFORT**
HOLE-FILLING RETRY METHOD AND
SYSTEM FOR NETWORK
COMMUNICATIONS
[54] **METHODE ET SYSTEME DE**
COMMUNICATIONS RESEAU
PERMETTANT LES REPRISES DE
REMPLISSAGE DES VIDES EN
FONCTION DU TEMPS ET DU
MEILLEUR EFFORT
[72] GROSSMAN, JOHN H., IV, US
[72] GREEN, DUSTIN L., US
[71] MICROSOFT CORPORATION, US
[22] 2004-05-04
[41] 2004-12-13
[30] US (10/461,797) 2003-06-13

[21] **2,466,458**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7G06F 17/00**
[25] EN
[54] **FAST START-UP FOR DIGITAL**
VIDEO STREAMS
[54] **SYSTEME DE DEMARRAGE**
RAPIDE POUR TRAINS DE
SEQUENCES VIDEO NUMERIQUE
[72] BALDWIN, JAMES ARMAND, US
[72] GREEN, DUSTIN L., US
[72] GROSSMAN, JOHN H., IV, US
[71] MICROSOFT CORPORATION, US
[22] 2004-05-05
[41] 2004-12-13
[30] US (10/460,949) 2003-06-13

[21] **2,466,745**
[13] A1
[51] **Int.Cl. 7H02K 1/06 7H02P 9/40**
[25] EN
[54] **MAGNETO GENERATOR FOR**
SELF-POWERED APPARATUSES
[54] **GENERATRICE**
MAGNETOELECTRIQUE POUR
APPAREILS AUTOALIMENTES
[72] REGAZZI, GIANNI, IT
[72] COCCHI, MANUEL, IT
[71] DUCATI ENERGIA S.P.A., IT
[22] 2004-05-10
[41] 2004-12-13
[30] IT (MI2003A 001198) 2003-06-13

[21] **2,466,782**
[13] A1
[51] **Int.Cl. 7B65B 7/02 7B65B 25/06**
[25] EN
[54] **AUTOMATIC NETTING**
PACKAGING MACHINE
[54] **MACHINE D'EMBALLAGE**
AUTOMATIQUE DANS UN FILET
[72] MAY, DENNIS J., US
[72] GRIGGS, SAMUEL D., US
[71] DELAWARE CAPITAL
FORMATION, INC., US
[22] 2004-05-11
[41] 2004-12-12
[30] US (60/478,077) 2003-06-12
[30] US (10/725,109) 2003-12-01

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[21] **2,466,797**
[13] A1

[51] **Int.Cl. 7F01D 5/14 7F01D 25/14 7F04D 29/38**
[25] EN
[54] **FAN BLADE PLATFORM FEATURE FOR IMPROVED BLADE-OFF PERFORMANCE**
[54] **PLATE-FORME D'AUBE DE TURBINE POUR UN RENDEMENT AMELIORE EN CAS DE DETACHEMENT DE L'AUBE**
[72] CRANE, NATHANE, US
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2004-05-10
[41] 2004-12-12
[30] US (10/461,520) 2003-06-12

[21] **2,466,823**
[13] A1

[51] **Int.Cl. 7A47L 9/16 7A47L 9/00**
[25] EN
[54] **DUST COLLECTING APPARATUS FOR A VACUUM CLEANER HAVING TWO CYCLONE CHAMBERS**
[54] **DEPOUSSIÈREUR POUR ASPIRATEUR A DEUX CHAMBRES CYCLONE**
[72] LEE, BYUNG-JO, KR
[72] PARK, JUNG-SEON, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2004-05-11
[41] 2004-12-16
[30] KR (2003-38645) 2003-06-16

[21] **2,467,027**
[13] A1

[51] **Int.Cl. 7B65B 13/02 7B65B 13/18**
[25] EN
[54] **STRAPPING MACHINE WITH IMPROVED CHUTE RELEASE SYSTEM**
[54] **CERCLEUSE AVEC SYSTEME AMELIORE DE LIBERATION DU MECANISME DE GUIDAGE**
[72] LININGER, JOSEPH E., US
[72] HABERSTROH, JAMES A., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-05-12
[41] 2004-12-17
[30] US (60/479,231) 2003-06-17
[30] US (10/702,389) 2003-11-05

[21] **2,467,038**
[13] A1

[51] **Int.Cl. 7B65B 13/02 7B65B 13/18**
[25] EN
[54] **STRAPPING MACHINE WITH ADJUSTABLE HEIGHT WORK SURFACE**
[54] **CERCLEUSE AVEC PLAN DE TRAVAIL A HAUTEUR REGLABLE**
[72] PEARSON, TIMOTHY B., US
[72] FLAUM, RUSSELL M., US
[72] BOBREN, ALLAN J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-05-12
[41] 2004-12-17
[30] US (60/479,231) 2003-06-17
[30] US (10/702,145) 2003-11-05

[21] **2,467,142**
[13] A1

[51] **Int.Cl. 7C12P 21/02 7C12N 15/70 7C12N 15/74**
[25] EN
[54] **IMPROVED METHOD FOR THE RECOMBINANT PRODUCTION OF POLYPEPTIDES**
[54] **METHODE AMELIOREE POUR LA PRODUCTION RECOMBINANTE DE POLYPEPTIDES**
[72] GRUENBECK, RAINER, DE
[72] KOPETZKI, ERHARD, DE
[72] POPP, FRIEDRICH, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2004-05-12
[41] 2004-12-12
[30] EP (03 012 295.6) 2003-06-12

[21] **2,467,190**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61K 7/075 7A61K 7/09**
[25] EN
[54] **HAIR TREATMENT COMPOSITIONS AND HAIR AFTERTREATMENT COMPOSITIONS FOR PROTECTION AGAINST DAMAGE BY CHEMICAL TREATMENT AND FOR THE REPAIR OF ALREADY DAMAGED HAIR COMPRISING AS ACTIVE SUBSTANCES ALKYLGUANIDINE COMPOUNDS**
[54] **COMPOSITIONS DE TRAITEMENT CAPILLAIRE ET COMPOSITIONS POUR LE TRAITEMENT SUBSEQUENT DES CHEVEUX CONSTITUEES DE COMPOSES D'ALKYLGUANIDINE A TITRE DE SUBSTANCES ACTIVES, AUX FINS DE PROTECTION CONTRE LES DOMMAGES DUS AUX TRAITEMENTS CHIMIQUES ET DE REPARATION DES CHEVEUX ENDOMMAGES**
[72] PASCALY, MATTHIAS, DE
[72] WEITEMEYER, CHRISTIAN, DE
[72] MUSS, PETER, DE
[72] FLINTROP, NICOLE, DE
[72] MACZKIEWITZ, URSULA, DE
[72] LERSCH, PETER, DE
[72] GRUENING, BURGHARD, DE
[71] GOLDSCHMIDT AG, DE
[22] 2004-05-13
[41] 2004-12-18
[30] EP (03013799.6) 2003-06-18

[21] **2,467,210**
[13] A1

[51] **Int.Cl. 7C09J 133/08 7C09J 133/02 7C09J 7/04**
[25] EN
[54] **REPULPABLE PSAS**
[54] **ADHESIFS AUTOCOLLANTS REPULPABLES**
[72] HUSEMANN, MARC, DE
[72] WESTPHAL, ANDREAS, DE
[72] ZOELLNER, STEPHAN, DE
[71] TESA AG, DE
[22] 2004-05-13
[41] 2004-12-17
[30] DE (10327 198.8) 2003-06-17

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[21] **2,467,255**
[13] A1

[51] **Int.Cl. 7B65B 13/02 7B65B 13/18**
[25] EN
[54] **STRAPPING MACHINE WITH PIVOTAL WORK SURFACES HAVING INTEGRAL CONVEYORS**
[54] **CERCLEUSE AVEC PLANS DE TRAVAIL A PIVOT ET CONVOYEURS INTEGRES**
[72] PEARSON, TIMOTHY B., US
[72] BOBREN, ALLAN J., US
[72] KROHN, CHRISTOPHER S., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-05-13
[41] 2004-12-17
[30] US (60/479,231) 2003-06-17
[30] US (10/701,729) 2003-11-05

[21] **2,467,257**
[13] A1

[51] **Int.Cl. 7B65B 13/02 7B65B 13/32**
[25] EN
[54] **STRAPPING MACHINE WITH PIVOTING WELD BLADE**
[54] **CERCLEUSE AVEC LAME DE SOUDAGE PIVOTANTE**
[72] PEARSON, TIMOTHY B., US
[72] HABERSTROH, JAMES A., US
[72] KOBIELLA, ROBERT J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-05-13
[41] 2004-12-17
[30] US (60/479,231) 2003-06-17
[30] US (10/701,976) 2003-11-05

[21] **2,467,322**
[13] A1

[51] **Int.Cl. 7B65B 13/02 7B65B 13/18**
[25] EN
[54] **STRAPPING MACHINE WITH AUTOMATIC CHUTE OPENING SYSTEM**
[54] **CERCLEUSE AVEC SYSTEME AUTOMATIQUE D'OUVERTURE DU MECANISME DE GUIDAGE**
[72] LININGER, JOSEPH E., US
[72] BOBREN, ALLAN J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-05-14
[41] 2004-12-17
[30] US (60/479,231) 2003-06-17
[30] US (10/701,814) 2003-11-05

[21] **2,467,448**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/26**
[25] EN
[54] **ADDRESSABLE FIBER NODE**
[54] **NOUD OPTIQUE ADDRESSABLE**
[72] WILLIAMS, CHRISTOPHER PIERCE, US
[72] GOULD, KENNETH, US
[71] TIME WARNER CABLE, A DIVISION OF TIME WARNER ENTERTAINMENT, US
[22] 2004-05-18
[41] 2004-12-17
[30] US (10/463,088) 2003-06-17

[21] **2,467,595**
[13] A1

[51] **Int.Cl. 7A01D 45/00 7A01D 45/30**
[25] EN
[54] **NATIVE SEED HARVESTER WITH CAM DESIGN**
[54] **RECOLTEUSE DE SEMENCES INDIGENES AVEC MECANISME A CAME**
[72] WRIGHT, BRAD W., US
[72] SANFORD, STEPHEN M., US
[72] ARBUCKLE, LEE, US
[72] SINDELAR, BRIAN W., US
[72] LARSEN, WILLIAM E., US
[71] ARBUCKLE RANCH, INC., US
[22] 2004-05-19
[41] 2004-12-12
[30] US (10/460,533) 2003-06-12

[21] **2,467,768**
[13] A1

[51] **Int.Cl. 7A61K 38/44 7A61P 17/00 7A61K 7/02 7C12Q 1/26 7A61K 7/40 7A61K 7/48 7G01N 33/53 7C12Q 1/68**
[25] EN
[54] **STIMULATION OF THE SYNTHESIS AND OF THE ACTIVITY OF AN ISOFORM OF LYSYL OXIDASE-LIKE LOXL FOR STIMULATING THE FORMATION OF ELASTIC FIBRES**
[54] **STIMULATION DE LA SYNTHESE ET DE L'ACTIVITE D'UNE ISOFORME DE LOXL (LYSYL OXIDASE-LIKE) AFIN DE STIMULER LA FORMATION DE FIBRES ELASTIQUES**
[72] BOUEZ, CHARBEL, FR
[72] ANDRE, VALERIE, FR
[72] SOMMER, PASCAL, FR
[72] PERRIER, ERIC, FR
[72] REYMERMIER, CORINNE, FR
[72] CENIZO, VALERIE, FR
[72] DAMOUR, ODILE, FR
[72] GLEYZAL, CLAUDINE, FR
[71] COLETICA, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[22] 2004-06-11
[41] 2004-12-13
[30] FR (03 07177) 2003-06-13

[21] **2,467,873**
[13] A1

[51] **Int.Cl. 7G02B 26/10 7H04N 1/191**
[25] EN
[54] **IMAGING DEVICE FOR A PRINTING FORM AND METHOD FOR ARRANGING OPTICAL COMPONENTS IN THE IMAGING DEVICE**
[54] **IMAGEUR POUR FORME D'IMPRESSON ET METHODE POUR CONFIGURER LES COMPOSANTS OPTIQUES DANS L'IMAGEUR**
[72] SEIBERT, CLAUS, DE
[71] HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT, DE
[22] 2004-05-20
[41] 2004-12-16
[30] DE (103 26 923.4) 2003-06-16

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[21] **2,467,997**
[13] A1

[51] **Int.Cl. 7F16C 33/10 7F04B 47/06 7F04D 29/06 7E21B 43/12 7F04B 53/18 7F16C 33/66**
[25] EN
[54] **SELF-LUBRICATING CERAMIC DOWNHOLE BEARINGS**
[54] **PALIERS CERAMIQUE DE FOND DE Puits AUTOLUBRIFIANTS**
[72] BUCHANAN, STEVEN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-05-21
[41] 2004-12-18
[30] US (10/464,586) 2003-06-18

[21] **2,468,274**
[13] A1

[51] **Int.Cl. 7H02G 3/06**
[25] EN
[54] **RANGE TAKING SNAP-IN CONNECTOR**
[54] **CONNECTEUR ENCLIQUETABLE A PRISE DE CALIBRE**
[72] PYRON, ROGER, US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2004-05-25
[41] 2004-12-13
[30] US (60/478,724) 2003-06-13
[30] US (60/512,582) 2003-10-17

[21] **2,468,276**
[13] A1

[51] **Int.Cl. 7A23L 1/00 7A21D 13/00 7A23L 3/00**
[25] EN
[54] **FOOD PRODUCTS HAVING MOISTURE RELEASE SYSTEM FOR MAINTAINING TEXTURE DURING SHELF LIFE**
[54] **PRODUITS ALIMENTAIRES DOTES D'UN SYSTEME DE REGULATION DE LA TENEUR EN EAU POUR PRESERVER LA TEXTURE AU COURS DE LA PERIODE DE CONSERVABILITE AU DETAIL**
[72] GOANKAR, ANILKUMAR GANAPATI, US
[72] HERBST, LAURA, US
[72] MIKLUS, MICHAEL B., US
[72] CHEN, WEI-ZHI, US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2004-05-25
[41] 2004-12-16
[30] US (10/463,178) 2003-06-16

[21] **2,468,284**
[13] A1

[51] **Int.Cl. 7B62D 55/112 7B60G 13/06 7F16F 9/10**
[25] EN
[54] **SPRING-LESS MONOTUBE SHOCK ABSORBER**
[54] **AMORTISSEUR MONOTUBE SANS RESSORT**
[72] FAREWELL, RONALD W., CA
[71] ARVINMERITOR TECHNOLOGY, LLC., US
[22] 2004-05-25
[41] 2004-12-18
[30] US (10/464,191) 2003-06-18

[21] **2,468,287**
[13] A1

[51] **Int.Cl. 7B60G 17/015**
[25] EN
[54] **ATV COIL SPRING PRELOAD EQUALIZING ADJUSTER**
[54] **EGALISATEUR DE PRECHARGE DE RESSORT A BOUDIN POUR VEHICULE TOUT TERRAIN**
[72] VERRIET, FRANK, CA
[71] ARVIN TECHNOLOGIES, INC., US
[22] 2004-05-25
[41] 2004-12-17
[30] US (10/463,162) 2003-06-17

[21] **2,468,651**
[13] A1

[51] **Int.Cl. 7G01N 33/50 7A61K 45/00 7C12Q 1/02 7A61K 49/16 7A61P 25/28 7A61K 39/395 7G01N 33/53 7C12Q 1/68**
[25] EN
[54] **DETECTION OF NEURODEGENERATIVE DISEASES**
[54] **DETECTION DE MALADIES NEURODEGENERATIVES**
[72] DIAMANDIS, ELEFTHERIOS P., CA
[71] MOUNT SINAI HOSPITAL, CA
[22] 2004-06-14
[41] 2004-12-13
[30] US (60/478,486) 2003-06-13

[51] **Int.Cl. 7B62D 55/112 7B60G 13/06 7F16F 9/10**
[25] EN
[54] **SPRING-LESS MONOTUBE SHOCK ABSORBER**
[54] **AMORTISSEUR MONOTUBE SANS RESSORT**
[72] FAREWELL, RONALD W., CA
[71] ARVINMERITOR TECHNOLOGY, LLC., US
[22] 2004-05-25
[41] 2004-12-18
[30] US (10/464,191) 2003-06-18

[21] **2,469,169**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/26**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINATION OF NETWORK TOPOLOGY**
[54] **METHODE ET APPAREIL PERMETTANT DE DETERMINER LA TOPOLOGIE DE RESEAU**
[72] MELOCHE, JEAN, US
[72] RAO, BALAJI, US
[72] DENBY, LORRAINE, US
[72] ADHIKARI, AKSHAY, US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2004-05-28
[41] 2004-12-12
[30] US (10/460,700) 2003-06-12

[21] **2,469,190**
[13] A1

[51] **Int.Cl. 7B32B 27/28**
[25] EN
[54] **MULTILAYER COEXTRUSIONS**
[54] **PRODUITS COEXTRUDES MULTICOUCHES**
[72] HUNG, CHRIS K., US
[72] PACHOLOK, TREVOR DEAN, US
[72] DONNELLY, KAREN D., US
[72] ROBERTS, ROBERT DORVILLE, US
[72] KWOK, JOHN CHI HEE, US
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2004-05-28
[41] 2004-12-12
[30] US (60/477,824) 2003-06-12

[21] **2,469,289**
[13] A1

[51] **Int.Cl. 7F03B 1/00**
[25] EN
[54] **IMPULSE TURBINE, PARTICULARLY OF THE REVERSIBLE TYPE**
[54] **TURBINE A ACTION, EN PARTICULIER DU TYPE REVERSIBLE**
[72] BAROZZI, PIETRO, IT
[71] BAROZZI, PIETRO, IT
[22] 2004-05-31
[41] 2004-12-13
[30] EP (03425384.9) 2003-06-13

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[21] **2,469,365**
[13] A1
[51] **Int.Cl. 7E04B 1/62 7E04B 2/00 7E02D 31/02**
[25] EN
[54] **MOISTURE DRAINAGE PRODUCT, WALL SYSTEM INCORPORATING SUCH PRODUCT AND METHOD THEREFORE**
[54] **PRODUIT D'EVACUATION DE L'HUMIDITE, SYSTEME MURAL COMPRENANT CE PRODUIT ET METHODE CONNEXE**
[72] KOESTER, JOHN H., US
[71] MASONRY TECHNOLOGY, INC., US
[22] 2004-05-28
[41] 2004-12-18
[30] US (10/464063) 2003-06-18

[21] **2,469,394**
[13] A1
[51] **Int.Cl. 7H04L 12/26 7H04L 29/02 7H04L 12/24**
[25] EN
[54] **DISTRIBUTED MONITORING AND ANALYSIS SYSTEM FOR NETWORK TRAFFIC**
[54] **SYSTEME REPARTI DE SURVEILLANCE ET D'ANALYSE DE TRAFIC DE RESEAU**
[72] MALLOWS, COLIN L., US
[72] DENBY, LORRAINE, US
[72] BIANCO, SCOTT VINCENT, US
[72] VARDI, YEHUDA, US
[72] ADHIKARI, AKSHAY, US
[72] RAO, BALAJI, US
[72] SULLIVAN, SHANE M., US
[72] MELOCHE, JEAN, US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2004-05-31
[41] 2004-12-12
[30] US (10/459,948) 2003-06-12

[21] **2,469,534**
[13] A1
[51] **Int.Cl. 7C09K 21/02 7C01B 31/04**
[25] EN
[54] **THE USE OF THERMALLY EXPANDABLE GRAPHITE INTERCALATION COMPOUNDS FOR PRODUCING FIRE-PROTECTION SEALS AND METHOD FOR THEIR PRODUCTION**
[54] **L'UTILISATION DE COMPOSES D'INSERTION A BASE DE GRAPHITE THERMOEXTENSIBLES POUR LA PRODUCTION DE JOINTS DE PROTECTION CONTRE LES INCENDIES ET METHODE POUR LEUR PRODUCTION**
[72] REINHEIMER, ARNE, DE
[72] WENZEL, ANTJE, DE
[72] MUENZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2004-06-01
[41] 2004-12-18
[30] DE (10329889.4-43) 2003-06-18

[21] **2,469,729**
[13] A1
[51] **Int.Cl. 7F02M 35/104 7F16K 15/00 7F02M 35/108**
[25] EN
[54] **INTAKE MANIFOLD COLLECTEUR D'ADMISSION**
[72] KITO, KAZUYORI, JP
[72] IKUMA, TOMONORI, JP
[71] MIKUNI CORPORATION, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 2004-06-03
[41] 2004-12-13
[30] JP (2003-168880) 2003-06-13

[21] **2,469,982**
[13] A1
[51] **Int.Cl. 7C09J 5/00**
[25] EN
[54] **SYSTEMS AND METHODS OF BONDING MATERIALS**
[54] **SYSTEMES ET METHODES DE COLLAGE DE PIECES**
[72] HILL, DAVID A., US
[71] HILL, DAVID A., US
[22] 2004-06-04
[41] 2004-12-13
[30] US (60/478,283) 2003-06-13
[30] US (10/638,104) 2003-08-07

[21] **2,469,993**
[13] A1
[51] **Int.Cl. 7F02C 7/00 7F01D 25/00**
[25] EN
[54] **METHODS AND APPARATUS FOR INJECTING CLEANING FLUIDS INTO COMBUSTORS**
[54] **METHODES ET DISPOSITIF D'INJECTION DE LIQUIDES DE NETTOYAGE DANS DES CHAMBRES DE COMBUSTION**
[72] SEBEIKA, STEPHEN THOMAS, US
[72] REBACK, SCOTT MITCHELL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-06-03
[41] 2004-12-18
[30] US (10/464,596) 2003-06-18

[21] **2,470,065**
[13] A1
[51] **Int.Cl. 7C07D 285/24 7A61K 31/548**
[25] FR
[54] **NOUVEAUX DERIVES DE BENZOTHIAZINE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW DERIVATIVES OF BENZOTHIAZINE, THE PROCESS FOR THE PREPARATION THEREOF, AND THE PHARMACEUTICAL COMPOUNDS CONTAINING THEM**
[72] DESOS, PATRICE, FR
[72] CORDI, ALEX, FR
[72] LESTAGE, PIERRE, FR
[71] LES LABORATOIRES SERVIER, FR
[22] 2004-06-11
[41] 2004-12-13
[30] FR (03/07117) 2003-06-13

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[21] **2,470,073**
[13] A1

[51] **Int.Cl. 7F01D 5/30**
[25] FR
[54] **AMELIORATION DE LA CAPACITE DE RETENTION D'UNE AUBE A ATTACHE MARTEAU DISSYMETRIQUE A L'AIDE DES RAIDISSEURS DE PLATES-FORMES**
[54] **IMPROVEMENT OF THE RETENTION CAPABILITY OF AN ASYMMETRICAL HAMMER ATTACHMENT BLADE AIDED BY PLATFORM STIFFENERS**
[72] PONTOIZEAU, BRUCE, FR
[72] MACE, JEROME, FR
[72] FOLLONIER, CHRISTOPHE, FR
[72] REGHEZZA, PATRICK, FR
[72] LEJARS, CLAUDE, FR
[71] SNECMA MOTEURS, FR
[22] 2004-06-15
[41] 2004-12-16
[30] FR (03 07214) 2003-06-16

[21] **2,470,076**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61K 7/00 7A61K 7/02**
[25] FR
[54] **UTILISATION DE (2S,3R,4S)-4-HYDROXYISOLEUCINE DANS DES COMPOSITIONS COSMETIQUES POUR APPLICATION TOPIQUE**
[54] **USE OF (2S,3R,4S)-4-HYDROXYISOLEUCINE IN COSMETIC COMPOUNDS FOR TOPICAL APPLICATION**
[72] ZHU WANG, QIAN, FR
[72] SASAKI, NOBUMICHI ANDRE, FR
[72] OUAZZANI, JAMAL, FR
[72] RODELET, JEAN-FRANCOIS, FR
[72] POTIER, PIERRE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[71] CASTER, FR
[22] 2004-06-16
[41] 2004-12-18
[30] FR (0307358) 2003-06-18

[21] **2,470,169**
[13] A1

[51] **Int.Cl. 7B60P 3/35 7B60P 7/02 7E04H 15/06**
[25] EN
[54] **COMBINATION TRUCK-BOX COVER AND COLLAPSIBLE SHELTER**
[54] **COUVRE-CAISSE DE CAMION ET ABRI PLIANT COMBINES**
[72] VAILLANCOURT, DAVID E., CA
[71] VAILLANCOURT, DAVID E., CA
[22] 2004-06-15
[41] 2004-12-16
[30] US (10/461,492) 2003-06-16

[21] **2,470,219**
[13] A1

[51] **Int.Cl. 7B41L 39/00**
[25] EN
[54] **TRANSFER ROLL ENGAGEMENT METHOD FOR MINIMIZING MOTION QUALITY DISTURBANCES**
[54] **METHODE D'ENTRAINEMENT DU ROULEAU DE TRANSFERT POUR REDUIRE AU MINIMUM LES PERTURBATIONS DE LA QUALITE DU MOUVEMENT**
[72] WILLIAMS, VINCENT M., US
[72] CALAMITA, JAMES P., US
[71] XEROX CORPORATION, US
[22] 2004-06-07
[41] 2004-12-13
[30] US (10/462,340) 2003-06-13

[21] **2,470,223**
[13] A1

[51] **Int.Cl. 7C08L 79/08 7B29D 31/00 7C08L 77/00 7C08L 35/02**
[25] EN
[54] **COMPATIBLE BLENDS OF THERMOPLASTIC MOLDING COMPOSITIONS**
[54] **MELANGES COMPATIBLES DE COMPOSITIONS DE MOULAGE THERMOPLASTIQUES**
[72] TEBBE, HEIKO, DE
[72] MUELLER, VOLKER, DE
[71] RHEIN CHEMIE RHEINAU GMBH, DE
[22] 2004-06-07
[41] 2004-12-12
[30] DE (10326380.2) 2003-06-12

[21] **2,470,263**
[13] A1

[51] **Int.Cl. 7C07D 285/24 7A61K 31/548**
[25] FR
[54] **NOUVEAU DERIVES DE BENZOTHIAZINE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW BENZOTHIAZINE DERIVATIVES, THEIR PROCESS OF PRODUCTION AND PHARMACEUTICAL COMPOSITIONS CONTAINED THEREIN**
[72] DESOS, PATRICE, FR
[72] CORDI, ALEX, FR
[72] LESTAGE, PIERRE, FR
[71] LES LABORATOIRES SERVIER, FR
[22] 2004-06-11
[41] 2004-12-13
[30] FR (03/07118) 2003-06-13

[21] **2,470,265**
[13] A1

[51] **Int.Cl. 7B41K 1/38 7B41J 2/175**
[25] FR
[54] **MACHINE D'AFFRANCHISSEMENT A DISPOSITIF D'ALIMENTATION EN ENCRE INTEGRE**
[54] **POSTAGE METER WITH INTEGRATED INK FEED DEVICE**
[72] TORCHE, FABIEN, FR
[72] DUVAL, HERVE, FR
[72] DESIRE, REGIS, FR
[71] NEOPOST INDUSTRIE, FR
[22] 2004-06-11
[41] 2004-12-16
[30] FR (03 07215) 2003-06-16

[21] **2,470,266**
[13] A1

[51] **Int.Cl. 7B66B 7/06 7B66B 5/04**
[25] FR
[54] **SYSTEME DE LEVAGE ET DE STABILISATION D'UN SUPPORT DE CHARGE SUSPENDU**
[54] **SYSTEM FOR RAISING AND STABILIZING A SUSPENDED LOAD SUPPORT**
[72] MANGIN, ROGER, FR
[71] SECALT S.A., LU
[22] 2004-06-08
[41] 2004-12-13
[30] LU (LU 91026) 2003-06-13

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[21] **2,470,273**
[13] A1
[51] **Int.Cl. 7F16L 53/00 7F02M 31/02 7F16B 7/04 7H05B 3/06**
[25] EN
[54] **HEATING DEVICE WITH AN ELECTRICAL HEAT SOURCE FOR HEATING A FLUID IN A FLUID LINE OF A MOTOR VEHICLE**
[54] **RECHAUFFEUR AVEC SOURCE DE CHAUFFAGE ELECTRIQUE POUR RECHAUFFAGE D'UNE CANALISATION DE LIQUIDE DE VEHICULE MOTORISE**
[72] BOEHM, JUERGEN, DE
[72] WICKEL, UWE, DE
[72] RASTETTER, MARC, DE
[72] BAUER, ANDREAS, DE
[72] STRAUSS, OLIVER, DE
[72] BAHNER, FRANK, DE
[71] RASMUSSEN GMBH, DE
[22] 2004-06-08
[41] 2004-12-14
[30] DE (103 26 894.4) 2003-06-14

[21] **2,470,278**
[13] A1
[51] **Int.Cl. 7A01D 57/00**
[25] EN
[54] **A FEEDER ROLLER**
[54] **CYLINDRE D'ALIMENTATION**
[72] SCHULZ, STEVEN THEODORE, AU
[71] SCHULZ, STEVEN THEODORE, AU
[22] 2004-06-08
[41] 2004-12-12
[30] AU (2003902952) 2003-06-12

[21] **2,470,286**
[13] A1
[51] **Int.Cl. 7C08K 3/10 7C01F 5/14 7C01F 5/22 7C08K 3/22**
[25] EN
[54] **A LONG TERM-STABILIZED SUSPENSION FOR COVERING IRON MINERAL, AND A PROCESS FOR ITS PRODUCTION**
[54] **UNE SUSPENSION STABILISEE A LONG TERME POUR RECOUVRIRE DES MINERAIS DE FER ET UN PROCEDE POUR SA PRODUCTION**
[72] BENAVIDES-PEREZ, RICARDO, MX
[72] BOCANEGRA-ROJAS, JOSE-GERTRUDIS, MX
[72] ZERTUCHE-RODRIGUEZ, CESAR-EMILIO, MX
[71] SERVICIOS INDUSTRIALES PENOLES S.A. DE C.V., MX
[22] 2004-06-07
[41] 2004-12-18
[30] BR (PI 0302076-2) 2003-06-18

[21] **2,470,301**
[13] A1
[51] **Int.Cl. 7H01J 61/42 7H01J 61/48**
[25] EN
[54] **DISCHARGE LAMP HAVING TWO-BAND PHOSPHOR**
[54] **LAMPE A DECHARGE COMPORTANT DEUX BANDES DE PHOSPHORE**
[72] MUELLER, ULRICH, DE
[72] JERMANN, FRANK, DE
[72] ZACHAU, MARTIN, DE
[72] HUBER, GUENTER, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2004-06-08
[41] 2004-12-13
[30] DE (103 26 755.7) 2003-06-13

[21] **2,470,317**
[13] A1
[51] **Int.Cl. 7B28B 1/16 7B32B 18/00 7B32B 31/00 7B28C 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING SUBSTANTIALLY PLATE-LIKE CERAMIC ARTICLES**
[54] **METHODE ET APPAREIL POUR FORMER DES ARTICLES EN CERAMIQUE PRATIQUEMENT PLATS**
[72] MORANDI, EUGENIO, IT
[71] OFFICINE MORANDI S.R.L., IT
[22] 2004-06-08
[41] 2004-12-13
[30] IT (MO2003A000174) 2003-06-13

[21] **2,470,328**
[13] A1
[51] **Int.Cl. 7G01N 27/26**
[25] EN
[54] **SENSOR FORMAT AND CONSTRUCTION METHOD FOR CAPILLARY-FILLED DIAGNOSTIC SENSORS**
[54] **FORMAT ET METHODE DE FABRICATION DE CAPTEURS DE DIAGNOSTIC A CAPILLAIRES**
[72] WOGOMAN, FRANK W., US
[71] BAYER HEALTHCARE LLC, US
[22] 2004-06-08
[41] 2004-12-12
[30] US (60/477,739) 2003-06-12

[21] **2,470,343**
[13] A1
[51] **Int.Cl. 7B03D 1/012 7B03D 1/12**
[25] FR
[54] **COMPOSITION DE MERCAPTANS UTILISABLE DANS UN PROCEDE DE FLOTTATION DE MINERAIS**
[54] **COMPOUND OF MERCAPTANS USABLE IN AN ORE FLOATING PROCESS**
[72] COMMARIEU, ANNIE, FR
[72] AUBERT, THIERRY, FR
[72] ANGLEROT, DIDIER, FR
[71] ATOFINA, FR
[22] 2004-06-09
[41] 2004-12-16
[30] FR (03.07180) 2003-06-16
[30] FR (04.03696) 2004-04-08

[21] **2,470,390**
[13] A1
[51] **Int.Cl. 7A61B 17/28 7A61B 18/04**
[25] EN
[54] **METHOD OF MANUFACTURING JAW ASSEMBLY FOR VESSEL SEALER AND DIVIDER**
[54] **METHODE DE FABRICATION D'UNE MACHOIRE POUR SCHELLEUSE-DIVISEUSE DE RECIPIENTS**
[72] PATEL, NAVIN K., US
[72] SREMCICH, PAUL S., US
[72] HAMPTON, JOHN E., US
[72] MILLER, KEITH E., US
[72] PETERSON, DARION, US
[71] SHERWOOD SERVICES AG, CH
[22] 2004-06-07
[41] 2004-12-13
[30] US (10/462,121) 2003-06-13

[21] **2,470,398**
[13] A1
[51] **Int.Cl. 7B65G 27/32**
[25] EN
[54] **VIBRATORY FEEDER FOR TRANSPORTING OBJECTS IN A CURVED PATH**
[54] **ALIMENTATEUR VIBRATOIRE POUR LE TRANSPORT D'OBJETS SUR UNE TRAJECTOIRE COURBE**
[72] MARKOWSKI, ROBERT, US
[72] DICKINSON, ERIC, US
[72] CHRISTOPHERSON, KURT, US
[72] KRAUS, RICHARD B., US
[71] GENERAL KINEMATICS CORPORATION, US
[22] 2004-06-07
[41] 2004-12-12
[30] US (10/460,702) 2003-06-12

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[21] **2,470,425**
[13] A1

[51] **Int.Cl. 7G06F 17/00**
[25] EN
[54] **WEB PAGE RENDERING MECHANISM USING EXTERNAL PROGRAMMATIC THEMES**
[54] **MECANISME DE CREATION DE PAGE WEB FONDE SUR DES THEMES PROGRAMMATIQUES EXTERNES**
[72] YANG, TING-HAO, US
[72] NIYOGI, SHANKU S., US
[72] HOWARD, ROBERT M., US
[72] EBBO, DAVID SERGE, US
[72] GUTHRIE, SCOTT DAVID, US
[72] CRONEY, JOSEPH K., US
[71] MICROSOFT CORPORATION, US
[22] 2004-06-09
[41] 2004-12-13
[30] US (10/461,781) 2003-06-13

[21] **2,470,428**
[13] A1

[51] **Int.Cl. 7H01Q 21/00**
[25] EN
[54] **ANTENNA SYSTEM INCLUDING SIMULTANEOUS PHASE AIDING AND PHASE CANCELING ELEMENTS**
[54] **SYSTEME D'ANTENNE INCLUANT SIMULTANEMENT DES ELEMENTS DE LA PHASE D'AJOUT ET D'ANNULATION DE LA PHASE**
[72] BALCH, BRENT F., US
[72] SPALDING, TOM, IE
[72] O'CONNELL, JOHN, IE
[72] HURD, WILLIAM H., IE
[71] SENSORMATIC ELECTRONICS CORPORATION, US
[22] 2004-06-09
[41] 2004-12-16
[30] US (60/478,942) 2003-06-16

[21] **2,470,451**
[13] A1

[51] **Int.Cl. 7F24C 7/08**
[25] EN
[54] **MULTIPLE CURRENT SUPPLY CONTROL SYSTEM FOR A COOKING APPLIANCE**
[54] **SYSTEME DE COMMANDE D'ALIMENTATION EN COURANT MULTIPLE POUR APPAREIL DE CUISSON**
[72] WHIPPLE, ROBERT Z., JR., US
[71] MAYTAG CORPORATION, US
[22] 2004-06-09
[41] 2004-12-12
[30] US (10/459,486) 2003-06-12

[21] **2,470,458**
[13] A1

[51] **Int.Cl. 7H04L 12/20 7H04L 12/56**
[25] EN
[54] **AUDIO COMMUNICATION BANDWIDTH MANAGEMENT SYSTEM, METHOD AND PROGRAM FOR THE SAME, COMMUNICATION CONNECTION SERVER, AND NETWORK APPARATUS**
[54] **SYSTEME, METHODE ET PROGRAMME DE GESTION DE LARGEUR DE BANDE DE COMMUNICATION AUDIO, SERVEUR DE CONNEXION DE COMMUNICATION ET APPAREIL DE RESEAU**
[72] MIYAMOTO, REI, JP
[71] NEC CORPORATION, JP
[22] 2004-06-09
[41] 2004-12-12
[30] JP (2003-167417) 2003-06-12

[21] **2,470,546**
[13] A1

[51] **Int.Cl. 7H04L 7/06 7H04H 1/00 7H03L 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING CARRIER SYNCHRONIZATION IN DIGITAL BROADCAST AND INTERACTIVE SYSTEMS**
[54] **METHODE ET APPAREILS DE SYNCHRONISATION DE PORTEUSE DANS DES SYSTEMES INTERACTIFS ET DES SYSTEMES DE DIFFUSION NUMERIQUE**
[72] LEE, LIN-NAN, US
[72] BECKER, NEAL, US
[72] JIANG, YIMIN, US
[72] SUN, FENG-WEN, US
[71] THE DIRECTV GROUP, INC., US
[22] 2004-06-09
[41] 2004-12-13
[30] US (60/478,376) 2003-06-13
[30] US (60/482,111) 2003-06-24
[30] US (60/482,117) 2003-06-24
[30] US (10/816,385) 2004-04-01
[30] US (10/842,325) 2004-05-10

[21] **2,470,558**
[13] A1

[51] **Int.Cl. 7D01D 5/24**
[25] EN
[54] **DEVICE FOR PRODUCING FILAMENTS**
[54] **DISPOSITIF DE FABRICATION DE FILAMENTS**
[72] BAUMEISTER, MICHAEL, DE
[71] REIFENHAEUSER GMBH & CO. MASCHINENFABRIK, DE
[22] 2004-06-09
[41] 2004-12-13
[30] EP (03 013 506.5-1217) 2003-06-13

[21] **2,470,596**
[13] A1

[51] **Int.Cl. 7F23N 5/00 7F22B 35/00 7F23N 3/08**
[25] EN
[54] **ENHANCING COMBUSTION WITH VARIABLE COMPOSITION PROCESS GAS**
[54] **COMBUSTION AMELIOREE DE GAZ DE SYNTHESE DE COMPOSITION VARIABLE**
[72] NEUMEISTER, LAWRENCE DWAYNE, CA
[71] SPARTAN CONTROLS LTD., CA
[22] 2004-06-10
[41] 2004-12-16
[30] US (10/463,236) 2003-06-16

[21] **2,470,599**
[13] A1

[51] **Int.Cl. 7F02M 35/108 7F02B 29/00 7F02M 23/09 7B29C 45/14**
[25] EN
[54] **DUAL PORT INTAKE DEVICE FOR AN INTERNAL COMBUSTION ENGINE FORMED BY INJECTION MOLDING**
[54] **DISPOSITIF D'ADMISSION A DOUBLE ORIFICE POUR MOTEUR A COMBUSTION, FORME PAR MOULAGE PAR INJECTION**
[72] KITO, KAZUYORI, JP
[72] IKUMA, TOMONORI, JP
[71] MIKUNI CORPORATION, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-06-10
[41] 2004-12-13
[30] JP (2003-168899) 2003-06-13
[30] JP (2003-168909) 2003-06-13
[30] JP (2003-168914) 2003-06-13

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[13] A1
[51] **Int.Cl. 7B65B 41/12**
[25] EN
[54] **PACKAGING MACHINE**
[54] **CONDITIONNEUSE**
[72] NATTERER, JOHANN, DE
[71] MULTIVAC SEPP HAGGENMULLER
GMBH & CO. KG, DE
[22] 2004-06-10
[41] 2004-12-13
[30] DE (103 26 727.1) 2003-06-13

[21] **2,470,615**
[13] A1
[51] **Int.Cl. 7A47C 7/24 7B29D 7/01**
7A47C 21/02 7B32B 3/06
[25] EN
[54] **MEMBER FOR ENGAGING AND**
CONNECTING SHEETS, SHEETS
HAVING SAID MEMBER, MOLDED
ARTICLE USING SAID MEMBER AND
PROCESS FOR PRODUCING SAID
MOLDED ARTICLE
[54] **ELEMENT D'ENGAGEMENT ET**
DE RACCORDEMENT DE FEUILLES,
FEUILLES COMPORTANT CET
ELEMENT, ARTICLE MOULE
UTILISANT CET ELEMENT ET
PROCESSUS DE FABRICATION DE
CET ARTICLE MOULE
[72] OGAWA, SHIRO, JP
[72] TANOKURA, TOORU, JP
[72] LAM, ROBERT, JP
[72] BILLARANT, FABRICE, JP
[71] KURARAY CO., LTD., JP
[71] APLIX, FR
[22] 2004-06-10
[41] 2004-12-12
[30] JP (2003-167754) 2003-06-12

[21] **2,470,659**
[13] A1
[51] **Int.Cl. 7G01N 33/49 7A61B 5/00**
7B65D 85/00 7G01N 33/48 7B65D 25/52
7G01N 33/66
[25] EN
[54] **CONTAINERS FOR READING AND**
HANDLING DIAGNOSTIC REAGENTS
AND METHODS OF USING THE SAME
[54] **CONTENANTS PERMETTANT LA**
LECTURE ET LA MANUTENTION DE
REACTIFS DE DIAGNOSTIC ET
METHODES D'UTILISATION
CONNEXES
[72] CHARLTON, STEVEN C., US
[71] BAYER HEALTHCARE LLC, US
[22] 2004-06-10
[41] 2004-12-18
[30] US (60/479,170) 2003-06-18

[21] **2,470,688**
[13] A1
[51] **Int.Cl. 7G03G 21/00 7G03G 21/14**
[25] EN
[54] **METHOD OF DETERMINING A**
CHARGING DEVICE PRE-FAULT
STATUS, A PRINTING MACHINE
ARRANGED WITH THE SAME
METHOD, A METHOD OF FORMING A
CHARGING DEVICE SERVICE
MESSAGE AND A METHOD OF
TRIGGERING A CLEANING CYCLE
[54] **METHODE DE DETERMINATION**
DE L'ETAT DE PRE-DEFAILLANCE
D'UN DISPOSITIF DE CHARGE,
MACHINE A IMPRIMER UTILISANT
CETTE METHODE, METHODE DE
MISE EN FORME D'UN MESSAGE DE
SERVICE DE DISPOSITIF DE CHARGE
ET METHODE DE DECLenchement
D'UN CYCLE DE NETTOYAGE
[72] WAYMAN, WILLIAM H., US
[71] XEROX CORPORATION, US
[22] 2004-06-10
[41] 2004-12-16
[30] US (10/462,329) 2003-06-16

[21] **2,470,706**
[13] A1
[51] **Int.Cl. 7A63B 53/04**
[25] EN
[54] **GOLF PUTTER HEAD WITH**
INCREASED DIMENSIONS AND
INCREASED MOMENT OF INERTIA
[54] **TETE DE FER DROIT DE GOLF DE**
DIMENSIONS SUPERIEURES ET
MOMENT D'INERTIE SUPERIEUR
[72] SERRANO, ANTHONY D., US
[72] SOUZA, JOHN C., US
[71] KARSTEN MANUFACTURING
CORPORATION, US
[22] 2004-06-11
[41] 2004-12-16
[30] US (10/462,899) 2003-06-16

[21] **2,470,710**
[13] A1
[51] **Int.Cl. 7E05C 19/00**
[25] EN
[54] **IMPROVED LOCK FOR**
BIDIRECTIONAL DOORS
[54] **VERROU DE PORTE AMELIORE**
POUR PORTES DIRECTIONNELLES
[72] LUKER, GRAHAM JAMES, AU
[71] TRIMEC TECHNOLOGY PTY.
LIMITED, AU
[22] 2004-06-10
[41] 2004-12-12
[30] AU (2003902925) 2003-06-12

[21] **2,470,713**
[13] A1
[51] **Int.Cl. 7F42B 12/78 7B21K 21/06**
7B23P 15/22
[25] EN
[54] **BULLET JACKET AND METHOD**
FOR THE MANUFACTURE THEREOF
[54] **ENSEMBLE PARE-BALLES ET**
METHODE DE FABRICATION
CONNEXE
[72] LEBLANC, RUSSELL P., CA
[72] KYLE, BARRY W., CA
[71] GREEN-KORE INC., CA
[22] 2004-06-11
[41] 2004-12-12
[30] CA (2,432,112) 2003-06-12

[21] **2,470,722**
[13] A1
[51] **Int.Cl. 7B27K 3/06**
[25] EN
[54] **DEVICE FOR DRYING OR**
STEAMING STACKED WOOD IN A
TREATMENT ROOM
[54] **DISPOSITIF DE SECHAGE OU**
D'ETUVAGE DE BOIS EMPILE DANS
UNE SALLE DE TRAITEMENT
[72] MUEHLBOECK, KURT, AT
[71] MUEHLBOECK, KURT, AT
[22] 2004-06-11
[41] 2004-12-13
[30] AT (A 922/2003) 2003-06-13

[21] **2,470,725**
[13] A1
[51] **Int.Cl. 7G06F 17/20 7G06K 9/00**
[25] EN
[54] **DIGITAL INK ANNOTATION**
PROCESS AND SYSTEM FOR
RECOGNIZING ANCHORING AND
REFLOWING DIGITAL INK
ANNOTATIONS
[54] **PROCEDE D'ANNOTATION A**
L'ENCRE NUMERIQUE ET SYSTEME
DE RECONNAISSANCE D'ANCRAGE
ET DE REFORMATAGE
D'ANNOTATIONS A L'ENCRE
NUMERIQUE
[72] SHILMAN, MICHAEL, US
[72] MOSCOVICH, TOMER, US
[72] BARGERON, DAVID M., US
[72] WEI, ZILE, US
[71] MICROSOFT CORPORATION, US
[22] 2004-06-10
[41] 2004-12-13
[30] US (10/460,999) 2003-06-13

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[21] **2,470,732**
[13] A1

[51] **Int.Cl. 7A61M 31/00**
[25] EN
[54] **METHOD FOR MANUFACTURING AN ORIFICE MECHANISM CAPABLE OF LOW FLUID FLOW RATES**
[54] **METHODE DE FABRICATION D'UN MECANISME A ORIFICE POUR FAIBLES DEBITS DE FLUIDE**
[72] RUSSELL, SCOTT M., US
[71] CORDIS CORPORATION, US
[22] 2004-06-11
[41] 2004-12-12
[30] US (10/460,554) 2003-06-12

[21] **2,470,736**
[13] A1

[51] **Int.Cl. 7F16L 55/04 7F16L 33/01 7B62D 5/06 7F16L 11/08**
[25] EN
[54] **TUNING CABLE**
[54] **CABLE D'ACCORD**
[72] DAVIS, MYLES E., US
[71] DANA CORPORATION, US
[22] 2004-06-11
[41] 2004-12-13
[30] US (10/461,700) 2003-06-13

[21] **2,470,737**
[13] A1

[51] **Int.Cl. 7G08C 17/00**
[25] EN
[54] **WIRELESS TEST DATA TRANSMISSION APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE TRANSMISSION DE DONNEES D'ESSAI SANS FIL**
[72] KOCHIE, ROBERT, US
[71] SPX CORPORATION, US
[22] 2004-06-11
[41] 2004-12-16
[30] US (10/461,372) 2003-06-16

[21] **2,470,740**
[13] A1

[51] **Int.Cl. 7E21F 5/20 7B01D 47/06**
[25] EN
[54] **DUST CATCHER**
[54] **COLLECTEUR DE POUSSIERE**
[72] BOTH, REINHOLD, DE
[71] CFT GMBH COMPACT FILTER TECHNIC, DE
[22] 2004-06-10
[41] 2004-12-13
[30] DE (103 26 601.1) 2003-06-13
[30] DE (10 2004 012 967.3) 2004-03-17

[21] **2,470,741**
[13] A1

[51] **Int.Cl. 7C09B 67/20 7C09B 47/04 7C09B 67/22 7C09B 67/50**
[25] EN
[54] **PIGMENT COMPOSITION AND USE THEREOF IN PLASTIC**
[54] **COMPOSITION DE PIGMENT ET UTILISATION CONNEXE DANS UNE MATIERE PLASTIQUE**
[72] HAMADA, NAOKI, JP
[72] KATO, MIKIYA, JP
[72] IGUCHI, AKIYOSHI, JP
[71] TOYO INK. MFG. CO., LTD., JP
[22] 2004-06-11
[41] 2004-12-13
[30] JP (168805/2003) 2003-06-13

[21] **2,470,744**
[13] A1

[51] **Int.Cl. 7G08G 1/01 7G08G 1/054**
[25] EN
[54] **AUTOMATED TRAFFIC VIOLATION MONITORING AND REPORTING SYSTEM WITH COMBINED VIDEO AND STILL IMAGE DATA**
[54] **SYSTEME AUTOMATISE DE SURVEILLANCE DE LA CIRCULATION ET DE COMPTE RENDU D'INFRACTIONS AUX REGLEMENTS DE LA CIRCULATION COMBINANT DES DONNEES D'IMAGES VIDEO ET DES DONNEES D'IMAGESFIXES**
[72] HIGGINS, BRUCE E., US
[71] REDFLEX TRAFFIC SYSTEMS PTY LTD., AU
[22] 2004-06-11
[41] 2004-12-12
[30] US (10/463,880) 2003-06-12

[21] **2,470,759**
[13] A1

[51] **Int.Cl. 7G01N 1/00 7G01N 1/10 7G01N 33/30**
[25] EN
[54] **LUBRICITY TESTER FOR DIESEL FUELS**
[54] **DISPOSITIF D'ESSAI POUR DETERMINER LE POUVOIR LUBRIFIANT DE CARBURANTS DIESELS**
[72] GRAY, CLINT, CA
[72] WEBSTER, GARY D., CA
[72] RAYMOND, DENIS, CA
[71] ADVANCED ENGINE TECHNOLOGY LTD., CA
[22] 2004-06-11
[41] 2004-12-13
[30] US (60/320,271) 2003-06-13

[21] **2,470,771**
[13] A1

[51] **Int.Cl. 7A61M 5/14 7A61M 5/00 7A61M 31/00**
[25] EN
[54] **MEDICAL DEVICE FOR FLUID DELIVERY HAVING LOW FLUID FLOW RATE**
[54] **DISPOSITIF MEDICAL POUR L'ADMINISTRATION D'UN FLUIDE A FAIBLE DEBIT**
[72] RUSSELL, SCOTT M., US
[71] CORDIS CORPORATION, US
[22] 2004-06-11
[41] 2004-12-12
[30] US (10/459,959) 2003-06-12

[21] **2,470,773**
[13] A1

[51] **Int.Cl. 7A61M 5/14 7A61M 5/00 7A61M 31/00**
[25] EN
[54] **ORIFICE DEVICE FOR DELIVERING DRUGS AT LOW FLUID FLOW RATES**
[54] **DISPOSITIF A ORIFICE POUR L'ADMINISTRATION DE MEDICAMENTS A FAIBLES DEBITS DE FLUIDE**
[72] RUSSELL, SCOTT M., US
[71] CORDIS CORPORATION, US
[22] 2004-06-11
[41] 2004-12-12
[30] US (10/460,460) 2003-06-12

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[21] **2,470,777**
[13] A1
[51] **Int.Cl. 7A61M 5/14 7A61M 5/00 7A61M 5/168**
[25] EN
[54] **IMPLANTABLE DEVICE FOR DELIVERING DRUGS USING ORIFICE MECHANISM CAPABLE OF LOW FLUID FLOW RATES**
[54] **DISPOSITIF IMPLANTABLE POUR L'ADMINISTRATION DE MEDICAMENTS AU MOYEN D'UN MECANISME A ORIFICE POUR FAIBLES DEBITS DE FLUIDE**
[72] RUSSELL, SCOTT M., US
[71] CORDIS CORPORATION, US
[22] 2004-06-11
[41] 2004-12-12
[30] US (10/459,969) 2003-06-12

[21] **2,470,783**
[13] A1
[51] **Int.Cl. 7C08L 5/00 7C08L 3/02 7B32B 27/04 7C08L 3/04**
[25] EN
[54] **FIBERGLASS NONWOVEN BINDER**
[54] **LIANT DE FIBRE DE VERRE NON-TISSE**
[72] SOLAREK, DANIEL B., US
[72] ROGRIGUES, KLEIN A., US
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[22] 2004-06-11
[41] 2004-12-12
[30] US (60/478,132) 2003-06-12
[30] US (UNKNOWN) 2004-06-03

[21] **2,470,798**
[13] A1
[51] **Int.Cl. 7H01Q 5/00 7H01Q 1/27**
[25] EN
[54] **MULTIPLE-ELEMENT ANTENNA WITH FLOATING ANTENNA ELEMENT**
[54] **ANTENNE A ELEMENTS MULTIPLES AVEC ELEMENT FLOTTANT**
[72] MAN, YING TONG, CA
[72] CERTAIN, MICHAEL E., CA
[72] JARMUSZEWSKI, PERRY, CA
[72] QI, YIHONG, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2004-06-11
[41] 2004-12-12
[30] EP (03253713.6) 2003-06-12

[21] **2,470,780**
[13] A1
[51] **Int.Cl. 7C03C 13/00 7C08L 33/02 7C08F 220/04 7C08F 220/06 7C08J 5/08 7C08F 2/10**
[25] EN
[54] **GLASS ADHESION PROMOTER**
[54] **AGENT FAVORISANT L'ADHESION SUR LE VERRE**
[72] ROGRIGUES, KLEIN A., US
[72] LONG, JAMES C., US
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[22] 2004-06-11
[41] 2004-12-12
[30] US (60/477,979) 2003-06-12
[30] US (UNKNOWN) 2004-06-03

[21] **2,470,785**
[13] A1
[51] **Int.Cl. 7F28F 9/24 7F28F 13/12**
[25] EN
[54] **TURBULENCE GENERATOR**
[54] **GENERATEUR DE TURBULENCES**
[72] OCHMANN, KLAUS, DE
[72] JAEHN, PETER, DE
[71] BAYER INDUSTRY SERVICES GMBH & CO. OHG, DE
[22] 2004-06-09
[41] 2004-12-12
[30] DE (103 26 381.0) 2003-06-12

[21] **2,470,802**
[13] A1
[51] **Int.Cl. 7A23L 3/01 7H05B 6/54 7H05B 6/62**
[25] EN
[54] **A PRODUCT STREAM HEATER**
[54] **RECHAUFFEUR DE CHAINES DE PRODUITS**
[72] WILD, HANS-PETER, DE
[72] GUNN, BRADLEY, DE
[72] LOCHBUEHLER, KLAUS, DE
[71] RUDOLF WILD GMBH & CO. KG, DE
[22] 2004-06-11
[41] 2004-12-13
[30] EP (03013574.3) 2003-06-13

[21] **2,470,782**
[13] A1
[51] **Int.Cl. 7H03M 13/33 7H04L 7/00**
[25] EN
[54] **FRAMING STRUCTURE FOR DIGITAL BROADCASTING AND INTERACTIVE SERVICES**
[54] **STRUCTURE DE VERROUILLAGE DE TRAME POUR RADIODIFFUSION NUMERIQUE ET SERVICES INTERACTIFS**
[72] SUN, FENG-WEN, US
[72] LEE, LIN-NAN, US
[71] THE DIRECTV GROUP, INC., US
[22] 2004-06-11
[41] 2004-12-13
[30] US (60/478,376) 2003-06-13
[30] US (60/482,111) 2003-06-24
[30] US (60/482,117) 2003-06-24
[30] US (10/842,325) 2004-05-10
[30] US (10/816,385) 2004-04-01

[21] **2,470,790**
[13] A1
[51] **Int.Cl. 7H05K 1/14 7H05K 3/46**
[25] EN
[54] **TECHNIQUE FOR INTERCONNECTING MULTILAYER CIRCUIT BOARDS**
[54] **TECHNIQUE D'INTERCONNEXION DE CARTES DE CIRCUITS IMPRIMES MULTICOUCHES**
[72] WYRZYKOWSKA, ANETA D., CA
[72] KWONG, HERMAN, CA
[72] DIFILIPPO, LUIGI, CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2004-06-11
[41] 2004-12-12
[30] US (10/459,475) 2003-06-12

[21] **2,470,818**
[13] A1
[51] **Int.Cl. 7E21B 33/04**
[25] EN
[54] **METHOD AND APPARATUS FOR SUPPORTING A TUBULAR IN A BORE**
[54] **METHODE ET DISPOSITIF DE SUPPORT DE TUBULAIRE DANS UN PUIT**
[72] SIMPSON, NEIL ANDREW
ABERCROMBIE, GB
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-06-11
[41] 2004-12-13
[30] GB (0313664.5) 2003-06-13

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[21] **2,470,875**
[13] A1

[51] **Int.Cl. 7B23H 1/00 7B23H 9/14**
[25] EN
[54] **SMALL-HOLE ELECTRICAL DISCHARGE MACHINING DEVICE AND MULTIPLE DIESINKING-AND-SMALL-HOLE ELECTRICAL DISCHARGE MACHINING DEVICE, AND METHOD FOR MULTIPLE DIESINKING-AND-SMALL-HOLE ELECTRICAL DISCHARGE MACHINING WITH THE SAME DEVICE**
[54] **DISPOSITIF D'USINAGE DE PETITS TROUS PAR DECHARGE ELECTRIQUE, DISPOSITIF PERMETTANT D'EXECUTER DES OPERATIONS MULTIPLES DE FRAISAGE DE MATRICES ET D'USINAGE DE PETITS TROUS PAR DECHARGE ELECTRIQUE ET METHODE PERMETTANT D'EXECUTER AVEC CE DISPOSITIF DES OPERATIONS MULTIPLES DE FRAISAGE DE MATRICES ET D'USINAGE DE PETITS TROUS PAR DECHARGE ELECTRIQUE**
[72] YOKOMICHI, SHIGEHARU, JP
[72] ISHIWATA, HIROSHI, JP
[71] ELENIX, INC., JP
[22] 2004-06-14
[41] 2004-12-17
[30] JP (2003-172125) 2003-06-17

[21] **2,470,878**
[13] A1

[51] **Int.Cl. 7E03C 1/04 7F16K 11/00**
[25] EN
[54] **FAUCET ASSEMBLY WITH EASY-INSTALL PRE-RINSE UNIT MECHANISM**
[54] **ENSEMBLE DE ROBINET A MECANISME DE PRERINCAGE FACILE A INSTALLER**
[72] WEAVER, MARK, US
[71] T & S BRASS AND BRONZE WORKS, INC., US
[22] 2004-06-14
[41] 2004-12-18
[30] US (10/464,007) 2003-06-18

[21] **2,470,880**
[13] A1

[51] **Int.Cl. 7F24B 1/191 7F24C 7/00 7F21S 10/04 7F24C 15/06 7F24B 1/18**
[25] EN
[54] **GLOWING EMBER FIREPLACE ARTICLE**
[54] **ARTICLE DE FOYER A BRAISES INCANDESCENTES**
[72] BACHINSKI, THOMAS J., US
[72] WADDELL, ROBERT S., US
[71] HON TECHNOLOGY INC., US
[22] 2004-06-14
[41] 2004-12-17
[30] US (10/463,175) 2003-06-17

[21] **2,470,884**
[13] A1

[51] **Int.Cl. 7B64C 3/48**
[25] EN
[54] **VARIABLE TRAILING-EDGE GEOMETRY AND SPANLOAD CONTROL**
[54] **DISPOSITIF DE COMMANDE D'UN BORD DE FUITE A GEOMETRIE VARIABLE ET DE LA CHARGE D'ENVERGURE**
[72] GREGG, ROBERT D., III, US
[72] VASSBERG, JOHN CHARLES, US
[71] THE BOEING COMPANY, US
[22] 2004-06-14
[41] 2004-12-17
[30] US (10/463,469) 2003-06-17

[21] **2,470,910**
[13] A1

[51] **Int.Cl. 7G01J 5/08**
[25] EN
[54] **LASER SYSTEM**
[54] **SYSTEME LASER**
[72] HOLLANDER, MILTON BERNARD, US
[72] BAGHAI, SHAHIN, US
[71] WHITE BOX, INC., US
[22] 2004-06-15
[41] 2004-12-16
[30] US (60/478,935) 2003-06-16
[30] US (60/486,951) 2003-07-14

[21] **2,470,921**
[13] A1

[51] **Int.Cl. 7G09F 3/00 7G09F 3/12**
[25] EN
[54] **SKI LIFT TAG KIT**
[54] **NECESSAIRE D'ETIQUETTE DE REMONTE-PENTE**
[72] MALONE, JOMANA, US
[71] MALONE, JOMANA, US
[22] 2004-06-15
[41] 2004-12-16
[30] US (10/462,889) 2003-06-16

[21] **2,470,923**
[13] A1

[51] **Int.Cl. 7E01F 9/015 7G09F 7/18**
[25] EN
[54] **REFLECTIVE ARROWHEAD TRAFFIC SIGN APPARATUS**
[54] **PANNEAU DE SIGNALISATION REFLECHISSANT EN POINTE DE FLECHE**
[72] GREVES, KENNETH J., US
[71] RTS, LLC, US
[22] 2004-06-15
[41] 2004-12-18
[30] US (10/464,172) 2003-06-18
[30] US (10/852,553) 2004-05-24

[21] **2,470,926**
[13] A1

[51] **Int.Cl. 7B64D 29/06 7B64C 9/34**
[25] EN
[54] **AIRCRAFT ENGINE IN WHICH THERE IS A SMALL CLEARANCE SEPARATING THE FAN COWLS AND THE THRUST INVERTER COWLS**
[54] **REACTEUR PRESENTANT UN DEGAGEMENT MINIME ENTRE LES CAPOTS DE SOUFFLANTE ET LES CAPOTS D'INVERSEUR DE POUSSEE**
[72] PORTE, ALAIN, FR
[71] AIRBUS FRANCE, FR
[22] 2004-06-15
[41] 2004-12-18
[30] FR (03 50231) 2003-06-18

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[21] **2,470,928**
[13] A1
[51] **Int.Cl. 7F23R 3/50 7F23R 3/06 7F02C 7/12 7F01D 25/12 7F23R 3/54**
[25] EN
[54] **TURBOMACHINE ANNULAR COMBUSTION CHAMBER**
[54] **CHAMBRE DE COMBUSTION ANNULAIRE DE TURBOMACHINE**
[72] BEULE, FREDERIC, FR
[72] DESAULTY, MICHEL, FR
[71] SNECMA MOTEURS, FR
[22] 2004-06-15
[41] 2004-12-17
[30] FR (03 50226) 2003-06-17

[21] **2,470,935**
[13] A1
[51] **Int.Cl. 7C12N 1/20 7A61P 35/00 7C12P 17/14 7C12P 17/16 7C07D 263/30 7A61K 31/421 7A61K 31/422**
[25] EN
[54] **POLYENE OXAZOLES AND PROCESSES FOR THEIR PREPARATION**
[54] **OXAZOLES DU TYPE POLYENE ET METHODE DE PREPARATION CONNEXE**
[72] BACHMANN, BRIAN O., US
[72] MCALPINE, JAMES B., CA
[72] ZAZOPOULOS, EMMANUEL, CA
[72] FARNET, CHRIS M., CA
[72] ISMAIL, NARGIS, CA
[71] ECOPIA BIOSCIENCES INC., CA
[22] 2004-06-14
[41] 2004-12-13
[30] US (USSN 60/477,931) 2003-06-13

[21] **2,470,939**
[13] A1
[51] **Int.Cl. 7B65B 11/02**
[25] EN
[54] **WRAPPING DEVICE**
[54] **DISPOSITIF D'EMBALLAGE**
[72] HEIKAUS, GERD, DE
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-06-14
[41] 2004-12-16
[30] DE (203 09 382.8) 2003-06-16

[21] **2,470,960**
[13] A1
[51] **Int.Cl. 7E21B 33/14 7E21B 33/00**
[25] EN
[54] **CEMENT FLOAT**
[54] **FLOTTEUR DE CIMENT**
[72] ANGMAN, PER G., CA
[72] WARREN, TOMMY M., US
[71] TESCO CORPORATION, CA
[22] 2004-06-14
[41] 2004-12-12
[30] US (60/477,787) 2003-06-12

[21] **2,470,962**
[13] A1
[51] **Int.Cl. 7A01K 1/10 7A01K 39/01**
[25] EN
[54] **BIRD FEEDING APPARATUS**
[54] **DISPOSITIF POUR MANGEOIRE D'OISEAUX**
[72] NOCK, ROBERT KENNETH, GB
[71] CJ WILDBIRD FOOD LIMITED, GB
[22] 2004-06-14
[41] 2004-12-13
[30] GB (0313652.0) 2003-06-13

[21] **2,470,975**
[13] A1
[51] **Int.Cl. 7B65B 43/04**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING A PRE-PADDED FOOD BAG**
[54] **METHODE ET DISPOSITIF DE FABRICATION D'UN SAC A ALIMENTS COUSSINE**
[72] STUCKEY, JAMES HAL, US
[72] BOAL, DILIP KUMAR, US
[71] CRYOVAC, INC., US
[22] 2004-06-15
[41] 2004-12-17
[30] US (10/463,292) 2003-06-17

[21] **2,470,982**
[13] A1
[51] **Int.Cl. 7B66B 31/00 7B66B 23/00 7F21S 2/00 7F21V 33/00**
[25] EN
[54] **LIGHTING SYSTEM FOR A MOVING WALKWAY OR ESCALATOR INSTALLATION, AND MOVING WALKWAY OR ESCALATOR INSTALLATION WITH LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE POUR TROTTOIR ROULANT OU ESCALIER ROULANT ET TROTTOIR ROULANT OU ESCALIER ROULANT AVEC SYSTEME D'ECLAIRAGE**
[72] WINKLER, GERALD, AT
[72] KLEWEIN, GERHARD, AT
[71] INVENTIO AG, CH
[22] 2004-06-15
[41] 2004-12-17
[30] EP (03405434.6) 2003-06-17

[21] **2,470,988**
[13] A1
[51] **Int.Cl. 7H01H 83/00 7H01H 71/04 7H01H 83/04 7H01R 13/713**
[25] EN
[54] **SELF TESTING DIGITAL FAULT INTERRUPTER**
[54] **DISJONCTEUR DE DEFAUT NUMERIQUE A AUTO-ESSAI**
[72] BALDWIN, JOHN, US
[72] BONILLA, NELSON, US
[72] YU, DAMING, US
[72] DEBARTOLO, JOSEPH, JR., US
[72] MORTUN, SORIN I., US
[72] LUTZ, DAVID, US
[71] HUBBELL INCORPORATED, US
[22] 2004-06-15
[41] 2004-12-16
[30] US (10/461,874) 2003-06-16

[21] **2,471,051**
[13] A1
[51] **Int.Cl. 7E21B 29/00**
[25] EN
[54] **TUBING EXPANSION**
[54] **EXTENSION DE TUBAGE**
[72] HILLIS, DAVID JOHN, GB
[72] DUGGAN, ANDREW MICHAEL, GB
[72] HARRALL, SIMON JOHN, GB
[72] METCALFE, PAUL DAVID, GB
[72] RUDD, WAYNE, GB
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-06-15
[41] 2004-12-16
[30] GB (0313891.4) 2003-06-16
[30] GB (0326670.7) 2003-11-15

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[21] **2,471,052**
[13] A1

[51] **Int.Cl. 7B60F 3/00 7B60V 3/06 7B60V 1/16**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO AN AMPHIBIOUS CRAFT**
[54] **AMELIORATIONS POUR EMBARCATIONS ET NAVIRES AMPHIBIES**
[72] EVANS, MARK, GB
[71] COUPLAND BELL LIMITED, GB
[22] 2004-06-15
[41] 2004-12-17
[30] GB (0313979.7) 2003-06-17

[21] **2,471,053**
[13] A1

[51] **Int.Cl. 7E21B 29/00**
[25] EN
[54] **TUBING EXPANSION**
[54] **EXTENSION DE TUBAGE**
[72] HARRALL, SIMON JOHN, GB
[72] DUGGAN, ANDREW MICHAEL, GB
[72] HILLIS, DAVID JOHN, GB
[72] METCALFE, PAUL DAVID, GB
[72] RUDD, WAYNE, GB
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-06-15
[41] 2004-12-16
[30] GB (0313891.4) 2003-06-16
[30] GB (0326670.7) 2003-11-15

[21] **2,471,058**
[13] A1

[51] **Int.Cl. 7C21B 7/00 7C21D 1/00 7C21B 7/14**
[25] EN
[54] **DEVICE FOR OPENING OR CLOSING AN OPENING, IN PARTICULAR A BOTTOM OPENING OF A MATERIAL BUNKER FOR A BLAST FURNACE**
[54] **DISPOSITIF D'OUVERTURE OU DE FERMETURE D'UNE OUVERTURE, EN PARTICULIER DE L'OUVERTURE INFÉRIEURE D'UNE TREMIE DE HAUT FOURNEAU**
[72] IRNICH, FRANZ-JOSEF, DE
[72] ENGL, FRANK, DE
[72] KORBMACHER, ARNO, DE
[71] Z & J TECHNOLOGIES GMBH, DE
[22] 2004-06-16
[41] 2004-12-17
[30] DE (103 27 276.3) 2003-06-17

[21] **2,471,062**
[13] A1

[51] **Int.Cl. 7A01D 69/00 7G05D 1/00**
[25] EN
[54] **SELF-PROPELLED HARVESTING MACHINE**
[54] **RECOLTEUSE AUTOMOTRICE**
[72] SCHAEFER, PETER, DE
[71] DEERE & COMPANY, US
[22] 2004-06-16
[41] 2004-12-18
[30] DE (103 27 478.2) 2003-06-18

[21] **2,471,064**
[13] A1

[51] **Int.Cl. 7B65D 17/32 7B65D 51/24**
[25] EN
[54] **CLOSURE ASSEMBLY FOR BEVERAGE CANS**
[54] **DISPOSITIF DE FERMETURE POUR CANNETTES**
[72] ROSSETTI, LUCA, IT
[72] MOLINARI, MAURIZIO, IT
[71] R.S.T.B. GROUP S.R.L., IT
[22] 2004-06-15
[41] 2004-12-18
[30] IT (MI2003A-001231) 2003-06-18

[21] **2,471,067**
[13] A1

[51] **Int.Cl. 7E21B 47/12**
[25] EN
[54] **METHODS AND APPARATUS FOR ACTUATING A DOWNHOLE TOOL**
[54] **METHODES ET APPAREIL POUR ACTIONNER UN OUTIL DE FOND**
[72] COLVARD, R.L., US
[72] LOGIUDICE, MICHAEL, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-06-16
[41] 2004-12-18
[30] US (10/464,433) 2003-06-18

[21] **2,471,072**
[13] A1

[51] **Int.Cl. 7E21B 47/12**
[25] EN
[54] **MODULAR DESIGN FOR LWD/MWD COLLARS**
[54] **CONCEPTION MODULAIRE DE COLLIERS DE FORAGE LWD/MWD**
[72] KURKOSKI, PHILIP LAWRENCE, US
[71] BAKER HUGHES INCORPORATED, US
[22] 2004-06-16
[41] 2004-12-16
[30] US (10/463,028) 2003-06-16

[21] **2,471,073**
[13] A1

[51] **Int.Cl. 7G06T 15/00 7G06T 1/00**
[25] EN
[54] **SYSTEM, METHOD AND COMPUTER FOR COMMUNICATING USING INTERACTIVE THREE-DIMENSIONAL RENDERINGS**
[54] **SYSTEME, METHODE ET ORDINATEUR DE COMMUNICATION UTILISANT DES RENDUS TRIDIMENSIONNELS INTERACTIFS**
[72] TABAKMAN, ZALE, CA
[72] FARBER, JACOB, CA
[71] TABAKMAN, ZALE, CA
[22] 2004-06-16
[41] 2004-12-17
[30] US (60/478,837) 2003-06-17

[21] **2,471,080**
[13] A1

[51] **Int.Cl. 7E04G 3/12 7E04D 15/00**
[25] EN
[54] **ADJUSTABLE ROOF PLATFORM**
[54] **PLATE-FORME DE TOIT REGLABLE**
[72] MALHAME, JOSHUA A., CA
[72] SMITH, DEREK J., CA
[71] MALHAME, JOSHUA A., CA
[71] SMITH, DEREK J., CA
[22] 2004-06-16
[41] 2004-12-18
[30] US (10/463,127) 2003-06-18

[21] **2,471,100**
[13] A1

[51] **Int.Cl. 7F25D 31/00 7A62B 17/00 7F28D 21/00 7A41D 13/005 7F25D 3/02**
[25] EN
[54] **DISTRIBUTED PHASE CHANGE PERSONAL HEAT MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION THERMIQUE PERSONNEL A CHANGEMENT DE PHASE REPARTI**
[72] TEMPLETON, RANDALL D., CA
[71] DUPONT CANADA INC., CA
[22] 2004-06-16
[41] 2004-12-16
[30] CA (2,432,852) 2003-06-16

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[21] **2,471,161**
[13] A1
[51] **Int.Cl. 7E04F 11/18**
[25] EN
[54] **QUICK RAIL SYSTEM WITH ADJUSTABLE SUPPORT**
[54] **SYSTEME DE RAMPE A MONTAGE RAPIDE AVEC SUPPORT REGLABLE**
[72] STRIEBEL, PATRICK A., US
[72] STRIEBEL, ROMAN F., US
[71] SUNCOR STAINLESS, INC., US
[41] 2004-06-16
[41] 2004-12-18
[30] US (10/464,094) 2003-06-18

[21] **2,471,167**
[13] A1
[51] **Int.Cl. 7G06F 1/00 7G06F 12/14 7G07F 17/32**
[25] EN
[54] **GAMING MACHINE HAVING REDUCED-READ SOFTWARE AUTHENTICATION**
[54] **MACHINE DE JEU A AUTHENTICATION DE LOGICIEL A LECTURE REDUITE**
[72] GENTLES, THOMAS A., US
[71] WMS GAMING INC., US
[22] 2004-06-16
[41] 2004-12-17
[30] US (10/463,173) 2003-06-17

[21] **2,471,185**
[13] A1
[51] **Int.Cl. 7A61M 39/02**
[25] EN
[54] **SUBCUTANEOUS SELF ATTACHING INJECTION PORT WITH INTEGRAL MOVEABLE RETENTION MEMBERS**
[54] **POINT D'ORIFICE D'INJECTION SOUS-CUTANEE AUTOFIXATEUR A ELEMENTS DE RETENUE MOBILES INTEGRAUX**
[72] CONLON, SEAN P., US
[72] SCHULZE, DALE, US
[72] NUCHOLS, RICHARD P., US
[72] HUNT, JOHN V., US
[72] BYRUM, RANDAL T., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2004-06-16
[41] 2004-12-16
[30] US (60/478,763) 2003-06-16
[30] US (10/741,875) 2003-12-19

[21] **2,471,189**
[13] A1
[51] **Int.Cl. 7C08G 6/02 7C08G 6/00 7C09D 161/02 7C09J 161/02 7C08L 61/02**
[25] EN
[54] **RESINS BASED ON KETONES AND ALDEHYDES, HAVING IMPROVED SOLUBILITY PROPERTIES AND LOW COLOR NUMBERS**
[54] **RESINES A BASE DE CETONES ET D'ALDEHYDES, POSSEDANT DES MEILLEURES PROPRIETES DE SOLUBILITE ET DE FAIBLES INDICES DE COULEUR.**
[72] MINDACH, LUTZ, DE
[72] GLOECKNER, PATRICK, DE
[72] WESSELBAUM, FRANZ-JOSEF, DE
[72] DENKINGER, PETER, DE
[72] BURIAN, BETTINA, DE
[71] DEGUSSA AKTIENGESSELLSCHAFT, DE
[22] 2004-06-11
[41] 2004-12-14
[30] DE (103 26 893.6) 2003-06-14

[21] **2,471,196**
[13] A1
[51] **Int.Cl. 7C10M 143/12 7C10M 143/02 7C08L 23/06**
[25] EN
[54] **VISCOSITY INDEX IMPROVER CONCENTRATES**
[54] **CONCENTRES D'AMELIORANT DE L'INDICE DE VISCOSITE**
[72] BLOCH, RICARDO A., US
[72] CLARKE, DEAN B., US
[72] BANSAL, JAI G., US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2004-06-11
[41] 2004-12-12
[30] US (10/459,846) 2003-06-12

[21] **2,471,202**
[13] A1
[51] **Int.Cl. 7C10M 129/26 7C10L 10/00 7C10M 129/50**
[25] EN
[54] **LUBRICANT COMPOSITION**
[54] **COMPOSITION DE LUBRIFIANT**
[72] DUNN, ADRIAN, US
[72] CHAMBARD, LAURENT, US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2004-06-11
[41] 2004-12-13
[30] EP (03253769.8) 2003-06-13

[21] **2,471,203**
[13] A1
[51] **Int.Cl. 7H01F 7/06**
[25] EN
[54] **METHOD AND APPARATUS FOR A CONTACTLESS ELECTROMECHANICAL ACTUATOR WITH COUPLED ELECTRONIC MOTOR COMMUTATION AND OUTPUT POSITION SENSORS**
[54] **METHODE ET APPAREILS POUR ACTIONNEUR ELECTROMECHANIQUE SANS CONTACT, AVEC CAPTEURS DE POSITION EXTERNE ET COMMUTATION ELECTRONIQUE DE MOTEUR**
[72] SEGER, ERIC, US
[72] FREDERICK, GARY L., US
[71] BVR TECHNOLOGIES COMPANY, US
[22] 2004-06-16
[41] 2004-12-18
[30] US (10/464,684) 2003-06-18

[21] **2,471,205**
[13] A1
[51] **Int.Cl. 7C05D 9/02 7C05G 1/00**
[25] EN
[54] **METHOD FOR OBTAINING A FERTILIZING PREPARATION SUPPLYING MICROELEMENTS AND PREPARATION THUS OBTAINABLE**
[54] **METHODE DE PRODUCTION D'UN ENGRAIS LIBERANT DES OLIGOELEMENTS ET PREPARATION OBTENUE AVEC LADITE METHODE**
[72] AMBRI, FRANCO, IT
[71] AMBRI, FRANCO, IT
[22] 2004-06-11
[41] 2004-12-13
[30] IT (MO2003A000173) 2003-06-13

[21] **2,471,210**
[13] A1
[51] **Int.Cl. 7B66B 9/00 7B66B 1/18**
[25] EN
[54] **LIFT INSTALLATION, METHOD OF OPERATING THIS LIFT INSTALLATION AND METHOD OF MODERNISING A LIFT INSTALLATION**
[54] **ASCENSEUR, METHODE D'EXPLOITATION, ET METHODE DE MODERNISATION**
[72] LIM, LIAN-CHOO, CH
[72] DEPLAZES, ROMEO, CH
[71] INVENTIO AG, CH
[22] 2004-06-16
[41] 2004-12-18
[30] EP (03 405439.5) 2003-06-18

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[21] **2,471,212**
[13] A1

[51] **Int.Cl. 7G01N 21/95**
[25] EN
[54] **AUTOMATED OPTICAL INSPECTION OF WIRE-WRAPPED WELL SCREENS**
[54] **INSPECTION OPTIQUE AUTOMATISEE DE FILTRES DE PUITES A FIL ENROULE**
[72] GRIFNO, RICHARD, US
[72] ROUSE, WILLIAM T., US
[72] PARMELY, ARTHUR T., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-06-16
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[30] US (10/463,238) 2003-06-17

[21] **2,471,242**
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[51] **Int.Cl. 7A61F 9/00**
[25] EN
[54] **GLAUCOMA TREATMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE DE TRAITEMENT DU GLAUCOME**
[72] BROWN, DAVID J., US
[71] BROWN, DAVID J., US
[22] 2004-06-16
[41] 2004-12-16
[30] US (10/462,572) 2003-06-16

[21] **2,471,254**
[13] A1

[51] **Int.Cl. 7A01F 12/00 7A01D 67/00**
[25] EN
[54] **HARVESTING MACHINE**
[54] **RECOLTEUSE**
[72] KORMANN, GEORG, DE
[71] DEERE & COMPANY, US
[22] 2004-06-14
[41] 2004-12-12
[30] DE (103 26 367.5) 2003-06-12

[21] **2,471,264**
[13] A1

[51] **Int.Cl. 7A47C 1/023**
[25] EN
[54] **ADJUSTMENT MECHANISM WITH TORQUE LIMITING AND ANTI-LOOSENING FEATURES**
[54] **MECANISME DE REGLAGE AVEC LIMITEUR DE COUPLE ET DISPOSITIF ANTI-DESSERRAGE**
[72] MACHAEL, JAY R., US
[72] KOEPKE, MARCUS C., US
[72] TREGO, BRIAN R., US
[71] HON TECHNOLOGY INC., US
[22] 2004-06-14
[41] 2004-12-13
[30] US (10/461,082) 2003-06-13

[21] **2,471,312**
[13] A1

[51] **Int.Cl. 7A63D 5/00 7A63D 1/00 7A63D 5/04**
[25] EN
[54] **A METHOD AND A SYSTEM FOR MANAGING AT LEAST ONE EVENT IN A BOWLING ESTABLISHMENT**
[54] **METHODE ET SYSTEME DE GESTION D'AU MOINS UNE DEFECTUOSITE DANS UNE SALLE DE QUILLES**
[72] VAIOLI, ROBERTO, IT
[71] QUBICA S.P.A., IT
[22] 2004-06-17
[41] 2004-12-17
[30] IT (IT BO2003A 000368) 2003-06-17

[21] **2,471,315**
[13] A1

[51] **Int.Cl. 7E05B 65/00**
[25] EN
[54] **LOCK FOR LEVER-HANDLED DOOR LATCH**
[54] **SERRURE POUR POIGNEE DE PORTE BEC-DE-CANE**
[72] WONG, ANTHONY, US
[71] COSCO MANAGEMENT, INC., US
[22] 2004-06-17
[41] 2004-12-17
[30] US (10/463,683) 2003-06-17

[21] **2,471,325**
[13] A1

[51] **Int.Cl. 7D21H 21/18 7B32B 13/08**
[25] EN
[54] **IMPROVED PAPER AND PAPERBEAD FOR PROTECTING DRYWALL CORNERS**
[54] **PAPIER AMELIORE ET BAGUETTE EN PAPIER DE PROTECTION DES COINS DE CLOISONS SECHES**
[72] WILLIAMS, ROBERT K., CA
[72] DALGLEISH, DONALD C., CA
[72] MIX, GARRY K., CA
[71] BAILEY METAL PRODUCTS LIMITED, CA
[22] 2004-06-17
[41] 2004-12-17
[30] US (10/462,799) 2003-06-17

[21] **2,471,327**
[13] A1

[51] **Int.Cl. 7G02B 6/16 7C01B 3/00 7E21B 47/12 7G02B 6/22**
[25] EN
[54] **PROTECTED OPTICAL FIBER CABLE AND HYDROGEN GETTERING AGENT**
[54] **CABLE A FIBRES OPTIQUES PROTEGE ET AGENT D'ABSORPTION DE L'HYDROGENE**
[72] KUCZMA, ANDREW S., US
[72] BUXBAUM, ROBERT, US
[71] WEATHERFORD/LAMB, INC., US
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[41] 2004-12-17
[30] US (10/463,216) 2003-06-17

[21] **2,471,393**
[13] A1

[51] **Int.Cl. 7H01L 41/09**
[25] EN
[54] **LOW VOLTAGE LOW LOSS PIEZOELECTRIC DRIVER AND SWITCHING APPARATUS**
[54] **APPAREILS DE MISE SOUS TENSION ET D'ENTRAINEMENT PIEZOELECTRIQUE A BASSE TENSION ET ~ FAIBLE PERTE**
[72] SCHAIBLE, UWE D., CA
[72] VON STYP-REKOWSKI, NORMAN H., CA
[71] MARLEX ENGINEERING INC., CA
[22] 2004-06-18
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[30] US (60/479,060) 2003-06-18

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[13] A1
[51] **Int.Cl. 7A47L 9/00 7A47L 5/00 7A47L 7/00 7A47L 9/24 7A47L 9/28**
[25] EN
[54] **UPRIGHT VACUUM CLEANER EQUIPPED WITH ELECTRIFIED HOSE AND WAND**
[54] **ASPIRATEUR VERTICAL EQUIPE D'UN TUYAU SOUPLE ET D'UN TUBE ELECTRIFIES**
[72] DAVIS, RONALD E., US
[72] BRADSHAW, AMANDA D., US
[71] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US
[22] 2004-06-17
[41] 2004-12-17
[30] US (60/479,131) 2003-06-17

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[13] A1
[51] **Int.Cl. 7A01G 9/00**
[25] EN
[54] **PLANT BASE**
[54] **BASE POUR PLANTE**
[72] VAN ZANTEN, EVERT, NL
[71] E. VAN ZANTEN HOLDING B.V., NL
[22] 2004-06-17
[41] 2004-12-17
[30] NL (1023678) 2003-06-17
[30] NL (1026254) 2004-05-24

[21] **2,471,411**
[13] A1
[51] **Int.Cl. 7A01G 9/00**
[25] EN
[54] **PLANT BASE**
[54] **BASE POUR PLANTE**
[72] VAN ZANTEN, EVERT, NL
[71] E. VAN ZANTEN HOLDING B.V., NL
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[13] A1
[51] **Int.Cl. 7B65B 43/02 7B65B 41/02 7B65B 51/10**
[25] EN
[54] **DEVICE FOR MAKING CONTAINERS**
[54] **DISPOSITIF DE FABRICATION DE CONTENANTS**
[72] SCHMIDTNER, ALOIS A., US
[72] BROWN, DAVID C., US
[71] FORT JAMES CORPORATION, US
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[41] 2004-12-18
[30] US (60/479,219) 2003-06-18

[21] **2,471,420**
[13] A1
[51] **Int.Cl. 7H01B 9/00 7H01R 13/62**
[25] EN
[54] **MODULAR CABLE SYSTEM FOR SOLAR POWER SOURCES**
[54] **RESEAU DE CABLES MODULAIRE POUR SOURCES D'ENERGIE SOLAIRE**
[72] PERESS, SASS M., CA
[72] LAU, PO K., CA
[71] ICP GLOBAL TECHNOLOGIES INC., CA
[22] 2004-06-17
[41] 2004-12-17
[30] US (60/479,050) 2003-06-17

[21] **2,471,425**
[13] A1
[51] **Int.Cl. 7D06F 58/26**
[25] EN
[54] **HEATING ELEMENT ASSEMBLY FOR CLOTHES DRIER**
[54] **ELEMENT CHAUFFANT POUR SECHEUSE**
[72] GAGNON, SYLVAIN, CA
[71] ISE STAMPING INC., CA
[22] 2004-06-17
[41] 2004-12-17
[30] US (60/478,819) 2003-06-17

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[13] A1
[51] **Int.Cl. 7A23L 2/66 7A23L 2/68**
[25] EN
[54] **PROCESS FOR MAKING STABLE PROTEIN BASED ACID BEVERAGE**
[54] **PROCESSUS DE PRODUCTION D'UNE BOISSON ACIDE ET STABLE A BASE DE PROTEINES**
[72] SHEN, CHENG, US
[71] SOLAE, LLC, US
[22] 2004-06-17
[41] 2004-12-17
[30] US (10/462,894) 2003-06-17

[21] **2,471,447**
[13] A1
[51] **Int.Cl. 7C08J 5/04 7C08J 7/04 7C08J 5/06**
[25] EN
[54] **FIBER FOR REINFORCING RUBBER PRODUCTS**
[54] **FIBRE POUR RENFORCER DES PRODUITS A BASE DE CAOUTCHOUC**
[72] ANDO, KIMIHIRO, JP
[71] ASAHI FIBER GLASS COMPANY, LIMITED, JP
[22] 2004-06-17
[41] 2004-12-18
[30] JP (2003-173085) 2003-06-18

[21] **2,471,669**
[13] A1
[51] **Int.Cl. 7G06F 9/06 7G06F 9/44**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING THE SIZE OF SOFTWARE STORED ON A MOBILE DEVICE**
[54] **SYSTEME ET METHODE POUR REDUIRE LA TAILLE DES LOGICIELS STOCKES SUR UN DISPOSITIF MOBILE**
[72] SCIAN, ANTHONY F., CA
[72] MAJOR, HARRY R., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2004-06-18
[41] 2004-12-18
[30] GB (0314201.5) 2003-06-18

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[21] **2,471,678**

[13] A1

[51] **Int.Cl. 7B05B 17/08**

[25] EN

[54] **POP-OUT WATER DISCHARGE
DEVICE WITH A SPECIALIZED
OUTER ENCLOSURE**

[54] **GICLEUR D'EAU AVEC
ENVELOPPE EXTERIEURE SPECIALE**

[72] BRETT, THOMAS, US

[72] SWANSON, PAUL, US

[71] BRETT, THOMAS, US

[71] SWANSON, PAUL, US

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[41] 2004-12-18

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[30] US (10/613,035) 2003-07-07

[21] **2,471,684**

[13] A1

[51] **Int.Cl. 7F23J 13/04**

[25] EN

[54] **END-WISE CONNECTION OF
SECOND CHIMNEY COMPONENTS
AND METHOD THEREFOR**

[54] **JOINT DE RACCORDEMENT DE
DEUX ELEMENTS DE CHEMINEE ET
METHODE CONNEXE**

[72] GAGNE, BENOIT, CA

[71] CHEMINEE LINING.E INC., CA

[22] 2004-06-18

[41] 2004-12-18

[30] CA (2,432,703) 2003-06-18

[21] **2,471,686**

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[51] **Int.Cl. 7F15D 1/02 7G01N 37/00
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[25] EN

[54] **REDUCING WORKING FLUID
DILUTION IN LIQUID SYSTEMS**

[54] **REDUCTION DE LA DILUTION DU
FLUIDE DE TRAVAIL DANS DES
SYSTEMES LIQUIDES**

[72] JACOBS, MERRIT, US

[72] DING, ZHONG, US

[71] ORTHO-CLINICAL DIAGNOSTICS,
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[41] 2004-12-18

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[13] A1
[51] **Int.Cl. 7B27G 19/00 7B27B 33/14**
[25] EN
[54] **GUARD FOR CHAINSAW**
[54] **CARTER POUR SCIE A CHAINE**
[72] USHER, KARL G., US
[72] SHENKER, MICHAEL R., US
[71] SAFEGUARD VENTURES, LLC., US
[85] 2004-05-19
[86] 2004-03-19 (PCT/US2004/008468)
[87] 2004-12-13 (WO/)
[30] US (60/478,660) 2003-06-13

[21] **2,473,859**
[13] A1
[51] **Int.Cl. 7H05K 5/00 7H04N 7/18**
[25] EN
[54] **COMPACT MOBILE**
RECONNAISSANCE SYSTEM
[54] **SYSTEME COMPACT DE**
RECONNAISSANCE MOBILE
[72] GAL, EHUD, IL
[71] O.D.F. OPTRONICS LTD., IL
[85] 2004-07-28
[86] 2004-06-16 (PCT/IL2004/000518)
[87] 2004-12-17 (WO/)
[30] IL (156478) 2003-06-17

[21] **2,476,036**
[13] A1
[51] **Int.Cl. 7G01N 33/543 7C12Q 1/68**
[25] FR
[54] **CHAINES COLLOIDALES**
IRREVERSIBLES PORTEUSES DE
SITES DE RECONNAISSANCE
[54] **IRREVERSIBLE COLLOIDAL**
CHAINS WITH RECOGNITION SITES
[72] GOUBAULT, CECILE, FR
[72] VIOVY, JEAN-LOUIS, FR
[72] BIBETTE, JEROME, FR
[72] DUTREIX, MARIE, FR
[71] CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE (C.N.R.S.),
FR
[71] UNIVERSITE PIERRE ET MARIE
CURIE PARIS VI, FR
[71] INSTITUT CURIE, FR
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[86] 2003-02-19 (PCT/FR2003/000557)
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[30] FR (02/02231) 2002-02-21

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[54] **CANCER THERAPY**
[54] **THERAPIE ANTICANCEREUSE**
[72] ASHDOWN, MARTIN LEONARD, AU
[71] IMMUNAID PTY LTD, AU
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[87] 2003-08-21 (WO2003/068257)
[30] AU (PS 0547) 2002-02-14

[21] **2,476,424**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7A61P 1/00**
7A61K 31/7088
[25] EN
[54] **MEANS AND METHODS FOR**
ALTERING THE MOTILITY OF THE
GASTROINTESTINAL TRACT
[54] **MOYENS ET PROCEDES**
PERMETTANT DE MODIFIER LA
MOTILITE DU TRACTUS GASTRO-
INTESTINAL
[72] BOECKXSTAENS, GUY EDUARD
ELISABETH, NL
[72] DE JONGE, WOUTER JACOB, NL
[71] ACADEMISCH MEDISCH CENTRUM
BIJ DE UNIVERSITEIT VAN
AMSTERDAM, NL
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[87] 2003-08-21 (WO2003/068261)
[30] EP (02075643.3) 2002-02-18

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[13] A1
[51] **Int.Cl. 7C07K 7/04 7A61P 35/00**
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[25] EN
[54] **PARTIAL PEPTIDE MIMETICS**
AND METHODS
[54] **MIMETIQUES PEPTIDIQUES**
PARTIELS ET PROCEDES ASSOCIES
[72] HOYE, THOMAS R., US
[72] MAYO, KEVIN H., US
[72] FLADER LAVEY, CAROLEE, US
[71] REGENTS OF THE UNIVERSITY OF
MINNESOTA, US
[85] 2004-08-16
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[87] 2003-08-28 (WO2003/070751)
[30] US (60/359,272) 2002-02-20

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[51] **Int.Cl. 7C12Q 1/68 7C12N 7/00**
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[25] EN
[54] **METHOD OF DETERMINING**
ADENOVIRUS PARTICLE
CONCENTRATION
[54] **PROCEDE PERMETTANT DE**
DETERMINER UNE CONCENTRATION
DE PARTICULES D'ADENOVIRUS
[72] SWEENEY, JOYCE A., US
[71] MERCK & CO., INC., US
[85] 2004-08-16
[86] 2003-02-14 (PCT/US2003/004564)
[87] 2003-08-28 (WO2003/070891)
[30] US (60/358,331) 2002-02-20

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[13] A1

[51] **Int.Cl. 7C12P 19/34 7C12Q 1/68**
[25] EN
[54] **RECOMBINASE POLYMERASE**
AMPLIFICATION
[54] **AMPLIFICATION DE LA**
RECOMBINASE POLYMERASE
[72] STEMPLE, DEREK L., GB
[72] ARMES, NIALL A., GB
[71] ASM SCIENTIFIC, INC., US
[85] 2004-08-16
[86] 2003-02-21 (PCT/US2003/005492)
[87] 2003-09-04 (WO2003/072805)
[30] US (60/358,563) 2002-02-21

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[13] A1

[51] **Int.Cl. 7C07H 21/02 7A61K 48/00**
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7C12N 15/85 7C12N 15/86
[25] EN
[54] **METHODS FOR PRODUCING**
INTERFERING RNA MOLECULES IN
MAMMALIAN CELLS AND
THERAPEUTIC USES FOR SUCH
MOLECULES
[54] **PROCEDE DE PRODUCTION DE**
MOLECULES D'ARN
D'INTERFERENCE DANS DES
CELLULES MAMMALIENNES ET
APPLICATIONS THERAPEUTIQUES
POUR DE TELLES MOLECULES
[72] LEE, NAN-SOOK, US
[72] ROSSI, JOHN J., US
[71] CITY OF HOPE, US
[85] 2004-08-16
[86] 2003-02-13 (PCT/US2003/004203)
[87] 2003-08-21 (WO2003/068797)
[30] US (60/356,127) 2002-02-14

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[13] A1

[51] **Int.Cl. 7C12N 13/00 7G01N 33/00**
7G01N 33/543 7G01N 33/548 7G01N 33/
564
[25] EN
[54] **METHODS ANC COMPOSITIONS**
FOR IN VIVO CLEARANCE OF
PATHOGENS
[54] **PROCEDES ET COMPOSITIONS**
POUR L'EPURATION DE
PATHOGENES IN VIVO
[72] LOPEZ, MARTIN J., US
[72] RAMBERG, ELLIOT R., US
[71] CYGENE, INC., US
[85] 2004-08-16
[86] 2003-02-14 (PCT/US2003/004680)
[87] 2003-10-16 (WO2003/085123)
[30] US (60/357,336) 2002-02-15
[30] US (60/358,859) 2002-02-22

[21] **2,476,559**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/85**
[25] EN
[54] **REGULATED VECTORS FOR**
CONTROLLING DNA
HYPERMUTABILITY IN EUKARIOTIC
CELLS
[54] **VECTEURS REGULANT**
L'HYPERMUTABILITE D'ADN DANS
DES CELLULES EUCARYOTES
[72] GRASSO, LUIGI, US
[72] NICOLAIDES, NICHOLAS C., US
[72] SASS, PHILIP M., US
[71] MORPHOTEK, INC., US
[85] 2004-08-16
[86] 2003-02-21 (PCT/US2003/005193)
[87] 2003-09-12 (WO2003/074655)
[30] US (60/358,602) 2002-02-21

[21] **2,476,567**
[13] A1

[51] **Int.Cl. 7C07K 11/02 7C07K 9/00**
7C07K 7/08
[25] EN
[54] **A PROCESS FOR THE**
PRODUCTION OF RAMOPLANIN-
LIKE AMIDE DERIVATIVES
[54] **PROCEDE DESTINE A PRODUIRE**
DES DERIVES D'AMIDE DE TYPE
RAMOPLANINE
[72] CHECCHIA, ANNA, IT
[72] ROMANO', GABRIELLA, IT
[72] PANZONE, GIANBATTISTA, IT
[72] CANDIANI, GIANPAOLO, IT
[72] CIABATTI, ROMEO, IT
[72] MAFFIOLI, SONIA, IT
[71] VICURON PHARMACEUTICALS
INC., US
[85] 2004-08-16
[86] 2003-02-26 (PCT/EP2003/001961)
[87] 2003-09-18 (WO2003/076460)
[30] EP (02005408.6) 2002-03-08

[21] **2,476,683**
[13] A1

[51] **Int.Cl. 7C07H 19/16**
[25] EN
[54] **PARTIAL AND FULL AGONISTS**
OF A1? ADENOSINE RECEPTORS
[54] **AGONISTES PARTIELS ET**
COMPLETS DES RECEPTEURS DE
L'ADENOSINE A1
[72] ELZEIN, ELFATIH, US
[72] SHENK, KEVIN, US
[72] IBRAHIM, PRABHA, US
[72] JIANG, ROBERT, US
[72] ZABLOCKI, JEFF, US
[72] LI, XIAOFEN, US
[72] MORRISON, CHRISTOPHER, US
[72] PERRY, THAO, US
[72] XIAO, DENGMIN, US
[71] CV THERAPEUTICS, INC., US
[85] 2004-08-18
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[87] 2003-08-28 (WO2003/070739)
[30] US (60/357,961) 2002-02-19

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[13] A1
[51] **Int.Cl. 7C07K 5/065 7A61K 38/05**
7A61P 25/06 7A61K 9/12 7C07D 401/14
7A61K 31/517
[25] EN
[54] **PROCESS FOR PREPARATION OF**
AN INHALATION POWDER
CONTAINING A SALT OF THE CGRP
ANTAGONIST BIBN4096
[54] **PROCEDE DE PREPARATION**
D'UN INHALANT EN POUDRE
CONTENANT UN SEL DE
L'ANTAGONISTE DU CGRP BIBN4096
[72] WEILER, CLAUDIUS, DE
[72] TRUNK, MICHAEL, DE
[71] BOEHRINGER INGELHEIM
PHARMA GMBH & CO. KG, DE
[85] 2004-08-17
[86] 2003-02-14 (PCT/EP2003/001482)
[87] 2003-08-28 (WO2003/070753)
[30] DE (102 06 770.8) 2002-02-19

[21] **2,476,724**
[13] A1
[51] **Int.Cl. 7C12N 15/63 7A01N 43/04**
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[25] EN
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[72] FONG, YUMAN, US
[71] SLOAN-KETTERING INSTITUTE
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[54] **COMPOSITIONS AND METHODS**
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OF INFLAMMATORY BOWEL
DISEASE
[54] **COMPOSITIONS ET PROCEDES**
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INTESTINALE INFLAMMATOIRE
[72] HOSKEN, NANCY ANN, US
[72] HERSHBERG, ROBERT M., US
[72] MOHAMATH, RAODOH, US
[72] LODES, MICHAEL J., US
[71] CORIXA CORPORATION, US
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[54] **THERAPEUTIC METHODS**
EMPLOYING PAI-1 INHIBITORS AND
TRANSGENIC NON-HUMAN ANIMAL
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INHIBITORS
[54] **THERAPIES A BASE**
D'INHIBITEURS DES PAI-1 ET
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[72] EREN, MESUT, US
[72] DECLERCK, PAUL J., BE
[72] VAUGHAN, DOUGLAS E., US
[71] DECLERCK, PAUL J., BE
[71] VANDERBILT UNIVERSITY, US
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[54] **USE OF THE MAL PROTEIN AS A**
TUMOUR MARKER
[54] **UTILISATION DE LA PROTEINE**
MAL COMME MARQUEUR TUMORAL
[72] ACEVEDO BARBERA, AGUSTIN
LUIS, ES
[72] MARAZUELA AZPIROZ, MONICA,
ES
[72] ALONSO LEBRERO, MIGUEL
ANGEL, ES
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THE RELATIVE IMMUNOGENICITY
OF PROTEINS
[54] **EVALUATIONS FONDEES SUR**
DES POPULATIONS ET MOYENS
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[72] HARDING, FIONA A., US
[71] GENENCOR INTERNATIONAL,
INC., US
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[54] **CRYSTALS OF GLUCOPYRANOSYLOXYBENZYL BENZENE DERIVATIVE**
[54] **CRISTAUX DE DERIVE DE GLUCOPYRANOSYLOXYBENZYL BENZENE**
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[72] IYOBE, AKIRA, JP
[72] TERANISHI, HIROTAKA, JP
[72] YONEKUBO, SHIGERU, JP
[72] TATANI, KAZUYA, JP
[71] KISSEI PHARMACEUTICAL CO., LTD., JP
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[54] **IDENTIFICATION DE SEQUENCES NUCLEOTIDIQUES SUR LA BASE DE LIGATURES ENZYMATIQUES**
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[72] WANG, XUN, US
[72] SHI, LIANG, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **METHODS AND APPARATUSES FOR CHARACTERIZING STABILITY OF BIOLOGICAL MOLECULES**
[54] **METHODES ET DISPOSITIFS DESTINES A CARACTERISER LA STABILITE DE MOLECULES BIOLOGIQUES**
[72] MARKIN, EUGENE, CA
[72] SENISTERRA, GUILLERMO, CA
[72] HUI, RAYMOND, CA
[72] YAMAZAKI, KEN, CA
[71] AFFINIUM PHARMACEUTICALS, INC., CA
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[54] **USE OF AN INHIBITOR OR ANTAGONIST AGAINST TISSUE FACTOR**
[54] **UTILISATION D'UN INHIBITEUR OU ANTAGONISTE DU FACTEUR TISSULAIRE**
[72] NILSSON, BO, SE
[72] KORSGREN, OLLE, SE
[71] PROPHY MED AB, SE
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[54] **MACROLIDES A ACTIVITE ANTIBACTERIENNE**
[72] GUERRY, PHILIPPE, CH
[72] BLANCHARD, STEPHANIE, FR
[72] KELLENBERGER, JOHANNES LAURENZ, CH
[71] BASILEA PHARMACEUTICA AG, CH
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[54] **PHARMACEUTICAL AND COSMETIC COMPOSITIONS COMPRISING PLGF-1**
[54] **COMPOSITIONS PHARMACEUTIQUES ET COSMETIQUES RENFERMANT LE FACTEUR DE CROISSANCE PLACENTAIRE (PLGF)**
[72] SALVIA, GIUSEPPE, IT
[72] CONTI, ETTORE, IT
[72] BATTISTI, MAURO, IT
[72] MAGLIONE, DOMENICO, IT
[72] TUCCI, MARINA, IT
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[54] **PREPARATION DE POLYPEPTIDES**
[72] REMMELE, RICHARD L., JR., US
[72] GOMBOTZ, WAYNE R., US
[71] IMMUNEX CORPORATION, US
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[25] EN
[54] **ACTIVE AGENT DELIVERY SYSTEMS AND METHODS FOR PROTECTING AND ADMINISTERING ACTIVE AGENTS**
[54] **SYSTEMES DE DISTRIBUTION D'AGENTS ACTIFS ET METHODES DE PROTECTION ET D'ADMINISTRATION D'AGENTS ACTIFS**
[72] OLON, LAWRENCE P., US
[72] KIRK, RANDAL J., US
[72] PICCARIELLO, THOMAS, US
[71] NEW RIVER PHARMACEUTICALS INC., US
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[54] **MATERIALS AND METHODS RELATING TO CANCER DIAGNOSIS**
[54] **MATERIAUX ET PROCEDES RELATIFS AU DIAGNOSTIC DU CANCER**
[72] OOI, CHIA HUEY, SG
[72] KUN, YU, SG
[72] AGGARWAL, AMIT, SG
[72] TAN, PATRICK, SG
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[54] **METHOD OF CONSTRUCTING GERMLINE CHIMERIC ANIMAL**
[54] **PROCEDE DE CONSTRUCTION D'ANIMAL CHIMERE A LIGNEE GERMINALE**
[72] NAGAO, YASUMITAU, JP
[72] IMAI, HIROSHI, JP
[72] HORII, TAKURO, JP
[72] TOTSUKA, YOSHIKAZU, JP
[71] NAGAO, YASUMITAU, JP
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[54] **HETEROCYCLIC AMIDE DERIVATIVES HAVING GLYCOGEN PHOSPHORYLASE INHIBITORY ACTIVITY**
[54] **DERIVES D'AMIDES HETEROCYCLIQUES POSSEDANT UNE ACTIVITE D'INHIBITION DE LA GLYCOGENE PHOSPHORYLASE**
[72] WHITTAMORE, PAUL ROBERT OWEN, GB
[72] BENNETT, STUART NORMAN LILE, GB
[72] SIMPSON, IAIN, GB
[71] ASTRAZENECA AB, SE
[85] 2004-08-23
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[51] **Int.Cl. 7A61K 39/395 7C07K 16/28**
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[54] **ADMINISTRATION OF AGENTS FOR THE TREATMENT OF INFLAMMATION**
[54] **ADMINISTRATION D'AGENTS POUR LE TRAITEMENT D'UNE INFLAMMATION**
[72] YEDNOCK, TED A., US
[72] TAYLOR, JULIE, US
[71] ELAN PHARMACEUTICALS, INC., US
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[54] **SYSTEMES GENETIQUES DE POISON/ANTIDOTE POUR LA SELECTION DE CELLULES OU D'ORGANISMES EUCARYOTES GENETIQUEMENT MODIFIES**
[72] MILINKOVITCH, MICHEL, BE
[72] SZPIRER, CEDRIC, BE
[72] GABANT, PHILIPPE, BE
[71] UNIVERSITE LIBRE DE BRUXELLES, BE
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[54] **PIPERIDINE OURACIL USED AS A MEDICAMENT FOR TREATING BACTERIAL INFECTIONS**
[54] **PIPERIDINE OURACILE EN TANT QUE MEDICAMENT POUR TRAITER DES INFECTIONS BACTERIENNES**
[72] SVENSTRUP, NIELS, DE
[72] KELDENICH, JOERG, DE
[72] KUHL, ALEXANDER, DE
[72] OTTENEDER, MICHAEL, DE
[72] FLUBACHER, DIETMAR, DE
[72] BRANDS, MICHAEL, DE
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING EPITHELIAL AND RETINAL TISSUE DISEASES**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES DES TISSUS EPITHELIAUX ET RETINIENS**
[72] SHAVER, SAMMY RAY, US
[72] PETERSON, WARD M., US
[72] CREAM, CHRISTOPHER S., US
[72] BROWN, EDWARD G., US
[72] YERXA, BENJAMIN R., US
[72] DOUGLASS, JAMES G., III, US
[71] INSPIRE PHARMACEUTICALS, INC., US
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[25] EN
[54] **TREATMENT FOR ASTHMA OR ALLERGIES**
[54] **TRAITEMENT DE L'ASTHME OU DES ALLERGIES**
[72] ZIMMERMANN, NIVES, US
[72] ROTHENBERG, MARC, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
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[54] **METHODS AND PRODUCTS BASED ON OLIGOMERIZATION OF STRESS PROTEINS**
[54] **METHODES FONDEES SUR L'OLIGOMERISATION DE PROTEINES DE STRESS ET PRODUITS ASSOCIES**
[72] LIU, CHUANLIANG, US
[72] ZABRECKY, JAMES R., US
[72] WASSERMAN, ANDREW, US
[72] MONKS, STEPHEN A., US
[72] SRIVASTAVA, PRAMOD K., US
[71] UNIVERSITY OF CONNECTICUT HEALTH CENTER, US
[71] ANTIGENICS INC., US
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[54] **DIAMINO-PYRIMIDINES AND THEIR USE AS ANGIOGENESIS INHIBITORS**
[54] **DIAMINO-PYRIMIDINES ET LEURS UTILISATIONS EN TANT QU'INHIBITEURS DE L'ANGIOGENESE**
[72] SAMMOND, DOUGLAS MCCORD, US
[72] SEMONES, MARCUS, US
[72] NAILOR, KRISTEN ELIZABETH, US
[72] JOHNSON, NEIL W., US
[72] EMERSON, HOLLY KATHLEEN, US
[72] CHAMBERLAIN, STANLEY DAWES, US
[72] CHEUNG, MUI, US
[71] SMITHKLINE BEECHAM CORPORATION, US
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[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7C12P 19/34**
[25] EN
[54] **METHOD OF ERROR REDUCTION IN NUCLEIC ACID POPULATIONS**
[54] **METHODE DE REDUCTION D'ERREURS DANS DES POPULATIONS D'ACIDES NUCLEIQUES**
[72] RICHMOND, KATHRYN E., US
[72] CERRINA, FRANCESCO, US
[72] KAYSEN, JAMES H., US
[72] BELSHAW, PETER J., US
[72] SUSSMAN, MICHAEL R., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[87] 2003-09-04 (WO2003/072832)
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[54] **NOVEL GLUCOSE 6-OXIDASES**
[54] **NOUVELLES GLUCOSE 6-OXYDASES**
[72] PETROUNIA, LOANNA P., US
[72] SUN, LIAN-HONG, US
[72] ARNOLD, FRANCES H., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2004-08-26
[86] 2003-02-27 (PCT/US2003/005655)
[87] 2003-09-04 (WO2003/072742)
[30] US (60/359,878) 2002-02-27
[30] US (60/400,417) 2002-08-01

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[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7G01N 33/566 7C07K 14/705**
[25] EN
[54] **CLONING AND CHARACTERIZATION OF SLC26A6, SLC26A1, AND SLC26A2 ANION EXCHANGERS**
[54] **CLONAGE ET CARACTERISATION D'ECHANGEURS D'ANIONS SLC26A6, SLC26A1 ET SLC26A2**
[72] MOUNT, DAVID B., JR., US
[72] ROMERO, MICHAEL F., US
[71] VANDERBILT UNIVERSITY, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
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[25] EN
[54] **CLONING AND CHARACTERIZATION OF SLC26A7 AND SLC26A9 ANION EXCHANGERS**
[54] **CLONAGE ET CARACTERISATION D'ECHANGEURS D'ANIONS SLC26A7 ET SLC26A9**
[72] MOUNT, DAVID, B. JR., US
[72] ROMERO, MICHAEL, F., US
[71] VANDERBILT UNIVERSITY, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2004-08-26
[86] 2003-02-28 (PCT/US2003/006220)
[87] 2003-09-12 (WO2003/074664)
[30] US (60/360,287) 2002-02-28

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[25] EN
[54] **MODULATION OF PROTEIN METHYLATION AND PHOSPHOPROTEIN PHOSPHATE**
[54] **MODULATION DE LA METHYLATION DE PROTEINES ET DU PHOSPHATE DES PHOSPHOPROTEINES**
[72] STOCK, JEFFRY, US
[72] STOCK, MAXWELL, US
[72] STOCK, GREGORY, US
[72] VAFAI, SCOTT, US
[71] SIGNUM BIOSCIENCES, INC., US
[85] 2004-08-27
[86] 2003-03-13 (PCT/US2003/007658)
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[30] US (60/363,537) 2002-03-13

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[25] EN
[54] **METHODS OF CONSTRUCTING A MODEL OF CELLULAR DEVELOPMENT AND DIFFERENTIATION USING HOMOZYGOUS STEM CELL SYSTEMS, METHODS OF ASSESSING AND CATALOGING PROTEINS EXPRESSED THEREIN, CDNA LIBRARIES GENERATED THEREFROM, AND MATERIALS AND METHODS USING SAME**
[54] **PROCEDE DE CONSTRUCTION D'UN MODELE DE DEVELOPPEMENT ET DE DIFFERENCIATION CELLULAIRES A L'AIDE DE SYSTEMES DE CELLULES SOUCHES HOMOZYGOTES, PROCEDES D'EVALUATION ET DE CATALOGAGE DE PROTEINES Y ETANT EXPRIMEES, BIBLIOTHEQUES D'ADNC EN ETANT CONSTITUEES, ET MATERIAUX ET PROCEDES LES UTILISANT**
[72] LIN, HUAN, US
[72] HUANG, STEVE CHIEN-WEN, US
[71] STEMRON, INC., US
[85] 2004-08-31
[86] 2003-03-03 (PCT/US2003/006278)
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[25] EN
[54] **HETEROCYCLIC AMIDES WITH ALPHA-4 INTEGRIN ANTAGONIST ACTIVITY**
[54] **AMIDES HETEROCYCLIQUES A ACTIVITE ANTAGONISTE DE L'ALPHA-4 INTEGRINE**
[72] ALVAREZ FARRERONS, CRISTINA, ES
[72] ANDREU AZANZA, JUAN ANDRES, ES
[72] SALAS SOLANA, JORGE, ES
[72] CARCELLER GONZALEZ, ELENA, ES
[71] J. URIACH Y COMPANIA S.A., ES
[85] 2004-08-31
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[30] ES (2002 00805) 2002-04-08

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[51] **Int.Cl. 7C12N 5/12 7C07K 16/18**
7G01N 33/574
[25] EN
[54] **SHC PROTEIN-RELATED**
METHODS AND COMPOSITIONS FOR
THE PROGNOSIS OF BREAST,
PROSTATE AND OVARIAN CANCER
[54] **COMPOSITIONS ET PROCEDES**
SE RAPPORTANT A LA PROTEINE
SHC POUR LE PRONOSTIC DE
CANCER DU SEIN, DE LA PROSTATE
ET DE L'OVAIRE
[72] FRACKELTON, RAYMOND A., US
[72] DAVOL, PAMELA A., US
[71] ROGER WILLIAM HOSPITAL, US
[85] 2004-09-01
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[13] A1
[51] **Int.Cl. 7C08L 83/06 7C08L 83/04**
7C08G 77/14 7C08G 77/16
[25] EN
[54] **HIGH FRACTURE TOUGHNESS**
HYDROSILYATION CURED SILICONE
RESIN
[54] **RESINE DE SILICONE DURCIE**
PAR HYDROSILYLATION A FORTE
TENACITE A LA RUPTURE
[72] KATSOULIS, DIMITRIS E., US
[72] KERYK, JOHN R., US
[72] ZHU, BIZHONG, US
[72] MCGARRY, FREDERICK J., US
[72] LI, ZHONGTAO, US
[71] MASSACHUSETTS INSTITUTE OF
TECHNOLOGY, US
[71] DOW CORNING CORPORATION, US
[85] 2004-09-01
[86] 2003-02-20 (PCT/US2003/005357)
[87] 2003-09-18 (WO2003/076507)
[30] US (10/092,055) 2002-03-05

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[51] **Int.Cl. 7C12N 15/12 7C07K 16/32**
7A61K 39/395 7G01N 33/574 7C12Q 1/68
7C07K 14/82
[25] EN
[54] **NOVEL COMPOSITIONS AND**
METHODS FOR CANCER
[54] **NOUVEAUX PROCEDES ET**
COMPOSITIONS DE LUTTE CONTRE
LE CANCER
[72] MORRIS, DAVID W., US
[71] SAGRES DISCOVERY, INC., US
[85] 2004-09-10
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[30] US (10/087,192) 2002-03-01

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[51] **Int.Cl. 7C12N 9/12 7G06F 19/00**
7G01N 23/20 7G01N 33/53 7C30B 29/58
[25] EN
[54] **CRYSTALLINE STRUCTURE OF**
HUMAN MAPKAP KINASE-2
[54] **STRUCTURE CRISTALLINE DE**
LA MAPKAP KINASE-2 HUMAINE
[72] KURUMBAIL, RAVI G., US
[72] STALLINGS, WILLIAM C., US
[72] SHIEH, HUEY-SHENG, US
[72] BROADUS, RICHARD M., US
[72] MOUREY, ROBERT J., US
[72] STEGEMAN, RODERICK A., US
[72] BOLTEN, SUZANNE L., US
[72] PAWLITZ, JENNIFER L., US
[71] PHARMACIA CORPORATION, US
[85] 2004-09-01
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[25] EN
[54] **THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE**
[54] **POLYPEPTIDES THERAPEUTIQUES, ACIDES NUCLEIQUES CODANT POUR EUX ET LEUR PROCEDE D'UTILISATION**

[72] RASTELLI, LUCA, US
[72] SMITHSON, GLENNDA, US
[72] QIAN, XIAZHONG, US
[72] SPYTEK, KIMBERLY A., US
[72] MILLET, ISABELLE, US
[72] ETTENBERG, SETH, US
[72] GUO, XIAOJIA, US
[72] MILLER, CHARLES E., US
[72] EDINGER, SHLOMIT R., US
[72] PEYMAN, JOHN, US
[72] RIEGER, DANIEL K., US
[72] SUKUMARAN, SUJATHA, US
[72] GORMAN, LINDA, US
[72] STONE, DAVID J., US
[72] GERLACH, VALERIE L., US
[72] GANGOLLI, ESHA A., US
[72] KEKUDA, RAMESH, US
[72] ALSOBROOK, JOHN P., II, US
[72] ZHONG, MEI, US
[72] ANDERSON, DAVID W., US
[72] MALYANKAR, URIEL M., US
[72] VOSS, EDWARD Z., US
[72] VERNET, CORINE A. M., US
[72] LI, LI, US
[72] MACLACHLAN, TIMOTHY, US
[72] COLMAN, STEVEN D., US
[72] BOLDOG, FERENC L., US
[72] PATTURAJAN, MEERA, US
[72] MEZES, PETER S., US
[72] CHAUDHURI, AMITABHA, US
[72] BURGESS, CATHERINE E., US
[72] PADIGARU, MURALIDHARA, US
[71] CURAGEN CORPORATION, US
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[30] US (10/093,463) 2002-03-08
[30] US (PCT/US02/07288) 2002-03-08
[30] US (60/365,034) 2002-03-15
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[30] US (60/389,143) 2002-06-14
[30] US (60/391,779) 2002-06-26

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[30] US () 2003-03-05

[21] **2,478,036**
[13] A1

[51] **Int.Cl. 7G01N 33/574 7G01N 33/543 7G01N 30/72**

[25] EN
[54] **USE OF BIOMARKERS TO DETECT BREAST CANCER**
[54] **UTILISATION DE BIOMARQUEURS POUR DETECTER LE CANCER DU SEIN**

[72] LI, JINONG, US
[72] ZHANG, ZHEN, US
[72] CHAN, DANIEL W., US
[71] JOHNS HOPKINS UNIVERSITY, US
[85] 2004-09-02
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[13] A1

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[25] EN
[54] **HUMANIZED ANTIBODIES THAT RECOGNIZE BETA AMYLOID PEPTIDE**
[54] **ANTICORPS HUMANISES QUI RECONNAISSENT LE PEPTIDE BETA-AMYLOIDE**

[72] BASI, GURIQ, US
[72] SALDANHA, JOSE, GB
[71] WYETH, US
[71] NEURALAB LIMITED, BM
[85] 2004-09-02
[86] 2003-03-12 (PCT/US2003/007715)
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[13] A1

[51] **Int.Cl. 7C07D 417/06 7A61P 35/00 7C07D 401/04 7C07D 403/06 7C07D 413/06 7A61K 45/06 7A61K 31/415 7A61K 31/416 7A61K 31/4439 7A61K 31/454 7A61K 31/5377**

[25] EN
[54] **MITOTIC KINESIN INHIBITORS**
[54] **INHIBITEURS DE KINESINE MITOTIQUE**

[72] MARIANO, BRENDA J., US
[72] TORRENT, MARICEL, US
[72] HARTMAN, GEORGE D., US
[72] BRESLIN, MICHAEL J., US
[72] COLEMAN, PAUL J., US
[72] COX, CHRISTOPHER D., US
[72] CULBERSON, J. CHRISTOPHER, US
[71] MERCK & CO., INC., US
[85] 2004-08-31
[86] 2003-03-04 (PCT/US2003/006403)
[87] 2003-10-02 (WO2003/079973)
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[13] A1

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[25] EN
[54] **USES OF MONOCLONAL ANTIBODY 8H9**
[54] **UTILISATIONS D'ANTICORPS 8H9 MONOCLONAUX**

[72] CHEUNG, NAI-KONG V., US
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
[85] 2004-09-03
[86] 2003-03-06 (PCT/US2003/007004)
[87] 2003-09-18 (WO2003/075846)
[30] US (10/097,558) 2002-03-08
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[13] A1
[51] **Int.Cl. 7C12N 15/16 7A01K 67/00 7C12Q 1/68**
[25] EN
[54] **QUANTITATIVE TRAIT LOCI AND SOMATOSTATIN**
[54] **SOMATOSTATINE ET LOCUS QUANTITATIFS**
[72] CAI, LI, US
[72] TAYLOR, JEREMY, US
[72] SMYTH, KERRIE-ANN, US
[72] DAVIS, SARA, US
[72] DAVIS, SCOTT, US
[72] LEHN, CATHI, US
[72] FINDEISEN, BRIAN, US
[71] THE TEXAS A & M UNIVERSITY SYSTEMS, US
[85] 2004-09-03
[86] 2003-03-04 (PCT/US2003/006537)
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[30] US (60/361,589) 2002-03-04

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[13] A1
[51] **Int.Cl. 7C12N 15/54 7A61K 45/00 7C12P 21/02 7C12Q 1/02 7A01K 67/027 7C12N 9/12 7C07K 16/40 7G01N 33/53 7C12Q 1/68**
[25] EN
[54] **ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF**
[54] **PROTEINES KINASES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT DES PROTEINES KINASES HUMAINES, ET LEURS UTILISATIONS**
[72] YAN, CHUNHUA, US
[72] GONG, FANGCHENG, US
[71] APPLERA CORPORATION, US
[85] 2004-09-02
[86] 2003-03-05 (PCT/US2003/006665)
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[25] EN
[54] **ISOLATED HUMAN TRANSPORTER PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS, AND USES THEREOF**
[54] **PROTEINES TRANSPORTEURS HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT DES PROTEINES TRANSPORTEURS HUMAINES ET LEURS UTILISATIONS**
[72] QI, RONG, US
[72] NEELAM, BEENA, US
[72] YAN, CHUNHUA, US
[71] APPLERA CORPORATION, US
[85] 2004-09-03
[86] 2003-03-05 (PCT/US2003/006667)
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[30] US (60/361,335) 2002-03-05

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[51] **Int.Cl. 7A61K 51/00 7A61K 41/00 7A61K 49/00 7A61B 5/06 7A61N 5/06 7G01N 21/64**
[25] EN
[54] **METHODS AND DEVICES FOR DETECTION AND THERAPY OF ATHEROMATOUS PLAQUE**
[54] **METHODES ET DISPOSITIFS DE DETECTION ET DE THERAPIE DE PLAQUES ATHEROMATEUSES**
[72] FISCHMAN, ALAN, US
[72] HAMBLIN, MICHAEL R., US
[72] TAWAKOL, AHMED, US
[72] MULLER, JAMES, US
[72] HASAN, TAYYABA, US
[72] ELMALEH, DAVID R., US
[72] DAGHIGHIAN, FARHAD, US
[72] ANDERSON, ROX, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[87] 2003-09-25 (WO2003/077723)
[30] US (60/365,673) 2002-03-15
[30] US (10,163,744) 2002-06-04
[30] US (10/215,600) 2002-08-09
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[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 45/00 7C12P 21/02 7C12Q 1/02 7A01K 67/027 7C07K 14/47 7G01N 33/53 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **ISOLATED HUMAN TRANSPORTER PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS, AND USES THEREOF**
[54] **PROTEINES TRANSPORTEUSES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT CELLES-CI, ET UTILISATIONS ASSOCIEES**
[72] NEELAM, BEENA, US
[72] YAN, CHUNHUA, US
[72] YAN, XIANGHE, US
[71] APPLERA CORPORATION, US
[85] 2004-09-03
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[30] US (60/361,343) 2002-03-05

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[13] A1
[51] **Int.Cl. 7C08L 83/04 7B29D 11/00 7C08L 39/06 7C08L 33/12 7C08L 33/26 7C08F 2/38**
[25] EN
[54] **LOW POLYDISPERSITY POLY-HEMA COMPOSITIONS**
[54] **COMPOSITIONS DE POLY-HEMA DE FAIBLE POLYDISPERSITE**
[72] KINDT-LARSEN, TURE, DK
[72] WOLFF, PER, DK
[72] SORENSEN, JENS-ERIK, DK
[72] STEENSTRUP, FREDERIK RESEN, DK
[72] ROSSIGNOL, HELENE, DK
[72] MOLOCK, FRANK F., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2004-09-03
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[30] US (60/363,639) 2002-03-11
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[13] A1
[51] Int.Cl. 7C12N 15/12 7A61K 48/00
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7C07K 14/47 7G01N 33/53 7C12N 15/63
7C12Q 1/68 7A61K 31/7088
[25] EN
[54] **41 HUMAN SECRETED PROTEINS**
[54] **41 PROTEINES SECRETEES**
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[72] ROSEN, CRAIG A., US
[72] RUBEN, STEVEN M., US
[71] HUMAN GENOME SCIENCES, INC.,
US
[85] 2004-04-23
[86] 2002-11-06 (PCT/US2002/035606)
[87] 2003-06-26 (WO2003/052377)
[30] US (60/331,046) 2001-11-07

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[13] A1
[51] Int.Cl. 7C12N 15/12 7C07K 19/00
7C12P 21/02 7A61K 38/17 7C07K 16/28
7A61K 39/395 7C12N 15/63 7C07K 14/705
[25] EN
[54] **NOVEL POLYPEPTIDES HAVING**
SEQUENCE SIMILARITY TO GDNFR
AND NUCLEIC ACIDS ENCODING THE
SAME
[54] **NOUVEAUX POLYPEPTIDES**
PRESENTANT UNE SIMILARITE DE
SEQUENCE AVEC UN GDNFR ET
ACIDES NUCLEIQUES LES CODANT
[72] GRIMALDI, CHRISTOPHER J., US
[72] WOOD, WILLIAM I., US
[72] SESHAGIRI, SOMASEKAR, US
[72] ZHANG, ZEMIN, US
[72] STINSON, JEREMY, US
[71] GENENTECH, INC., US
[85] 2004-09-07
[86] 2003-02-18 (PCT/US2003/005169)
[87] 2003-09-18 (WO2003/076569)
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[13] A1
[51] Int.Cl. 7C07K 16/32 7A61P 35/00
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7A61K 39/395 7A61K 47/48 7C12Q 1/68
7C07K 14/82
[25] EN
[54] **CANCER-LINKED GENE AS**
TARGET FOR CHEMOTHERAPY
[54] **GENES LIES AU CANCER**
UTILISES COMME CIBLES EN
CHIMIOThERAPIE
[72] YOUNG, PAUL E., US
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[72] WEAVER, ZOE, US
[71] AVALON PHARMACEUTICALS, US
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[30] US (60/361,461) 2002-03-04

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[13] A1
[51] Int.Cl. 7C07K 16/32 7A61P 35/00
7C12Q 1/00 7A61K 38/17 7A61K 47/48
7G01N 33/574 7C07K 14/82
[25] EN
[54] **CANCER-LINKED GENE AS**
TARGET FOR CHEMOTHERAPY
[54] **GENE LIE AU CANCER SERVANT**
DE CIBLE POUR LA
CHIMIOThERAPIE
[72] STROVEL, JEFFREY W., US
[72] EBNER, REINHARD, US
[72] YOUNG, PAUL E., US
[71] AVALON PHARMACEUTICALS, US
[85] 2004-09-02
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[30] US (60/362,527) 2002-03-07

[21] **2,478,675**
[13] A1
[51] Int.Cl. 7A61K 38/17 7A61P 7/04
[25] EN
[54] **INHIBITORS FOR USE IN**
HEMOSTASIS
[54] **INHIBITEURS CONVENANT**
PARTICULIEREMENT POUR
L'HEMOSTASE
[72] LASSER, GERALD W., US
[72] MEEHAN, WOERNER P., US
[72] FRUEBIS, JOACHIM, US
[72] BISHOP, PAUL D., US
[71] ZYMOGENETICS, INC., US
[85] 2004-09-08
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[30] US (60/363,103) 2002-03-08
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[21] **2,478,683**
[13] A1
[51] Int.Cl. 7C07K 16/30 7A61P 35/00
7A61K 39/395 7A61K 31/40 7A61K 47/48
7G01N 33/574
[25] EN
[54] **ANTIBODIES AGAINST CANCER**
ANTIGEN TMEFF2 AND USES
THEREOF
[54] **ANTICORPS DIRIGES CONTRE**
L'ANTIGENE CANCEREUX TMEFF2
ET UTILISATIONS DE CEUX-CI
[72] AFAR, DANIEL, US
[72] BHASKAR, VINAY, US
[72] LAW, DEBBIE, US
[72] MURRAY, RICHARD, US
[72] RAMAKRISHNAN, VANITHA, US
[72] POWERS, DAVID, US
[72] CARAS, INGRID, US
[72] DE LA CALLE, AGUSTIN, DE
[71] PROTEIN DESIGN LABS, INC., US
[85] 2004-09-07
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[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/02 7C07H 21/04 7C12P 19/34**
[25] EN
[54] **METHODS FOR GENERATING DOUBLE STRANDED DNA COMPRISING A 3' SINGLE STRANDED PORTION AND USES OF THESE COMPLEXES FOR RECOMBINATION**
[54] **PROCEDES D'OBTENTION D'ADN A DOUBLE BRIN COMPRENANT UNE PORTION 3' A SIMPLE BRIN, ET UTILISATION DE CES COMPLEXES A DES FINS DE RECOMBINAISON**
[72] WANG, MARTIN JUNHONG, US
[72] KURN, NURITH, US
[71] NUGEN TECHNOLOGIES, INC., US
[85] 2004-09-09
[86] 2003-03-11 (PCT/US2003/007425)
[87] 2003-09-25 (WO2003/078645)
[30] US (60/363,729) 2002-03-11

[21] **2,478,930**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61K 39/00 7A61P 35/00 7C07K 7/06 7A61K 38/08 7A61K 39/385**
[25] EN
[54] **EPITOPE CONSTRUCTS COMPRISING ANTIGEN PRESENTING CELL TARGETING MECHANISMS**
[54] **PRODUITS DE RECOMBINAISON D'EPITOPE COMPRENANT DES MECANISMES DE CIBLAGE DE CELLULES PRESENTANT UN ANTIGENE**
[72] BURCH, RONALD M., US
[72] SOLTIS, DANIEL A., US
[71] EUROCELTIQUE, S.A., LU
[85] 2004-09-10
[86] 2003-04-01 (PCT/US2003/010033)
[87] 2003-10-16 (WO2003/084467)
[30] US (60/369,454) 2002-04-01

[21] **2,478,962**
[13] A1

[51] **Int.Cl. 7C07K 16/28 7A61K 38/12 7A61K 38/17 7C07K 1/22 7A61K 39/395 7G01N 33/566 7G01N 33/58 7C07K 7/64 7C07K 14/705**
[25] EN
[54] **CELL SURFACE TROPOMYOSIN AS A TARGET OF ANGIOGENESIS INHIBITION**
[54] **TROPOMYOSINE DE SURFACE CELLULAIRE SERVANT DE CIBLE DE L'INHIBITION DE L'ANGIOGENESE**
[72] DONATE, FERNANDO, US
[72] MCCRAE, KEITH, US
[72] JUAREZ, JOSE, US
[72] MAZAR, ANDREW P., US
[71] ATTENUON, LLC, US
[85] 2004-09-13
[86] 2003-03-17 (PCT/US2003/008060)
[87] 2003-09-25 (WO2003/077872)
[30] US (60/364,047) 2002-03-15

[21] **2,478,925**
[13] A1

[51] **Int.Cl. 7C07K 1/36 7C07K 16/00 7C07K 1/18 7C07K 1/34**
[25] EN
[54] **NON-AFFINITY PURIFICATION OF PROTEINS**
[54] **PURIFICATION DE PROTEINES BASEE SUR LA NON AFFINITE**
[72] FAHRNER, ROBERT LEE, US
[72] LEBRETON, BENEDICTE, US
[72] REIS, ROBERT VAN, US
[72] FOLLMAN, DEBORAH, US
[71] GENENTECH, INC., US
[85] 2004-09-10
[86] 2003-04-25 (PCT/US2003/013054)
[87] 2003-12-11 (WO2003/102132)
[30] US (60/375,953) 2002-04-26

[21] **2,478,957**
[13] A1

[51] **Int.Cl. 7C12N 15/54 7A01H 5/00 7C12P 17/06 7A01H 5/10 7C12N 9/10 7C07K 16/16 7C12N 15/29 7C07K 16/40 7C07K 14/415 7C12N 15/82**
[25] EN
[54] **HOMOGENISATE PRENYL TRANSFERASE ("HPT") NUCLEIC ACIDS AND POLYPEPTIDES, AND USES THEREOF**
[54] **ACIDES NUCLEIQUES ET POLYPEPTIDES SE RAPPORTANT A L'ENZYME HOMOGENISATE PRENYL TRANSFERASE ("HPT"), ET UTILISATIONS CORRESPONDANTES**
[72] VALENTIN, HENRY E., US
[72] KARUNANANDAA, BALASULOJINI, US
[72] VENKATESH, TYAMAGONDLU V., US
[71] MONSANTO TECHNOLOGY, LLC, US
[85] 2004-09-09
[86] 2003-03-18 (PCT/US2003/008468)
[87] 2003-10-02 (WO2003/080647)
[30] US (60/365,202) 2002-03-19
[30] US (10/391,363) 2003-03-18

[21] **2,478,980**
[13] A1

[51] **Int.Cl. 7A61K 31/198 7A61P 25/16 7A61K 9/72**
[25] EN
[54] **PULMONARY DELIVERY FOR LEVODOPA**
[54] **APPORT PULMONAIRE DE LEVODOPA**
[72] JACKSON, BLAIR, US
[72] EMERICH, DWAIN F., US
[72] BENNETT, DAVID J., US
[72] BARTUS, RAYMOND T., US
[71] ADVANCED INHALATION RESEARCH, INC., US
[85] 2004-09-09
[86] 2003-03-19 (PCT/US2003/008659)
[87] 2003-10-02 (WO2003/079992)
[30] US (60/366,471) 2002-03-20

[21] **2,478,981**
[13] A1

[51] **Int.Cl. 7G01N 33/573**
[25] EN
[54] **IDENTIFICATION OF KINASE INHIBITORS**
[54] **IDENTIFICATION D'INHIBITEURS DE KINASE**
[72] BRAISTED, ANDREW, US
[72] PRESCOTT, JOHN C., US
[71] SUNESIS PHARMACEUTICALS, INC., US
[85] 2004-09-08
[86] 2003-03-20 (PCT/US2003/008725)
[87] 2003-10-02 (WO2003/081210)
[30] US (60/366,892) 2002-03-21

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[21] **2,478,983**
[13] A1

[51] **Int.Cl. 7C07H 21/00 7C07H 1/00 7C12N 15/10**
[25] EN
[54] **SOLID PHASE METHODS FOR POLYNUCLEOTIDE PRODUCTION**
[54] **METHODES DE PHASE SOLIDE POUR LA PRODUCTION DE POLYNUCLEOTIDES**
[72] MULLIGAN, JOHN T., US
[72] PARKER, HSING-YEH, US
[71] BLUE HERON BIOTECHNOLOGY, INC., US
[85] 2004-09-08
[86] 2003-04-01 (PCT/US2003/009814)
[87] 2003-10-16 (WO2003/085094)
[30] US (60/369,478) 2002-04-01
[30] US (60/390,522) 2002-06-20

[21] **2,479,233**
[13] A1

[51] **Int.Cl. 7A61B 17/70**
[25] EN
[54] **DEVICE FOR A BALL-AND-SOCKET-TYPE CONNECTION OF TWO PARTS**
[54] **DISPOSITIF PERMETTANT DE RELIER DEUX PIECES A LA MANIERE D'UNE ARTICULATION SPHERIQUE**
[72] DE FRANCESCHI, RENZO, CH
[72] SCHLAEPFER, FRIDOLIN, CH
[71] SYNTHES (U.S.A.), US
[85] 2004-10-06
[86] 2001-12-31 (PCT/CH2001/000744)
[87] 2003-07-24 (WO2003/059182)

[21] **2,479,379**
[13] A1

[51] **Int.Cl. 7G01N 33/493 7G01N 33/48 7C12Q 1/68**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ANALYSIS OF URINE SAMPLES IN THE DIAGNOSIS AND TREATMENT OF KIDNEY DISEASES**
[54] **TECHNIQUES ET COMPOSITIONS DESTINEES A L'ANALYSE D'ECHANTILLONS D'URINE EN VUE DU DIAGNOSTIC ET DU TRAITEMENT DE MALADIE RENALES**
[72] KURNIT, DAVID M., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2004-09-16
[86] 2003-03-27 (PCT/US2003/009389)
[87] 2003-10-09 (WO2003/082202)
[30] US (10/108,969) 2002-03-28

[21] **2,480,045**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/566 7G01N 33/574**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF NON-SMALL CELL LUNG CANCER USING GENE EXPRESSION PROFILES**
[54] **PROCEDE ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER BRONCHOPULMONAIRE "NON A PETITES CELLULES" AU MOYEN DE PROFILES D'EXPRESSION GENIQUE**
[72] WILLEY, JAMES C., US
[72] WEAVER, DAVID A., US
[72] WARNER, KRISTY A., US
[72] GRAVES, TIMOTHY G., US
[72] DEMUTH, JEFFREY P., US
[72] CRAWFORD, ERIN L., US
[71] MEDICAL COLLEGE OF OHIO, US
[85] 2004-09-21
[86] 2003-03-27 (PCT/US2003/009428)
[87] 2003-10-09 (WO2003/082078)
[30] US (60/368,288) 2002-03-28
[30] US (60/368,409) 2002-03-28

[21] **2,480,047**
[13] A1

[51] **Int.Cl. 7A61K 31/675 7A61P 27/00 7A61K 31/4045 7A61K 31/417**
[25] EN
[54] **USE OF ROM PRODUCTION AND RELEASE INHIBITORS TO TREAT AND PREVENT INTRAOCULAR DAMAGE**
[54] **UTILISATION DE LA PRODUCTION DE ROM ET D'INHIBITEURS DE LIBERATION POUR TRAITER ET PREVENIR DES DOMMAGES INTRAOCULAIRES**
[72] GEHLSSEN, KURT R., US
[71] MAXIM PHARMACEUTICALS, INC., US
[85] 2004-09-21
[86] 2003-03-28 (PCT/US2003/009922)
[87] 2003-10-09 (WO2003/082081)
[30] US (60/369,085) 2002-03-29

[21] **2,480,130**
[13] A1

[51] **Int.Cl. 7A61J 3/02 7A61K 9/14**
[25] EN
[54] **METHOD FOR PRODUCING CRYSTALS FROM ACTIVE INGREDIENTS IN MEDICAMENTS, CRYSTALS OBTAINED THEREFROM AND THE USE THEREOF IN PHARMACEUTICAL FORMULATIONS**
[54] **PROCEDE DE PRODUCTION DE CRISTAUX DE PRINCIPES ACTIFS DE MEDICAMENTS, CRISTAUX AINSI OBTENUS ET LEUR UTILISATION DANS LES FORMULATIONS PHARMACEUTIQUES**
[72] GERECKE, HAGEN, DE
[72] GRAWE, DETLEF, DE
[72] HOESEL, PETER, DE
[72] MUELLER, UWE, DE
[72] EICHARDT, ANNETTE, DE
[72] GLIESING, SABINE, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2004-09-21
[86] 2003-04-22 (PCT/EP2003/004153)
[87] 2003-11-06 (WO2003/090721)
[30] DE (102 18 106.3) 2002-04-23

[21] **2,480,162**
[13] A1

[51] **Int.Cl. 7C07K 16/28 7C07K 14/025 7A61K 39/12 7A61K 39/395**
[25] EN
[54] **INDUCTION OF ANTI-TUMOR CTL IMMUNITY THROUGH IN VIVO TRIGGERING OF 4-1BB AND/OR CD40**
[54] **INDUCTION DE L'IMMUNITE ANTITUMORALE CTL PAR UN DECLENCHEMENT IN VIVO DE 4-1BB ET/OU CD40**
[72] VAN MIERLO, GEERTJE, NL
[72] DIEHL, LINDA, NL
[72] MELIEF, CORNELIS J. M., NL
[72] TOES, RENE, NL
[72] OFFRINGA, RIENK, NL
[71] LEIDEN UNIVERSITY MEDICAL CENTER, NL
[85] 2004-09-23
[86] 2003-04-04 (PCT/NL2003/000254)
[87] 2003-10-16 (WO2003/084999)
[30] US (10/115,620) 2002-04-04

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[21] **2,480,213**
[13] A1

[51] **Int.Cl. 7A61K 38/20 7A61P 35/00**
[25] EN
[54] **USE OF INTERLEUKIN-19 TO TREAT OVARIAN CANCER**
[54] **UTILISATION D'INTERLEUKINE 19 POUR TRAITER LE CANCER DE L'OVAIRE**
[72] CHANDRASEKHER, YASMIN A., US
[72] MCKERNAN, PATRICIA A., US
[71] ZYMOGENETICS, INC., US
[85] 2004-09-23
[86] 2003-04-08 (PCT/US2003/010926)
[87] 2003-10-23 (WO2003/086298)
[30] US (60/372,344) 2002-04-11

[21] **2,480,249**
[13] A1

[51] **Int.Cl. 7E21B 7/18 7E21B 7/08**
[25] EN
[54] **NOZZLE FOR JET DRILLING AND ASSOCIATED METHOD**
[54] **BUSE DE FORAGE AU JET**
[72] DOTSON, THOMAS L., US
[72] BELL, WENDELL S., US
[72] MCDANIELS, MICHAEL D., US
[72] BUCKMAN, WILLIAM G., SR., US
[71] BUCKMAN JET DRILLING, INC., US
[85] 2004-10-06
[86] 2003-04-09 (PCT/US2003/010813)
[87] 2003-10-23 (WO2003/087522)
[30] US (10/119,790) 2002-04-10

[21] **2,480,302**
[13] A1

[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING NECROSIS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE TRAITER ET DE PREVENIR LA NECROSE**
[72] NATHAN, ILANA, IL
[72] LICHTENSTEIN, ALEXANDRA, IL
[71] BEN-GURION UNIVERSITY OF THE NEGEV, IL
[71] MOR-RESEARCH APPLICATIONS LTD., IL
[85] 2004-09-23
[86] 2003-03-26 (PCT/IL2003/000253)
[87] 2003-10-02 (WO2003/079969)
[30] IL (148924) 2002-03-26

[21] **2,480,308**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7C12N 9/00 7A61P 35/00 7A61K 31/7088 7A61K 31/713 7C12N 15/85**
[25] EN
[54] **ANTISENSE IAP NUCLEOBASE OLIGOMERS AND USES THEREOF**
[54] **OLIGOMERES NUCLEOBASES D'IAP ANTISENS ET LEURS UTILISATIONS**
[72] MCMANUS, DANIEL, CA
[72] LACASSE, ERIC, CA
[72] DURKIN, JON P., CA
[71] AEGERA THERAPEUTICS INC., CA
[85] 2004-09-24
[86] 2003-03-27 (PCT/IB2003/001670)
[87] 2003-10-02 (WO2003/080638)
[30] US (60/367,853) 2002-03-27

[21] **2,480,325**
[13] A1

[51] **Int.Cl. 7A61K 31/496 7C07D 401/14**
[25] EN
[54] **SOLID FORMS OF SALTS WITH TYROSINE KINASE ACTIVITY**
[54] **FORMES SOLIDES DE SELS A ACTIVITE TYROSINE KINASE**
[72] WANG, YALING, US
[72] KARKI, SHYAM B., US
[72] SATO, YUICHI, JP
[72] PAYACK, JOSEPH, US
[72] TREEMANEEKARN, VARAPORN, US
[71] MERCK & CO., INC., US
[71] BANYU PHARMACEUTICAL CO., LTD., JP
[85] 2004-10-06
[86] 2003-04-11 (PCT/US2003/011022)
[87] 2003-10-30 (WO2003/088900)
[30] US (60/372,782) 2002-04-16

[21] **2,480,403**
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 9/14 7A61K 9/16 7A61K 9/48**
[25] EN
[54] **DRUG-COMPLEX MICROPARTICLES AND METHODS OF MAKING/USING SAME**
[54] **MICROPARTICULES COMPLEXE-MEDICAMENT ET PROCEDES ET UTILISATIONS CORRESPONDANTS**
[72] CHEN, LI-LAN H., US
[72] ZHENG, XU, US
[72] LIANG, ALFRED, US
[71] LAVIPHARM LABORATORIES INC., US
[85] 2004-10-08
[86] 2003-04-08 (PCT/US2003/010805)
[87] 2003-10-23 (WO2003/086363)
[30] US (60/371,218) 2002-04-08

[21] **2,480,410**
[13] A1

[51] **Int.Cl. 7C07F 9/09 7C12N 9/00 7A61P 9/00 7C07C 235/08 7C07C 237/08 7C07D 309/12 7C07C 235/16 7A61K 31/16 7A61K 31/33 7C07D 213/40**
[25] EN
[54] **MIMICS OF ACYL COENZYME-A COMPRISING PANTOLACTONE AND PANTOTHENIC ACID DERIVATIVES, COMPOSITIONS THEREOF, AND METHODS OF CHOLESTEROL MANAGEMENT AND RELATED USES**
[54] **MIMIQUES D'ACYL-COENZYME A COMPRENANT DES DERIVES DE PANTOLACTONE ET D'ACIDE PANTOTHENIQUE, LEURS COMPOSITIONS, METHODES DE REGULATION DU TAUX DE CHOLESTEROL ET UTILISATIONS ASSOCIEES**
[72] DASSEUX, JEAN-LOUIS, US
[72] ONICIU, CARMEN DANIELA, US
[71] ESPERION THERAPEUTICS INC., US
[85] 2004-10-08
[86] 2003-04-10 (PCT/US2003/011468)
[87] 2003-10-23 (WO2003/087040)
[30] US (60/371,511) 2002-04-10

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[13] A1
[51] Int.Cl. 7C07C 43/13 7A61P 9/00
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7C07C 323/12 7A61K 31/12 7A61K 31/13
7C07C 49/17 7C07C 317/18 7A61K 31/66
[25] EN
[54] MIMICS OF ACYL COENZYME-A,
COMPOSITIONS THEREOF, AND
METHODS OF CHOLESTEROL
MANAGEMENT AND RELATED USES
[54] DERIVES FONCTIONNALISES A
CHAINE LONGUE UTILISES COMME
MIMIQUES D'ACYL-COENZYME A ET
LEURS COMPOSITIONS, METHODES
DE REGULATION DU TAUX DE
CHOLESTEROL ET UTILISATIONS
ASSOCIEES
[72] DASSEUX, JEAN-LOUIS, US
[72] ONICIU, CARMEN DANIELA, US
[71] ESPERION THERAPEUTICS INC., US
[85] 2004-10-08
[86] 2003-04-10 (PCT/US2003/011467)
[87] 2003-10-23 (WO2003/087108)
[30] US (60/371,511) 2002-04-10

[21] **2,480,423**
[13] A1
[51] Int.Cl. 7A61K 38/18 7C07K 17/00
7C07K 19/00 7C12N 15/00 7C12P 21/00
7C07H 21/04 7C12N 5/10 7C12N 15/12
7C12N 1/21 7C07K 14/50
[25] EN
[54] TRUNCATED 24 KDA BASIC
FIBROBLAST GROWTH FACTOR
[54] FACTEUR DE CROISSANCE DES
FIBROBLASTES BASIQUE 24KDA
TRONQUE
[72] LEVIN, EUGENE G., US
[71] THE SCRIPPS RESEARCH
INSTITUTE, US
[85] 2004-10-08
[86] 2003-04-07 (PCT/US2003/010719)
[87] 2003-10-23 (WO2003/087318)
[30] US (60/370,212) 2002-04-08

[21] **2,480,486**
[13] A1
[51] Int.Cl. 7H04B 1/69 7H04Q 7/00
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7H04B 7/216
[25] EN
[54] PATH SEARCHER USING
RECONFIGURABLE CORRELATOR
SETS
[54] DISPOSITIF DE RECHERCHE DE
CHEMINS A ENSEMBLE DE
CORRELATEURS
RECONFIGURABLES
[72] FERRANTE, STEVEN, US
[72] KOCH, MICHAEL, US
[72] HACKETT, WILLIAM C., US
[72] REZNIK, ALEXANDER, US
[72] HEPLER, EDWARD L., US
[72] KAEWELL, JOHN DAVID JR., US
[72] MEYER, JAN, DE
[72] BOHNHOFF, PETER, DE
[72] BASS, DAVID S., US
[72] BERGHUIS, TIMOTHY, US
[71] INTERDIGITAL TECHNOLOGY
CORPORATION, US
[85] 2004-10-08
[86] 2003-04-11 (PCT/US2003/010999)
[87] 2003-10-23 (WO2003/088515)
[30] US (60/372,531) 2002-04-12

[21] **2,480,490**
[13] A1
[51] Int.Cl. 7B65G 33/06 7B65G 33/18
[25] EN
[54] PARTICULATE MATTER
CONVEYOR
[54] TRANSPORTEURS DE MATIERES
EN PARTICULES
[72] WEBB, DONALD BARRY, AU
[71] FIBRECYCLE PTY LTD., AU
[85] 2004-10-07
[86] 2003-04-08 (PCT/AU2003/000421)
[87] 2003-10-23 (WO2003/086912)
[30] AU (PS 1607) 2002-04-08

[21] **2,480,539**
[13] A1
[51] Int.Cl. 7C08G 63/16 7C08G 81/00
7C08L 67/00
[25] EN
[54] AMORPHOUS-CRYSTALLINE
BLOCK COPOLYMERS
[54] COPOLYMERES BLOCS
AMORPHES CRISTALLINS
[72] CELLA, GIANDOMENICO, IT
[72] MILIZIA, TIZIANA, IT
[72] BASTIOLI, CATIA, IT
[71] NOVAMONT S.P.A., IT
[85] 2004-10-07
[86] 2003-04-22 (PCT/EP2003/004070)
[87] 2003-10-30 (WO2003/089491)
[30] IT (MI2002A000864) 2002-04-22

[21] **2,480,585**
[13] A1
[51] Int.Cl. 7D06P 3/54 7C09B 67/00
7D06P 1/16 7D06P 1/44 7D06P 3/52 7D06P
3/82
[25] EN
[54] DYEING POLYESTER TEXTILE
MATERIALS
[54] TEINTURE DE MATIERES
TEXTILES EN POLYESTER
[72] SIEBER, HELMUT, DE
[71] CLARIANT FINANCE (BVI)
LIMITED, VG
[85] 2004-10-06
[86] 2003-06-05 (PCT/IB2003/002140)
[87] 2003-12-18 (WO2003/104545)
[30] GB (0212691.0) 2002-06-05

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[21] **2,480,598**
[13] A1
[51] **Int.Cl. 7C07K 7/08 7A61K 38/00**
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7C07K 14/705
[25] EN
[54] **BROAD-SPECTRUM IN-VIVO**
EFFECTIVE SUPERANTIGEN TOXIN
ANTAGONISTS BASED ON THE
INTERACTION BETWEEN CD28 AND
THE SUPERANTIGEN AND USES
THEREOF
[54] **ANTAGONISTES A LARGE**
SPECTRE, EFFICACES IN VIVO, DE LA
TOXINE D'UN SUPERANTIGENE EN
FONCTION DE L'INTERACTION
ENTRE CD28 ET LE SUPERANTIGENE
ET LEURS UTILISATIONS
[72] KAEMPFER, RAYMOND, IL
[72] ARAD, GILA, IL
[71] YISSUM RESEARCH AND
DEVELOPMENT COMPANY OF THE
HEBREW UNIVERSITY OF JERU SALEM,
IL
[85] 2004-10-04
[86] 2003-04-03 (PCT/IL2003/000278)
[87] 2003-10-16 (WO2003/084995)
[30] IL (148993) 2002-04-04

[21] **2,480,645**
[13] A1
[51] **Int.Cl. 7H04B 7/216 7H04J 3/00**
[25] EN
[54] **ALLOCATING TRAFFIC**
CHANNELS IN A COMMUNICATIONS
SYSTEM
[54] **ALLOCATION DE VOIES DE**
TRAFIC DANS UN SYSTEME DE
COMMUNICATIONS
[72] CORNETT, JOHN B., JR., US
[72] JOHNSON, KEVIN P., US
[72] NELSON, GEORGE R., JR., US
[71] IPR LICENSING, INC., US
[85] 2004-09-30
[86] 2003-01-22 (PCT/US2003/001967)
[87] 2003-07-31 (WO2003/063518)
[30] US (60/350,835) 2002-01-22

[21] **2,480,717**
[13] A1
[51] **Int.Cl. 7C07K 16/00 7C12N 15/06**
7C12N 5/16
[25] EN
[54] **METHOD FOR PRODUCING**
MONOCLONAL ANTIBODIES
[54] **PROCEDE DE PRODUCTION**
D'ANTICORPS MONOCLONAUX
[72] DE MASI, FEDERICO, DE
[72] SAWYER, ALAN MICHAEL, DE
[71] EUROPEAN MOLECULAR
BIOLOGY LABORATORY, DE
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[86] 2003-04-17 (PCT/GB2003/001684)
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[30] GB (0208817.7) 2002-04-17

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[51] **Int.Cl. 7A63C 17/00**
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VIBRATION, ISOLATION, AND
SUSPENSION DEVICE
[54] **DISPOSITIF COMPACT**
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ANTIVIBRATIONS, D'ISOLATION ET
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[72] LEE, ELMER, US
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[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **A SYSTEM AND METHOD FOR**
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TELEVISION PROGRAMS
[54] **SYSTEME ET PROCEDE POUR LA**
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[72] FRAANJE, IZET, US
[72] NEWNAM, SCOTT, US
[72] NEUMANN, DOUGLAS T., US
[71] GOLDPOCKET INTERACTIVE, INC.,
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[30] US (60/370,993) 2002-04-09
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[54] **BROYEUR AGITATEUR**
[72] ENDERLE, UDO, DE
[72] SUK, JOCHEN, DE
[71] NETZSCH-FEINMAHLTECHNIK
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[71] XSTRATA QUEENSLAND LIMITED,
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[51] **Int.Cl. 7H04B 1/707**
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FINGER POOLING
[54] **REGROUPEMENT DE DOIGTS DE**
TYPE RATEAU DE STATION NOEUD/
BASE B
[72] KOCH, MICHAEL, US
[72] HACKETT, WILLIAM C., US
[72] BOHNHOFF, PETER, DE
[72] REZNIK, ALEXANDER, US
[72] HEPLER, EDWARD L., US
[72] BASS, DAVID S., US
[72] BERGHIUS, TOMOTHY, US
[72] MEYER, JAN, DE
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[71] INTERDIGITAL TECHNOLOGY
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[25] EN
[54] **METHODS FOR TREATING TWEAK-RELATED CONDITIONS**
[54] **PROCEDE POUR TRAITER LES ETATS LIES A TWEAK**
[72] JAKUBOWSKI, ANIELA, US
[72] BURKLY, LINDA, US
[72] HAHM, KYUNGMIN, US
[72] ZHENG, TIMOTHY, US
[71] BIOGEN, INC., US
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[54] **APPAREIL D'ANALYSE D'ECHANTILLONS INTEGRE**
[72] MAY, KEITH, GB
[72] GRIFFITH, ALUN WYN, GB
[72] DISTON, ANDREW STEPHEN, GB
[72] DROUGHT, NICHOLAS ANDREW, GB
[72] WILSON, DONNA JOY, US
[71] INVERNESS MEDICAL LIMITED, GB
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[13] A1

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[54] **RESERVE DE CORRELATEURS DE CAPTEUR DE SALVES D'ACCES**
[72] HEPLER, EDWARD L., US
[72] REZNIK, ALEXANDER, US
[72] FERRANTE, STEVEN, US
[72] MEYER, JAN, DE
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[54] **TYROSINE KINASE INHIBITORS**
[54] **INHIBITEURS DE LA TYROSINE KINASE**
[72] KIM, ANNETTE, US
[71] MERCK & CO., INC., US
[85] 2004-10-05
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[51] **Int.Cl. 7A61K 31/505**
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[54] **HETEROARYL COMPOUNDS WHICH INHIBIT LEUKOCYTE ADHESION MEDIATED BY ALPHA-4 INTEGRINS**
[54] **COMPOSES HETEROARYLE INHIBANT L'ADHESION LEUCOCYTAIRE INDUITE PAR DES INTEGRINS ALPHA-4**
[72] STAPPENBECK, FRANK, US
[72] XU, YING-ZI, US
[72] SEMKO, CHRISTOPHER M., US
[72] SMITH, JENIFER, US
[72] THORSETT, EUGENE D., US
[72] KONRADI, ANDREI W., US
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[54] **ADVANCED DIGITAL ANTENNA MODULE**
[54] **MODULE D'ANTENNE NUMERIQUE EVOLUE**
[72] DEVENDORF, DON C., US
[72] CHENG, WILLIAM W., US
[72] HIRATA, ERICK M., US
[72] MEYERS, CLIFFORD W., US
[72] LINDER, LLOYD F., US
[72] ESSENWANGER, KENNETH A., US
[71] RAYTHEON COMPANY, US
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[54] **COMPOSITIONS MEDICALES CONTENANT UN SEL IONIQUE**
[72] FALSAFI, AFSHIN, US
[72] MITRA, SUMITA B., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-10-05
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[54] **CLEAR ANTIPERSPIRANT WITH ALCOHOL FREE ACTIVE**
[54] **ANTI-TRANSPIRANT RENFERMANT UN PRINCIPE ACTIF EXEMPT D'ALCOOL**
[72] JOHANSSON, MARIE, US
[72] BRAHMS, JOHN, US
[71] COLGATE-PALMOLIVE, US
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[30] US (10/117,900) 2002-04-08

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[13] A1

[51] **Int.Cl. 7A61K 9/127 7A61K 9/133**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DOSING LIPOSOMES OF CERTAIN SIZES TO TREAT OR PREVENT DISEASE**
[54] **COMPOSITIONS ET PROCEDES DE DOSAGE DE LIPOSOMES DE CERTAINES TAILLES POUR TRAITER OU PREVENIR UNE MALADIE**
[72] RODRIGUEZA, WENDI V., US
[72] BISGAIER, CHARLES L., US
[71] ESPERION LUV DEVELOPMENT, INC., US
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[87] 2003-10-23 (WO2003/086351)
[30] US (60/370,409) 2002-04-05

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[13] A1

[51] **Int.Cl. 7G01N 33/543 7G01N 33/545 7G01N 33/553**
[25] EN
[54] **BIOCHIP SENSOR SURFACE CARRYING POLYETHYLENE GLYCOLATED NANOPARTICLES**
[54] **FACE DE CAPTEUR POUR BIOPUCE PORTEUSE DE NANOPARTICULES DE POLYETHYLENE GLYCOLATE**
[72] ISHII, TAKEHIKO, JP
[72] AKIYAMA, YOSHITSUGU, JP
[72] UCHIDA, KATSUMI, JP
[72] SUZUKI, YUKO, JP
[72] KATAOKA, KAZUNORI, JP
[72] NAGASAKI, YUKIO, JP
[72] OTSUKA, HIDENORI, JP
[72] TAKAE, SEIJI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
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[13] A1

[51] **Int.Cl. 7A61F 2/16**
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[54] **ACCOMMODATIVE INTRAOCULAR LENS**
[54] **LENTILLES INTRA-OCULAIRES PERMETTANT L'ACCOMMODATION**
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[72] ZHANG, XIAOXIAO, US
[72] YANG, YIN, US
[71] ALCON, INC., CH
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[13] A1

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[25] EN
[54] **A METHOD FOR SELECTING CELL LINES TO BE USED FOR NUCLEAR TRANSFER IN MAMMALIAN SPECIES**
[54] **PROCEDE PERMETTANT LA SELECTION DE LIGNEES CELLULAIRES CONVENANT POUR LE TRANSFERT DE NOYAU CHEZ LES ESPECES MAMMIFERES**
[72] MELICAN, DAVID, US
[72] GAVIN, WILLIAM G., US
[72] BUTLER, ROBIN E., US
[71] GTC BIOTHERAPEUTICS, INC., US
[85] 2004-09-29
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[30] US (60/369,009) 2002-04-01

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[25] EN
[54] **TRI-SUBSTITUTED HETEROARYLS AND METHODS OF MAKING AND USING THE SAME**
[54] **HETERO-ARYLES TRI-SUBSTITUES ET PROCEDES DE FABRICATION**
[72] LEE, WEN-CHERNG, US
[72] SUN, LIHONG, US
[72] CHUAQUI, CLAUDIO, US
[72] SHAN, FENG, US
[72] ZHENG, ZHONGLI, US
[72] PETTER, RUSSELL C., US
[71] BIOGEN, INC., US
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[87] 2003-10-23 (WO2003/087304)
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[54] **NOVEL ANTI-BACTERIAL COMPOSITIONS**
[54] **NOUVELLES COMPOSITIONS ANTIBACTERIENNES**
[72] BLAKE, RICHARD SCOTT, AU
[72] BLAKE, MICHAEL SCOTT, AU
[72] ALDOUS, GRAHAM LESLIE, AU
[71] H A MILTON HOLDINGS PTY LTD, AU
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[54] **HORMONE REPLACEMENT THERAPY**
[54] **THERAPIE DE SUBSTITUTION HORMONALE**
[72] PICKAR, JAMES HARRISON, US
[72] GRUBB, GARY SONDERMANN, US
[72] DEY, MICHAEL STEVEN, US
[72] CONSTANTINE, GINGER DALE, US
[71] WYETH, US
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[87] 2003-10-16 (WO2003/084549)
[30] US (60/369,682) 2002-04-03

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[54] **BATTERY PACK**
[54] **ENSEMBLE DE PILES**
[72] MADJAR, SILVESTER, US
[72] SHEA, THOMAS, US
[72] SINKEWICH, LAWRENCE, US
[71] EVEREADY BATTERY COMPANY, INC., US
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[30] US (10/120,912) 2002-04-11

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[54] **DISPOSITIF DE MODULATION DE LA LUMIERE**
[72] GLENT-MADSEN, HENRIK, DK
[71] DICON A/S, DK
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[87] 2003-10-23 (WO2003/087915)
[30] DK (PA 2002 00516) 2002-04-09

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[51] **Int.Cl. 7G11B 20/00**
[25] EN
[54] **COPY PROTECTION SYSTEM FOR OPTICAL DISCS**
[54] **SYSTEME DE PROTECTION CONTRE LA COPIE POUR DISQUES OPTIQUES**
[72] REITER, GOTTFRIED, AT
[71] SONY DADC AUSTRIA AG, AT
[85] 2004-09-30
[86] 2003-04-04 (PCT/EP2003/003554)
[87] 2003-10-23 (WO2003/088239)
[30] EP (02008668.2) 2002-04-17

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[13] A1
[51] **Int.Cl. 7G01N 9/30 7G01N 33/53 7G01N 33/58**
[25] EN
[54] **MULTI-PARAMETER ASSAYS INCLUDING ANALYSIS DISCS AND METHODS RELATING THERETO**
[54] **DOSAGES A PARAMETRES MULTIPLES METTANT EN OEUVRE DES DISQUES D'ANALYSE, ET PROCEDES S'Y RAPPORTANT**
[72] GORDON, JOHN FRANCIS, US
[71] BURSTEIN TECHNOLOGIES, INC., US
[71] NAGAOKA & CO., LTD., JP
[85] 2004-09-30
[86] 2002-04-11 (PCT/US2002/011620)
[87] 2003-10-23 (WO2003/087827)

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[51] **Int.Cl. 7H05B 33/00 7H01L 35/24**
[25] EN
[54] **DISPLAY DEVICES WITH ORGANIC-METAL MIXED LAYER**
[54] **AFFICHEURS A COUCHER MIXTE ORGANO-METALLIQUE**
[72] AZIZ, HANY, CA
[72] PAINE, ANTHONY J., CA
[72] POPOVIC, ZORAN D., CA
[72] HU, NAN-XING, CA
[72] LIEW, YOON-FEI, SG
[71] XEROX CORPORATION, US
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[87] 2003-10-23 (WO2003/088718)
[30] US (10/117,812) 2002-04-05

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[13] A1
[51] **Int.Cl. 7F16B 19/05**
[25] EN
[54] **SWAGE TYPE FASTENER WITH OPTIMIZED LOCK GROOVES AND CRESTS AND METHOD OF DESIGNING SAME**
[54] **ELEMENT DE FIXATION MATRICE A RAINURES DE VERROUILLAGE ET CRETES OPTIMISEES ET PROCEDE DE CONCEPTION CORRESPONDANT**
[72] WANG, HAI-TAO, US
[72] MARCH, MICHAEL U., US
[72] HARBIN, THOMAS E., US
[71] HUCK INTERNATIONAL, INC., US
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[87] 2003-10-23 (WO2003/087593)
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[30] US (10/186,940) 2002-06-28

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[54] **QUINOLINONE DERIVATIVES DERIVES DE QUINOLINONE**
[72] RENHOWE, PAUL A., US
[72] SHAFER, CYNTHIA M., US
[72] MACHAJEWSKI, TIMOTHY D., US
[72] JAZAN, ELISA, US
[72] PECCHI, SABINA, US
[72] MCCREA, WILLIAM R., US
[72] MCBRIDE, CHRISTOPHER, US
[72] HEISE, CARLA, US
[72] TAYLOR, CLARKE, US
[71] CHIRON CORPORATION, US
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[87] 2003-10-23 (WO2003/087095)
[30] US (10/116,117) 2002-04-05

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[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04L 1/00**
[25] EN
[54] **OPTIMIZATION OF TRANSMISSION PARAMETERS OF A WIRELESS INTERFACE BASED ON COMMUNICATION TYPE**
[54] **OPTIMISATION DES PARAMETRES DE TRANSMISSION D'UNE INTERFACE SANS FIL SUR LA BASE DU TYPE DE COMMUNICATION**
[72] SPEAR, STEPHEN, US
[72] GUPTA, SANJAY, US
[71] MOTOROLA, INC., US
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[87] 2003-10-23 (WO2003/088588)
[30] US (10/118,096) 2002-04-08

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[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 29/12**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSPARENT MOBILE IP REGISTRATION WITHIN PPP NEGOTIATION**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT IP MOBILE TRANSPARENT AU SEIN D'UNE NEGOCIATION PPP**
[72] LIOY, MARCELLO, US
[72] ABROL, NISCHAL, US
[72] DYCK, JEFFREY, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-09-30
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[87] 2003-10-23 (WO2003/088618)
[30] US (60/370,029) 2002-04-03
[30] US (10/348,937) 2003-01-21

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[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**
[25] EN
[54] **SYSTEM AND METHOD FOR ANIMAL FEED MARKET ANALYSIS**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE MARCHÉ D'ALIMENTS POUR ANIMAUX**
[72] COOK, DAVID A., US
[72] CRAIG, MIKE, US
[72] THOMPSON, VALERIE, US
[71] CAN TECHNOLOGIES, INC., US
[85] 2004-09-30
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[87] 2003-10-23 (WO2003/087999)
[30] US (10/122,283) 2002-04-12
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[13] A1

[51] **Int.Cl. 7G08C 17/02**
[25] EN
[54] **METHOD AND APPARATUS FOR SENSING AND TRANSMITTING A BODY CHARACTERISTIC OF A HOST**
[54] **PROCEDE ET APPAREIL DE DETECTION ET DE TRANSMISSION D'UNE CARACTERISTIQUE CORPORELLE D'UN HOTE**
[72] MEJIA, EZEQUIEL, US
[72] CHAN, VINCENT K., US
[71] DIGITAL ANGEL CORPORATION, US
[85] 2004-10-01
[86] 2003-03-13 (PCT/US2003/007985)
[87] 2003-10-16 (WO2003/085617)
[30] US (10/114,875) 2002-04-02

[21] **2,481,064**
[13] A1

[51] **Int.Cl. 7B29C 45/16**
[25] EN
[54] **MOLD RUNNER FOR PREVENTION OF IN-MOLD COATING FLOW**
[54] **CANAL D'ALIMENTATION DE MOULE POUR EMPECHER L'ECOULEMENT D'UN REVETEMENT**
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[72] THOMPSON, JOHN A., US
[71] OMNOVA SOLUTIONS INC., US
[85] 2004-10-01
[86] 2003-04-03 (PCT/US2003/010256)
[87] 2003-10-16 (WO2003/084730)
[30] US (10/116,069) 2002-04-03

[21] **2,481,066**
[13] A1

[51] **Int.Cl. 7G11C 11/00**
[25] EN
[54] **SEU RESISTANT SRAM USING FEEDBACK MOSFET**
[54] **MEMOIRE VIVE STATIQUE RESISTANT A DES PERTURBATIONS ISOLEES (SEU), UTILISANT UN TRANSISTOR A EFFET DE CHAMP A SEMI-CONDUCTEUR A OXYDE METALLIQUE (MOSFET) A RETROACTION**
[72] SINHA, SHANKAR P., US
[72] LIU, MICHAEL S., US
[72] SINHA, SHANKAR P., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2004-10-01
[86] 2003-04-03 (PCT/US2003/010270)
[87] 2003-10-16 (WO2003/085673)
[30] US (10/116,296) 2002-04-04

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[13] A1

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[25] EN
[54] **WEB SMOOTHNESS IMPROVEMENT PROCESS**
[54] **PROCEDE D'AMELIORATION DU LISSE**
[72] ERIKSSON, TORE I., US
[72] ALTMAN, THOMAS E., US
[72] KANGAS, KURT MAGNUS, US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2004-10-01
[86] 2003-04-11 (PCT/IB2003/003019)
[87] 2003-10-16 (WO2003/085192)
[30] US (60/371,888) 2002-04-11

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[21] **2,481,068**
[13] A1

[51] **Int.Cl. 7F01D 25/16**
[25] EN
[54] **ANISOTROPIC SUPPORT DAMPER FOR A GAS TURBINE BEARING**
[54] **AMORTISSEUR A SUPPORT ANISOTROPE POUR PALIER DE TURBINE A GAZ**
[72] SPENCER, DOUG K., US
[72] ALAM, MOHSIUL, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2004-10-01
[86] 2003-04-01 (PCT/US2003/009792)
[87] 2003-10-16 (WO2003/085236)
[30] US (10/115,823) 2002-04-03

[21] **2,481,070**
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[54] **EVAPORATIVE COOLERS**
[54] **REFROIDISSEURS EVAPORATIFS**
[72] COOKE, ROGER LAURENCE, AU
[71] COOKE, ROGER LAURENCE, AU
[85] 2004-10-01
[86] 2003-03-28 (PCT/AU2003/000387)
[87] 2003-10-16 (WO2003/085328)
[30] AU (PS 1529) 2002-04-04

[21] **2,481,071**
[13] A1

[51] **Int.Cl. 7A23L 2/52**
[25] EN
[54] **MANUFACTURED MINERAL WATER COMPOSITION**
[54] **COMPOSITION D'EAU MINERALE FABRIQUEE**
[72] KAEHNE, IAN DAVID, AU
[71] BELAIR BIOTECHNOLOGY PTY LTD., AU
[85] 2004-10-01
[86] 2003-04-09 (PCT/AU2003/000438)
[87] 2003-10-23 (WO2003/086110)
[30] AU (PS 1833) 2002-04-09

[21] **2,481,088**
[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61P 31/02 7A61P 31/10 7A61K 33/30**
[25] EN
[54] **USE OF MATERIALS HAVING ZINC IONOPHORIC BEHAVIOR**
[54] **UTILISATION DE MATIERES PRESENTANT UN COMPORTEMENT IONOPHORIQUE PAR RAPPORT AU ZINC**
[72] POISON, GEORGE, US
[72] SCHWARTZ, JAMES ROBERT, US
[72] ROBERTS, KATHERINE P., US
[72] TURLEY, PATRICIA A., US
[72] NELSON, JOHN D., US
[72] GAVIN, DAVID F., US
[72] MARSH, RANDALL GLENN, US
[72] MARGRAF, CARL HINZ, III, US
[72] KAUFMAN, DAVID JOSEPH, US
[71] THE PROCTER & GAMBLE COMPANY, US

[71] ARCH CHEMICALS, INC., US
[85] 2004-10-06
[86] 2003-03-18 (PCT/US2003/008476)
[87] 2003-10-30 (WO2003/088965)
[30] US (60/374,347) 2002-04-22

[21] **2,481,089**
[13] A1

[51] **Int.Cl. 7H04M 1/24 7H04M 3/08 7H04M 3/22**
[25] EN
[54] **GLOBAL DIGITAL MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE NUMERIQUE COMMUN**
[72] SMITH, ROGER A., US
[72] PEDUZZI, DAVID J., US
[71] TOLLGRADE COMMUNICATIONS, INC., US
[85] 2004-10-06
[86] 2003-04-10 (PCT/US2003/011098)
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[30] US (60/371,456) 2002-04-10

[21] **2,481,104**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7C12N 5/06**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INDUCING NEW HAIR FOLLICLE FORMATION AND HAIR GROWTH IN A DESIRED ORIENTATION**
[54] **COMPOSITIONS ET PROCEDES POUR INDUIRE LA FORMATION DE NOUVEAUX FOLLICULES PILEUX ET LA CROISSANCE CAPILLAIRE EN UNE ORIENTATION VOULUE**
[72] STENN, KURT S., US
[71] ADERANS RESEARCH INSTITUTE, INC., US
[85] 2004-10-06
[86] 2003-04-16 (PCT/US2003/011548)
[87] 2003-10-30 (WO2003/088935)
[30] US (10/123,984) 2002-04-17

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[13] A1

[51] **Int.Cl. 7B32B 27/08 7B65D 75/58**
[25] EN
[54] **FILM AND FILM STRUCTURES HAVING IMPROVED OXYGEN TRANSMISSION, FORMING, AND PUNCTURE RESISTANCES**
[54] **FILM ET STRUCTURES DE FILM AMELIORES EN TERME DE TRANSMISSION DE L'OXYGENE, DE FORMAGE ET DE RESISTANCE A LA PERFORATION**
[72] MORRIS, BARRY ALAN, US
[72] URADNISHECK, JULIUS, US
[72] LIBERT, TIMOTHY A., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[51] **Int.Cl. 7G01N 33/52 7G01N 33/92**
[25] EN
[54] **CARDIOVASCULAR DISEASE AND THROMBOTIC RISK DIAGNOSTIC TESTS**
[54] **MALADIE CARDIOVASCULAIRE ET TESTS DIAGNOSTIQUES DE RISQUES DE THROMBOSE**
[72] BUCHANAN, MICHAEL R., CA
[71] 1411198 ONTARIO LIMITED, CA
[85] 2004-10-01
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[30] CA (2,344,007) 2001-04-12

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[51] **Int.Cl. 7G01N 27/12 7G01N 33/00**
[25] EN
[54] **METHOD FOR RESTORING THE SENSITIVITY, SPEED OR STABILITY OF A GAS-SENSITIVE MATERIAL**
[54] **PROCEDE PERMETTANT D'AMELIORER UNE MATIERE CHIMIO/ELECTRO-ACTIVE**
[72] MILLER, CHARLES E., US
[72] MCCARRON, EUGENE M., US
[72] BARNES, JOHN JAMES, US
[72] MORRIS, PAT, US
[72] STEICHEN, JOHN CARL, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[87] 2003-10-30 (WO2003/089915)
[30] US (60/372,875) 2002-04-15

[21] **2,481,120**
[13] A1
[51] **Int.Cl. 7A61K 31/59 7C07C 401/00**
[25] EN
[54] **METHOD FOR TREATING AND PREVENTING HYPERPARATHYROIDISM**
[54] **PROCEDE DESTINE AU TRAITEMENT ET A LA PREVENTION DE L'HYPERPARATHYROIDISME**
[72] KNUTSON, JOYCE C., US
[72] STRUGNELL, STEPHEN A., US
[72] MAZESS, RICHARD B., US
[71] BONE CARE INTERNATIONAL, INC., US
[85] 2004-10-06
[86] 2003-04-17 (PCT/US2003/012013)
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[30] US (10/127,005) 2002-04-19

[21] **2,481,123**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **PROCESS FOR DETERMINING OPTIMAL PACKAGING AND SHIPPING OF GOODS**
[54] **PROCEDE DE DETERMINATION DU CONDITIONNEMENT ET DE L'EXPEDITION OPTIMAUX DE MARCHANDISES**
[72] DAMJI, SALIM, US
[71] DAMJI, SALIM, US
[85] 2004-10-06
[86] 2003-04-18 (PCT/US2003/012346)
[87] 2003-10-30 (WO2003/090149)
[30] US (60/374,056) 2002-04-19

[21] **2,481,166**
[13] A1
[51] **Int.Cl. 7A61L 17/04**
[25] EN
[54] **IMPROVED MEMBRANE FOR USE IN SUTURED OR SUTURELESS SURGICAL PROCEDURES**
[54] **MEMBRANE AMELIOREE DESTINEE A ETRE UTILISEE DANS DES PROCEDURES CHIRURGICALES AVEC OU SANS SUTURE**
[72] BERMAN, ANDREW B., US
[72] KRANZLER, THANE L., US
[72] WENTWORTH, DEAN R., US
[71] GORE ENTERPRISE HOLDINGS, INC., US
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[87] 2003-11-06 (WO2003/090802)
[30] US (10/133,653) 2002-04-25

[21] **2,481,175**
[13] A1
[51] **Int.Cl. 7A61B 5/0468**
[25] EN
[54] **METHOD FOR PREDICTING RECURRING VENTRICULAR ARRHYTHMIAS**
[54] **PROCEDE DE PREDICTION DES ARYTHMIES VENTRICULAIRES RECURRENTES**
[72] ZHOU, XIAOHONG, US
[72] SHARMA, VINOD, US
[72] OLSON, WALTER H., US
[71] MEDTRONIC, INC., US
[85] 2004-10-04
[86] 2003-04-02 (PCT/US2003/010049)
[87] 2003-10-23 (WO2003/086187)
[30] US (10/117,465) 2002-04-05

[21] **2,481,180**
[13] A1
[51] **Int.Cl. 7A61B 17/02 7A61B 17/34**
[25] EN
[54] **DEVICES AND METHODS FOR TISSUE RETRACTION**
[54] **DISPOSITIFS ET METHODES DE RETRACTION TISSULAIRE ET DE CHIRURGIE PERCUTANEE**
[72] SMITH, MAURICE M., US
[72] FOLEY, KEVIN T., US
[72] ROEHM, THOMAS E., III, US
[72] LIM, ROY K., US
[71] SDGI HOLDINGS, INC., US
[85] 2004-10-04
[86] 2003-04-02 (PCT/US2003/010090)
[87] 2003-10-23 (WO2003/086202)
[30] US (10/117,440) 2002-04-05

[21] **2,481,181**
[13] A1
[51] **Int.Cl. 7B65H 3/08 7B65H 1/08 7G01N 1/28 7G02B 21/34 7B65H 3/46**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATED COVERSLIPPING**
[54] **PROCEDE ET APPAREIL DE COUVERTURE D'OBJETS AUTOMATISEE**
[72] REINHARDT, KURT, US
[72] FORD, ANTHONY, US
[72] HOLUBEC, MIREK, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2004-10-06
[86] 2003-04-25 (PCT/US2003/012954)
[87] 2003-11-06 (WO2003/091137)
[30] US (60/375,925) 2002-04-26

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[13] A1
[51] **Int.Cl. 7A61K 9/12 7A61K 47/10 7A61K 31/167 7A61K 47/26 7A61K 31/58 7A61K 9/70**
[25] EN
[54] **FORMOTEROL AND CICLESONIDE AEROSOL FORMULATIONS**
[54] **FORMULATIONS D'AEROSOL DE FORMOTEROL ET DE CICLESONIDE**
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[72] OLIVER, MARTIN J., GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-10-04
[86] 2003-04-01 (PCT/US2003/010285)
[87] 2003-10-23 (WO2003/086349)
[30] GB (0207899.6) 2002-04-05

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[13] A1
[51] **Int.Cl. 7A61B 17/00**
[25] EN
[54] **SIDE LOADING SURGICAL
RETRACTOR**
[54] **ECARTEUR CHIRURGICAL A
CHARGEMENT LATERAL**
[72] PHILLIPS, BURNS, US
[71] BOSS INSTRUMENTS, LTD., US
[85] 2004-10-04
[86] 2003-04-03 (PCT/US2003/010255)
[87] 2003-10-23 (WO2003/086203)
[30] US (10/117,929) 2002-04-05

[21] **2,481,203**
[13] A1
[51] **Int.Cl. 7H04M 3/22**
[25] EN
[54] **METHOD AND APPARATUS FOR
MEASURING COMMUNICATION
MARKET STATISTICS**
[54] **PROCEDE ET APPAREIL POUR
DETERMINER DES STATISTIQUES DU
MARCHE DES COMMUNICATIONS**
[72] MCCULLEY, SCOTT L., US
[72] SIMON, DAVID A., US
[72] WRIGHT, MARCUS P., US
[72] CUPPY, STEVEN J., US
[71] CRITERION WIRELESS CORP., US
[85] 2004-09-30
[86] 2003-04-03 (PCT/US2003/010205)
[87] 2003-10-16 (WO2003/085943)
[30] US (60/369,339) 2002-04-03
[30] US (60/369,326) 2002-04-03
[30] US (60/407,700) 2002-09-04
[30] US (10/263,782) 2002-10-04

[21] **2,481,209**
[13] A1
[51] **Int.Cl. 7A23L 1/305 7A23L 1/0524
7A23L 1/053 7A23C 9/152 7A23C 9/154
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[25] EN
[54] **ACIDIC COMPOSITIONS
COMPRISING PROTEIN AND FIBER
AND PROCESSES OF THEIR
PREPARATION**
[54] **COMPOSITIONS ACIDES
COMPRENANT DES PROTEINES ET
DES FIBRES ET PROCEDES DE
PREPARATION**
[72] SMALL, LEONARD EDWIN, US
[72] KRUMMEN, ROGER WILLIAM, US
[72] NUNES, RAUL VICTORINO, US
[72] MEHANSHO, HAILE, US
[71] THE PROCTER & GAMBLE
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[85] 2004-09-30
[86] 2003-04-18 (PCT/US2003/012046)
[87] 2003-11-06 (WO2003/090558)
[30] US (60/376,032) 2002-04-24

[21] **2,481,213**
[13] A1
[51] **Int.Cl. 7A23L 1/305 7A23C 9/152
7A61K 38/17 7A61K 31/20 7A61K 31/201
7A23L 1/30 7A23L 1/308**
[25] EN
[54] **COMPOSITIONS COMPRISING
MILK PROTEIN CONCENTRATE AND
FATTY ACID AND PROCESSES OF
THEIR PREPARATION**
[54] **COMPOSITIONS COMPRENANT
UN CONCENTRE DE PROTEINE DE
LAIT ET UN ACIDE GRAS ET
PROCEDES DE PREPARATION**
[72] COOK, LISA ANN, US
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 2004-09-30
[86] 2003-04-18 (PCT/US2003/012048)
[87] 2003-11-06 (WO2003/090559)
[30] US (60/375,653) 2002-04-24

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[13] A1
[51] **Int.Cl. 7A23L 1/305 7A23C 9/152
7A61K 38/17 7A61K 31/20 7A61K 31/201
7A23L 1/30 7A23L 1/304**
[25] EN
[54] **COMPOSITIONS COMPRISING
PROTEIN AND FATTY ACID AND
PROCESSES OF THEIR PREPARATION**
[54] **COMPOSITIONS COMPRENANT
DES PROTEINES ET DES ACIDES
GRAS, ET LEURS PROCEDES DE
PREPARATION**
[72] WOODLY, SHALAYNA
ANTOINETTE, US
[72] NUNES, RAUL VICTORINO, US
[72] KRUMMEN, ROGER WILLIAM, US
[72] MEHANSHO, HAILE, US
[72] SMALL, LEONARD EDWIN, US
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 2004-09-30
[86] 2003-04-18 (PCT/US2003/012049)
[87] 2003-11-06 (WO2003/090560)
[30] US (60/376,060) 2002-04-24

[21] **2,481,220**
[13] A1
[51] **Int.Cl. 7A23K 1/16 7A23K 1/18**
[25] EN
[54] **DIETARY METHODS FOR CANINE
PERFORMANCE ENHANCEMENT**
[54] **PROCEDES ALIMENTAIRES
POUR AMELIORER LES
PERFORMANCES CANINES**
[72] ALTOM, ERIC KARL, US
[72] KELLY, RUSSELL LEE, US
[72] DAVENPORT, GARY MITCHELL, US
[72] LEPINE, ALLAN JOHN, US
[71] THE IAMS COMPANY, US
[85] 2004-10-05
[86] 2003-04-14 (PCT/US2003/011509)
[87] 2003-10-23 (WO2003/086100)
[30] US (10/121,325) 2002-04-12

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[13] A1

[51] **Int.Cl. 7A61F 2/06 7A61B 17/12**
[25] EN
[54] **DEVICES FOR RETAINING VASO-OCCLUSIVE DEVICES WITHIN AN ANEURYSM**
[54] **DISPOSITIFS PERMETTANT DE RETENIR DES DISPOSITIFS POUR L'OCCLUSION VASCULAIRE DANS UN ANEURYSME**
[72] WALLACE, MICHAEL P., US
[72] EDER, JOSEPH, US
[72] GERBERDING, BRENT C., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2004-10-05
[86] 2003-04-10 (PCT/US2003/010997)
[87] 2003-10-23 (WO2003/086240)
[30] US (10/121,980) 2002-04-12

[21] **2,481,225**
[13] A1

[51] **Int.Cl. 7A23G 3/30 7A61K 9/00**
[25] EN
[54] **CHEWING GUM IN POWDER FORM AND A METHOD OF PREPARATION**
[54] **CHEWING-GUM EN POWDRE ET PROCEDE DE PREPARATION**
[72] SOZZI, GIUSEPPE, IT
[72] ALLASIA, FABIO, IT
[71] GUM BASE CO. SPA, IT
[85] 2004-09-30
[86] 2003-04-04 (PCT/EP2003/003598)
[87] 2003-10-16 (WO2003/084338)
[30] EP (02425209.0) 2002-04-05

[21] **2,481,228**
[13] A1

[51] **Int.Cl. 7A61B 17/02**
[25] EN
[54] **COOLED STABILIZER FOR SURGICAL PROCEDURES**
[54] **STABILISATEUR REFROIDI POUR INTERVENTIONS CHIRURGICALES**
[72] MARTIN, THOMAS E., US
[72] VALERIO, MICHAEL A., US
[71] TELEFLEX-CT DEVICES INCORPORATED, US
[85] 2004-09-30
[86] 2003-03-05 (PCT/US2003/006705)
[87] 2003-10-16 (WO2003/084408)
[30] US (10/113,793) 2002-04-01

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[13] A1

[51] **Int.Cl. 7A61K 31/455 7C07D 401/04 7C07D 409/04 7C07D 401/06 7C07D 491/10 7C07D 401/12 7C07D 405/12 7C07D 241/24 7C07D 239/28 7A61K 31/496 7A61K 31/497 7A61K 31/506 7A61K 31/551 7C07D 213/81 7C07D 213/82**
[25] EN
[54] **AMINOCARBONYL SUBSTITUTED PYRIDINES, PYRIDAZINES, PYRIMIDINES, PYRAZINES AND TRIAZINES HAVING ANTIANGIOGENIC ACTIVITY**
[54] **PYRIDINES, PYRIDAZINES, PYRIMIDINES, PYRAZINES ET TRIAZINES A SUBSTITUTION AMINOCARBONYLE ET A ACTIVITE ANTIANGIOGENE**
[72] HAVIV, FORTUNA, US
[72] KOLACZKOWSKI, LAWRENCE, US
[72] DINGES, JUERGEN, US
[72] SAUER, DARYL R., US
[72] PARK, DAVID C., US
[72] HENKIN, JACK, US
[72] BRADLEY, MICHAEL F., US
[72] VASUDEVAN, ANIL, US
[71] ABBOTT LABORATORIES, US
[85] 2004-10-05
[86] 2003-04-03 (PCT/US2003/011066)
[87] 2003-10-23 (WO2003/086398)
[30] US (10/116,971) 2002-04-05
[30] US (10/244,987) 2002-09-17
[30] US (10/387,367) 2003-03-12

[21] **2,481,244**
[13] A1

[51] **Int.Cl. 7C12N 15/861 7A61K 48/00 7C12N 15/63**
[25] EN
[54] **RECOMBINING VIRAL VECTORS FOR THE TETRACYCLINE-REGULATED EXPRESSION OF GENES**
[54] **VECTEURS VIRAUX RECOMBINANTS POUR L'EXPRESSION GENIQUE REGULABLE PAR LA TETRACYCLINE**
[72] BLOCK, ANDREAS, DE
[71] UNIVERSITATSKLINIKUM HAMBURG-EPPENDORF, DE
[85] 2004-10-04
[86] 2003-04-08 (PCT/EP2003/003638)
[87] 2003-10-23 (WO2003/087294)
[30] DE (102 16 800.8) 2002-04-15
[30] DE (102 22 513.3) 2002-05-17

[21] **2,481,244**
[13] A1

[51] **Int.Cl. 7C12N 15/861 7A61K 48/00 7C12N 15/63**
[25] EN
[54] **RECOMBINING VIRAL VECTORS FOR THE TETRACYCLINE-REGULATED EXPRESSION OF GENES**
[54] **VECTEURS VIRAUX RECOMBINANTS POUR L'EXPRESSION GENIQUE REGULABLE PAR LA TETRACYCLINE**
[72] BLOCK, ANDREAS, DE
[71] UNIVERSITATSKLINIKUM HAMBURG-EPPENDORF, DE
[85] 2004-10-04
[86] 2003-04-08 (PCT/EP2003/003638)
[87] 2003-10-23 (WO2003/087294)
[30] DE (102 16 800.8) 2002-04-15
[30] DE (102 22 513.3) 2002-05-17

[21] **2,481,254**
[13] A1

[51] **Int.Cl. 7G05B 19/05**
[25] EN
[54] **METHOD TO CONTROL A PROCESS**
[54] **PROCEDE DE COMMANDE D'UN PROCEDE**
[72] MARTENS, FRANCISCUS JOHANNA ARNOLDUS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2004-09-30
[86] 2003-04-04 (PCT/EP2003/003594)
[87] 2003-10-16 (WO2003/085467)
[30] EP (02076369.4) 2002-04-05

[21] **2,481,255**
[13] A1

[51] **Int.Cl. 7A61L 9/12 7A61L 9/012 7A61L 9/04**
[25] EN
[54] **AIR FRESHENING OR PURIFYING DEVICE**
[54] **DISPOSITIF ASSAINISSEUR OU PURIFICATEUR D'AIR**
[72] SMITH, CHRISTOPHER, GB
[72] ROBINSON, PAUL, GB
[71] RECKITT BENCKISER (UK) LIMITED, GB
[85] 2004-09-30
[86] 2003-04-02 (PCT/GB2003/001444)
[87] 2003-10-09 (WO2003/082357)
[30] GB (0207516.6) 2002-04-02

[21] **2,481,257**
[13] A1

[51] **Int.Cl. 7H04N 5/91 7H04N 5/907**
[25] EN
[54] **IMAGE REPRODUCTION DEVICE AND IMAGE REPRODUCTION METHOD**
[54] **DISPOSITIF DE REPRODUCTION D'IMAGES ET PROCEDE DE REPRODUCTION D'IMAGES**
[72] SAKANISHI, YASUAKI, JP
[72] MASUMOTO, JUNJI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2004-09-30
[86] 2003-03-31 (PCT/JP2003/004161)
[87] 2003-10-09 (WO2003/084223)
[30] JP (2002-98365) 2002-04-01

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[21] **2,481,263**
[13] A1
[51] **Int.Cl. 7A61K 31/70 7A61P 25/02**
[25] EN
[54] **USE OF PYRIMIDINE NUCLEOTIDES FOR THE TREATMENT OF AFFECTIONS OF THE PERIPHERAL NERVOUS SYSTEM**
[54] **UTILISATION DE NUCLEOTIDES DE PYRIMIDINE POUR TRAITER DES DOMMAGES DU SYSTEME NERVEUX PERIPHERIQUE**
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[71] TROMMSDORFF GMBH & CO. KG ARZNEIMITTEL, DE
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[30] DE (102 15 753.7) 2002-04-10

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[51] **Int.Cl. 7A61K 31/46 7A61K 31/56**
[25] EN
[54] **MEDICAMENTS CONTAINING STEROIDS AND A NOVEL ANTICHOLINESTERASE DRUG**
[54] **MEDICAMENT CONTENANT DES STEROIDES ET UN NOUVEL ANTICHOLINERGIQUE**
[72] SPECK, GEORG, DE
[72] MEISSNER, HELMUT, DE
[72] REICHL, RICHARD, DE
[72] PAIRET, MICHEL, DE
[72] MORSCHHAEUSER, GERD, DE
[72] POHL, GERALD, DE
[72] BANHOLZER, ROLF, DE
[72] PIEPER, MICHAEL P., DE
[72] MEADE, CHRISTOPHER JOHN MONTAGUE, DE
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[51] **Int.Cl. 7A61K 31/5513 7A61P 43/00 7A61P 25/04**
[25] EN
[54] **THE USE OF DEVAZEPIDE AS ANALGESIC AGENT**
[54] **UTILISATION DU DEVAZEPIDE COMME ANALGESIQUE**
[72] JACKSON, KAREN, GB
[71] M.L. LABORATORIES PLC, GB
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[51] **Int.Cl. 7A61B 17/04 7A61F 2/00**
[25] EN
[54] **APPARATUS AND METHOD FOR TREATING FEMALE URINARY INCONTINENCE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE L'INCONTINENCE D'URINE CHEZ LA FEMME**
[72] BROWNING, JAMES, GB
[71] GYNE IDEAS LIMITED, GB
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[87] 2003-10-23 (WO2003/086205)
[30] GB (0208359.0) 2002-04-11
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[51] **Int.Cl. 7A43B 23/26 7A43B 5/00 7A43B 23/00 7A43B 3/12 7A43B 3/24**
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[54] **FOOTWEAR WITH REVERSIBLE TONGUE**
[54] **CHAUSSURE A LANGUETTE REVERSIBLE**
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[72] JONES, LINDELL B., US
[71] U TURN SPORTS CO., LLC, US
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[13] A1
[51] **Int.Cl. 7A61B 17/128**
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[54] **SURGICAL CLIP APPLIER WITH HIGH TORQUE JAWS**
[54] **APPLICATEUR D'AGRAFES CHIRURGICAL A PINCES A COUPLE ELEVE**
[72] VIOLA, FRANK J., US
[71] TYCO HEALTHCARE GROUP, LP, US
[85] 2004-10-06
[86] 2003-04-03 (PCT/US2003/010231)
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[51] **Int.Cl. 7A24D 1/00**
[25] EN
[54] **PARTIALLY REDUCED NANOPARTICLE ADDITIVES**
[54] **ADDITIFS PARTIELLEMENT REDUITS SOUS FORME DE NANOPARTICULES**
[72] HAJALIGOL, MOHAMMAD, US
[72] RASOULI, FIROOZ, US
[72] LI, PING, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[13] A1
[51] **Int.Cl. 7A61K 38/20 7A61P 35/00**
[25] EN
[54] **METHOD FOR TREATING CANCER IN HUMANS**
[54] **METHODE DE TRAITEMENT DU CANCER CHEZ LES HUMAINS**
[72] HWU, PATRICK, US
[72] WANG, GANG, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[13] A1

[51] **Int.Cl. 7A61K 31/496 7C07D 215/56**
[25] EN
[54] **ANHYDROUS CRYSTALLINE FORMS I AND II OF 1-CYCLOPROPYL-6-FLUORO-8-METHOXY-7-(3-METHYL-1-PIPERAZINYL) 4-OXO-L, 4-DIHYDROQUINOLINE-3-CARBOXYLIC ACID (GATIFLOXACIN)**
[54] **FORMES CRISTALLINES ANHYDRES I ET II DE L'ACIDE 1-CYCLOPROPYLE-6-FLUORO-8-METHOXY-7-(3-METHYL-1-PIPERAZINYL) 4-OXO-L, 4-DIHYDROQUINOLEINE-3-CARBOXYLIQUE (GATIFLOXACINE)**
[72] REDDY, NINGAM SRINIVAS, IN
[72] KUMAR, RAPOLU RAJESH, IN
[72] RAJU, VETUKURI VENKATA NAGA KALI VARA PRASADA, IN
[72] REDDY, MANNE SATYANARAYANA, IN
[72] RAJU, CHAKILAM NAGA, IN
[71] DR. REDDY'S LABORATORIES LIMITED, IN
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[87] 2003-10-23 (WO2003/086402)
[30] IN (259/MAS/2002) 2002-04-08
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[13] A1

[51] **Int.Cl. 7A61K 31/56**
[25] EN
[54] **STEP-DOWN ESTROGEN THERAPY**
[54] **THERAPIE OESTROGENIQUE A DIMINUTION GRADUELLE**
[72] LEONARD, THOMAS W., US
[72] WALDON, R. FORREST, US
[71] BARR LABORATORIES, INC., US
[85] 2004-10-01
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[30] US (60/369,905) 2002-04-03

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[13] A1

[51] **Int.Cl. 7G01N 33/68 7C12Q 1/68**
[25] EN
[54] **TAGGING AND RECOVERY OF ELEMENTS ASSOCIATED WITH TARGET MOLECULES**
[54] **ETIQUETAGE ET RECUPERATION D'ELEMENTS ASSOCIES A DES MOLECULES CIBLES**
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[72] CHAKALOVA, LYUBOMIRA, GB
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[71] THE BABRAHAM INSTITUTE, GB
[85] 2004-10-01
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[13] A1

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[25] EN
[54] **BICYCLIC AMIDES**
[54] **AMIDES BICYCLIQUES**
[72] LIN, LINUS S., US
[72] HAGMANN, WILLIAM K., US
[72] SHAH, SHRENIK K., US
[72] CASTONGUAY, LAURIE A., US
[71] MERCK & CO., INC., US
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[13] A1

[51] **Int.Cl. 7C02F 1/32**
[25] EN
[54] **APPARATUS FOR IRRADIATING FLUIDS WITH UV**
[54] **APPAREIL POUR IRRADIER DES FLUIDES AVEC DES U.V.**
[72] NEOFOTISTOS, PARIS, US
[71] ONDEO DEGREMEONT, INC., US
[85] 2004-10-01
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[13] A1

[51] **Int.Cl. 7C12N 1/36 7A61K 39/04 7C12N 15/11 7C07K 14/35 7G01N 33/569**
[25] EN
[54] **IDENTIFICATION OF VIRULENCE ASSOCIATED REGIONS RD1 AND RD5 ENABLING THE DEVELOPMENT OF IMPROVED VACCINES OF M. BOVIS BCG AND M. MICROTI**
[54] **IDENTIFICATION DES REGIONS RD1 ET RD5 ASSOCIEES A LA VIRULENCE AFIN D'AMELIORER LE VACCIN DE M. BOVIS BCG ET M. MICROTI**
[72] COLE, STEWART, FR
[72] BROSCHE, ROLAND, FR
[72] PYM, ALEXANDER S., GB
[72] BRODIN, PRISCILLE, FR
[72] DEMANGEL, CAROLINE, FR
[72] LECLERC, CLAUDE, FR
[72] MAJLESSI, LALEH, FR
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[13] A1

[51] **Int.Cl. 7A61K 31/415**
[25] EN
[54] **1H-BENZO-F]INDAZOL-5-YL DERIVATIVES AS SELECTIVE GLUCOCORTICOID RECEPTOR MODULATORS**
[54] **DERIVES DE 1H-BENZO-F]INDAZOL-5-YL UTILISES EN TANT QUE MODULATEURS SELECTIFS DU RECEPTEUR GLUCOCORTICOIDE**
[72] BALKOVEC, JAMES M., US
[72] GRAHAM, DONALD W., US
[72] ALI, AMJAD, US
[72] QURAISHI, NAZIA, US
[72] THOMPSON, CHRISTOPHER F., US
[71] MERCK & CO., INC., US
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[87] 2003-10-23 (WO2003/086294)
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[13] A1

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[25] EN
[54] **NOVEL FORM OF N-(TRANS-4-ISOPROPYLCYCLOHEXYLCARBONYL)-D-PHENYLALANINE**
[54] **NOUVELLE FORME DE N-(TRANS-4-ISOPROPYLCYCLOHEXYLCARBONYL)-D-PHENYLALANINE**
[72] RAJAMAHENDRA, SHANMUGHASAMY, IN
[72] ASWATHANARAYANAPPA, CHANDRASHEKAR, IN
[72] PUTHIAPARAMPIL, TOM THOMAS, IN
[72] GANESH, SAMBASIVAM, IN
[72] SRIDHARAN, MADHAVAN, IN
[71] BIOCON LIMITED, IN
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[13] A1

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[25] EN
[54] **BIOLOGICAL SUBSTANCE IMMOBILIZED GEL AND MICROARRAY USING THE SAME**
[54] **GEL AUQUEL EST FIXEE UNE SUBSTANCE BIOLOGIQUE ET MICRORESEAU COMPRENANT LEDIT GEL**
[72] NAGAHAMA, CHIAKI, JP
[72] ITOU, CHIHO, JP
[71] MITSUBISHI RAYON CO., LTD., JP
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[86] 2003-04-03 (PCT/JP2003/004274)
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[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61P 31/18 7A61K 39/42 7A61K 31/727 7A61K 31/737**
[25] EN
[54] **ANTI-HIV COMPOSITION, PRODUCTION METHOD THEREOF AND MEDICAMENT**
[54] **COMPOSITION ANTI-VIH, COMPRENANT UN POLYANION ET UN AGENT AGISSANT SUR GP120 DE ACON EQUIVALENT AU CD4**
[72] VIVES, ROMAIN, FR
[72] VITA, CLAUDIO, FR
[72] LORTAT-JACOB, HUGUES, FR
[72] SATTENTAU, QUENTIN, GB
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[86] 2003-04-17 (PCT/FR2003/001234)
[87] 2003-10-30 (WO2003/089000)
[30] FR (02/04926) 2002-04-19

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[51] **Int.Cl. 7C08G 18/08 7C09D 175/04 7C08G 18/12 7C08G 18/28 7C08G 18/32 7C08G 18/42 7C08G 18/48 7C08G 18/61 7C08G 18/66**
[25] EN
[54] **BREATHABLE POLYURETHANES, BLENDS, AND ARTICLES**
[54] **POLYURETHANNES IMPER-RESPIRANTS, MELANGES ET ARTICLES**
[72] ANDERLE, GARY A., US
[72] LUBNIN, ALEXANDER V., US
[72] SNOW, GEORGE E., US
[72] VARN, RONALD D., US
[71] NOVEON IP HOLDINGS CORP., US
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[51] **Int.Cl. 7H02K 49/04**
[25] EN
[54] **MAGNETIC POWER TRANSMISSION DEVICES FOR OILFIELD APPLICATIONS**
[54] **DISPOSITIFS DE TRANSMISSION D'ENERGIE MAGNETIQUE POUR APPLICATIONS PETROLIFERES**
[72] FOUT, GARY E., US
[72] DENSMORE, BRUCE, US
[71] M-I, L.L.C., US
[85] 2004-10-01
[86] 2003-04-02 (PCT/US2003/009816)
[87] 2003-10-16 (WO2003/085812)
[30] US (60/369,296) 2002-04-02
[30] US (10/401,264) 2003-03-27

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[51] **Int.Cl. 7A61K 39/395 7C07K 1/00 7C07K 14/00 7A61K 9/127 7A61K 38/24 7A61K 47/48**
[25] EN
[54] **TISSUE-SPECIFIC ENDOTHELIAL MEMBRANE PROTEINS**
[54] **PROTEINES DE MEMBRANES ENDOTHELIALES SPECIFIQUES DE TISSUS**
[72] STEVENS, ANTHONY C., US
[72] ROBEN, PAUL W., US
[71] UTAH VENTURES II, L.P., US
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[86] 2003-03-31 (PCT/US2003/010195)
[87] 2003-10-16 (WO2003/084469)
[30] US (60/369,452) 2002-04-01

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[13] A1

[51] **Int.Cl. 7G11C 7/02 7G11C 16/06 7H03F 3/45**
[25] EN
[54] **SINGLE-ENDED CURRENT SENSE AMPLIFIER**
[54] **AMPLIFICATEUR DE DETECTION DE COURANT ASYMETRIQUE**
[72] DAGA, JEAN MICHEL, FR
[72] GUICHAOUA, JANINE, FR
[72] PAPAIX, CAROLINE, FR
[71] ATMEL CORPORATION, US
[85] 2004-10-12
[86] 2003-02-11 (PCT/US2003/004075)
[87] 2003-10-23 (WO2003/088252)
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[13] A1

[51] **Int.Cl. 7G07F 19/00**
[25] EN
[54] **PAYMENT TERMINAL DEVICE FOR PAYMENT DATA EXCHANGE**
[54] **TERMINAL DE PAIEMENT POUR ECHANGE DE DONNEES DE PAIEMENT**
[72] POLUTNIK, ALEKSANDER, SI
[72] TERPIN, MATJAZ, SI
[72] PAVLIC, BOGDAN, SI
[71] ULTRA PROIZVODNJA ELEKTRONSKIH NAPRAV D.O.O., SI
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[13] A1

[51] **Int.Cl. 7C07D 239/49 7A61K 31/505**
[25] EN
[54] **INHIBITORS OF GLYCINAMIDE RIBONUCLEOTIDE TRANSFORMYLASE**
[54] **INHIBITEURS DE LA TRANSFORMYLASE DE LA GLYCINAMIDE RIBONUCLEOTIDE**
[72] BOGER, DALE L., US
[72] WILSON, IAN A., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2004-10-05
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[30] US (60/370,591) 2002-04-05

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[13] A1

[51] **Int.Cl. 7A47B 3/083 7A47B 3/00**
[25] EN
[54] **PORTABLE FOLDING TABLE**
[54] **TABLE PLIANTE PORTABLE**
[72] ADAMS, RAY, US
[72] VAN NIMWEGEN, ED, US
[72] HANEY, THAYNE, US
[72] KEARL, JACOB, US
[72] STRONG, CURTIS L., US
[72] WINTER, DAVID C., US
[71] LIFETIME PRODUCTS, INC., US
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[87] 2003-10-23 (WO2003/086145)
[30] US (60/371,486) 2002-04-09
[30] US (10/408,914) 2003-04-08

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[13] A1

[51] **Int.Cl. 7A61B 18/02**
[25] EN
[54] **CRYO BALLOON**
[54] **CRYOBALLOONNET**
[72] LAFONTAINE, DANIEL M., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2004-10-05
[86] 2003-04-10 (PCT/US2003/010965)
[87] 2003-10-30 (WO2003/088857)
[30] US (10/126,027) 2002-04-19

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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM FOR COLLECTING STORING PRESENTING AND ANALYZING IMMUNIZATION DATA HAVING REMOTE STATIONS IN COMMUNICATION WITH A VACCINE AND DISEASE DATABASE OVER A NETWORK**
[54] **SYSTEME DE COLLECTE, DE STOCKAGE, DE PRESENTATION ET D'ANALYSE DE DONNEES DE VACCINATION DANS LEQUEL DES STATIONS ELOIGNEES COMMUNIQUENT AVEC UNE BASE DE DONNEES DE VACCINATION ETDES MALADIES AU SEIN D'UN RESEAU**
[72] ROSENBERG, ZEIL, US
[72] FUERST, OREN, US
[71] BECTON, DICKSON AND COMPANY, US
[85] 2004-10-08
[86] 2003-04-11 (PCT/US2003/011119)
[87] 2003-10-23 (WO2003/087996)
[30] US (60/371,720) 2002-04-12
[30] US (10/373,590) 2003-02-26

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[13] A1

[51] **Int.Cl. 7C07D 403/12 7A61K 38/00 7C07F 5/02 7C07D 471/04 7C07K 5/08 7C07K 5/10 7C07D 401/12 7C07D 405/12 7C07D 417/12 7A61P 31/12 7C07D 405/14 7A61K 31/404 7C07D 209/42**
[25] EN
[54] **INHIBITORS OF SERINE PROTEASES, PARTICULARLY HEPATITIS C VIRUS NS3 - NS4 PROTEASE**
[54] **INHIBITEURS DE LA SERINE PROTEASE, NOTAMMENT DE LA PROTEASE NS3-NS4A DU VIRUS DE L'HEPATITE C**
[72] PITLIK, JANOS, US
[72] PERNI, ROBERT B., US
[72] COURTNEY, LAWRENCE F., US
[72] MURCKO, MARK A., US
[72] VAN DRIE, JOHN H., US
[72] COTTRELL, KEVIN M., US
[72] FARMER, LUC J., US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2004-10-07
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[30] US (60/371,846) 2002-04-11

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[13] A1

[51] **Int.Cl. 7A61K 9/14 7A01N 25/00 7A01N 33/02 7A61K 31/135 7A01N 43/40 7A61K 31/44**
[25] EN
[54] **PROCESS FOR PREPARING TANNATE LIQUID AND SEMI-SOLID DOSAGE FORMS**
[54] **PROCEDE DE PREPARATION DE LIQUIDE DE TANNATE ET FORMES POSOLOGIQUES SEMI-SOLIDES**
[72] MANI, NARASIMHAN, US
[72] THOMAS, GREG H., US
[72] KIEL, JEFFREY S., US
[71] KIEL LABORATORIES, INC., US
[85] 2004-10-06
[86] 2003-04-09 (PCT/US2003/010921)
[87] 2003-10-23 (WO2003/086295)
[30] US (10/119,285) 2002-04-09

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7A01N 43/04 7A61K 31/07**
[25] EN
[54] **METHOD TO INHIBIT CELL GROWTH USING OLIGONUCLEOTIDES**
[54] **PROCEDE D'INHIBITION DE CROISSANCE CELLULAIRE AU MOYEN D'OLIGONUCLEOTIDES**
[72] ELLER, MARK S., US
[72] YAAR, MINA, US
[72] GILCHRIST, BARBARA A., US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2004-10-12
[86] 2003-04-11 (PCT/US2003/011393)
[87] 2003-10-23 (WO2003/087411)
[30] US (10/122,630) 2002-04-12

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[13] A1
[51] **Int.Cl. 7A61F 2/32 7A61F 2/30 7A61F 2/34**
[25] EN
[54] **BIOLOGICALLY REABSORBABLE ACETABULAR CONSTRAINING COMPONENTS AND MATERIALS FOR USE WITH A HIP REPLACEMENT PROSTHESIS AND BIOREABSORBABLE MATERIALS TO AUGMENT HIP REPLACEMENT STABILITY AND FUNCTION**
[54] **MATIERES ET COMPOSANTS DE CONTRAINTE ACETABULAIRES BIOLOGIQUEMENT REABSORBABLES, DESTINES A ETRE UTILISES AVEC UNE PROTHESE DE REMPLACEMENT DE HANCHE ET MATIERES REABSORBABLES DESTINEES A AUGMENTER LA STABILITE ET LA FONCTION DE REMPLACEMENT DE HANCHE**
[72] WASIELEWSKI, RAYMOND C., US
[71] WASIELEWSKI, RAYMOND C., US
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[54] **A SAMPLE SURFACE COMPONENT FOR AN INSTRUMENT THAT MEASURES VISCOSITY AND VISCOELASTICITY**
[54] **COMPOSANT DE SURFACE ECHANTILLON POUR UN INSTRUMENT MESURANT LA VISCOSITE ET LA VISCOELASTICITE**
[72] KOSASKY, HAROLD J., US
[72] NOUKAS, ELIAS G., US
[72] MURRAY, PAUL D., US
[72] KENIG, ALFREDO O., US
[71] BOSTON RHEOLOGY LLC, US
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[51] **Int.Cl. 7A61B 3/16**
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[54] **APPARATUS AND METHOD FOR MEASURING INTRAOCULAR PRESSURE**
[54] **APPAREIL ET PROCEDE DE MESURE DE LA PRESSION INTRAOCULAIRE**
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[72] ROY, SHUVO, US
[72] LEWIS, HILEL, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
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[54] **ACTIVATED CARBON FIBER CIGARETTE FILTER**
[54] **FILTRE A CIGARETTE EN FIBRES DE CARBONE ACTIVEES**
[72] THOMAS, CHARLES EDWIN, JR., US
[72] FOURNIER, JAY A., US
[72] ZHUANG, SHUZHONG, US
[72] SHERWOOD, TIMOTHY SCOTT, US
[72] PAINE, JOHN BRYANT III, US
[72] XUE, LIXIN, US
[72] NEPOMUCENO, JOSE G., US
[72] KOLLER, KENT BRIAN, US
[72] YU, LIQUN, US
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[54] **MODULATION OF STEM AND PROGENITOR CELL DIFFERENTIATION, ASSAYS, AND USES THEREOF**
[54] **MODULATION DE DIFFERENCIATION DE CELLULE SOUCHE ET DE CELLULE PROGENITRICE, ANALYSES ET UTILISATIONS ASSOCIEES**
[72] MOUTOUH-DE PARSEVAL, LAURE A., US
[72] STIRLING, DAVID I., US
[72] CHAN, KYLE W. H., US
[72] HARIRI, ROBERT J., US
[71] CELGENE CORPORATION, US
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[25] EN
[54] **METHODS FOR IDENTIFICATION OF MODULATORS OF ANGIOGENESIS, COMPOUNDS DISCOVERED THEREBY, AND METHODS OF TREATMENT USING THE COMPOUNDS**
[54] **TECHNIQUES D'IDENTIFICATION DE MODULATEURS D'ANGIOGENESE, COMPOSES DECOUVERTS PAR CES TECHNIQUES ET TECHNIQUES DE TRAITEMENT UTILISANT CES COMPOSES**
[72] STIRLING, DAVID I., US
[72] YE, QIAN, US
[72] WU, LEI, US
[72] PAYVANDI, FARIBOURZ, US
[72] HARIRI, ROBERT J., US
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[54] **SYSTEME DE PRISE D'EMPREINTE DENTAIRE**
[72] ROETZER, PATRICK, L., US
[71] ROETZER, PATRICK, L., US
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[25] EN
[54] **DENTAL RETRACTOR AND FLUID CONTROL SYSTEM**
[54] **ECARTEUR DENTAIRE ET SYSTEME DE CONTROLE D'ECOULEMENT LIQUIDE**
[72] BOETZER, PATRICK, L., US
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[54] **PREPARATIONS DE MEGESTROL NANOPARTICULAIRES**
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[72] PRUITT, JOHN, US
[72] HOVEY, DOUGLAS, US
[71] ELAN PHARMA INTERNATIONAL LIMITED, IE
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[54] **PREVENTIVES/REMEDIES FOR HOTFLASH**
[54] **AGENTS POUR PREVENIR/ TRAITER LES BOUFFEES DE CHALEUR**
[72] KUSAKA, MASAMI, JP
[72] FURUYA, SHUICHI, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **PLASTIC BARRIER CLOSURE AND METHOD OF FABRICATION**
[54] **BOUCHON ETANCHE EN PLASTIQUE ET PROCEDE DE FABRICATION**
[72] TOPA, ANTONIO J. F., US
[72] SCHENCK, TIMOTHY T., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
[54] **ACOUSTIC UNDERLAYMENT FOR PRE-FINISHED LAMINATE FLOOR SYSTEMS**
[54] **SOUS-COUCHE ACOUSTIQUE POUR SYSTEMES DE PLANCHERS LAMELLES PREFINIS**
[72] DALE, ROBERT, US
[72] SCHAEFFER, JAMES, US
[71] POLYMER GROUP INC., US
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[25] EN
[54] **THERMOSTABLE DNA POLYMERASES AND METHODS OF MAKING SAME**
[54] **POLYMERASES ADN THERMOSTABLES ET PROCEDES DE FABRICATION CORRESPONDANTS**
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[71] AMERSHAM BIOSCIENCES CORP, US
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[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS FOR TARGETED MARKETING**
[54] **PROCEDE ET APPAREIL DE MARKETING CIBLE**
[72] CHEN, TIMOTHY T., US
[71] CHEN, TIMOTHY T., US
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[25] EN
[54] **PROMOTER AND PLASMID SYSTEM FOR GENETIC ENGINEERING**
[54] **SYSTEMES DE PROMOTEURS ET DE PLASMIDES POUR L'INGENIERIE GENETIQUE**
[72] VALLE, FERNANDO, US
[72] HSU, AMY KUANG-HUA, US
[72] TRIMBUR, DONALD EUGENE, US
[72] PAYNE, MARK S., US
[72] SOUCAILLE, PHILIPPE, US
[72] NAIR, RAMESH, US
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[51] **Int.Cl. 7B65D 33/16 7B65D 33/14**
[25] EN
[54] **METHOD AND DEVICE FOR HOLDING RECLOSABLE THERMOPLASTIC SLIDER BAGS**
[54] **PROCEDE ET DISPOSITIF POUR LE MAINTIEN DE SACS THERMOPLASTIQUES REFERMABLES A FERMETURE COULISSANTE**
[72] STANLEY, DANIEL WARWICK JR., US
[72] TURVEY, ROBERT R., US
[72] BETANCOURT, ALLISON K., US
[72] GUNDLACH, DOUGLAS P., US
[71] S.C. JOHNSON HOME STORAGE, INC., US
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[51] **Int.Cl. 7H04L 12/28**
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[54] **SYSTEM AND METHOD FOR IDENTIFYING POTENTIAL HIDDEN NODE PROBLEMS IN MULTI-HOP WIRELESS AD-HOC NETWORKS**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE PROBLEMES POTENTIELS DE NOEUD CACHE DANS DES RESEAUX AD HOC HERTZIENS A POINTS MULTIPLES**
[72] HASTY, WILLIAM V., JR., US
[71] MESHNETWORKS, INC., US
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[30] US (60/371,718) 2002-04-12
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[25] EN
[54] **CLOTH AND METHOD FOR MANUFACTURING A CLOTH WITH AT LEAST ONE PERMANENT FOLD.**
[54] **TISSU ET PROCEDE DE FABRICATION D'UN TISSU AYANT AU MOINS UN PLI PERMANENT**
[72] MOONS, MARK LODEWIJK, BE
[71] LUDVIG SVENSSON B.V., NL
[85] 2004-10-05
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[30] BE (2002/0267) 2002-04-18

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[51] **Int.Cl. 7D04H 1/46 7D04H 3/10**
[25] EN
[54] **RENEWABLE IMAGED NONWOVEN FABRIC COMPRISING RECONSTITUTED FIBERS**
[54] **TISSU NON TISSE D'IMAGE RENOUVELABLE COMPRENANT DES FIBRES RECONSTITUEES**
[72] CARTER, NICK, US
[72] PUTNAM, MICHAEL, US
[72] MCNAULL, CYNTHIA, US
[72] TINDALL, RUSSELL, US
[72] NUNN, KAYREN JOY, US
[71] POLYMER GROUP, INC., US
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[30] US (60/370,896) 2002-04-08

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[51] **Int.Cl. 7A61L 2/28 7A61L 2/08 7A61L 2/24**
[25] EN
[54] **STERILIZER MONITORING AND CONTROLLING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE ET DE CONTROLE DE STERILISATEUR**
[72] BRAFFORD, ROBERT W., US
[72] KAPUSTYAN, ALEXANDER, US
[71] BAXTER INTERNATIONAL INC., US
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[51] **Int.Cl. 7H04L 29/06 7H04Q 7/38**
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[54] **KEY UPDATES IN A MOBILE WIRELESS SYSTEM**
[54] **MISES A JOUR DE CLES DANS UN SYSTEME DE TELECOMMUNICATION MOBILE SANS FIL**
[72] LIOY, MARCELLO, US
[72] DYCK, JEFFREY, US
[72] QUICK, ROY FRANKLIN, JR., US
[72] MANDAYAM, JAYANTH, US
[71] QUALCOMM INCORPORATED, US
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[13] A1
[51] **Int.Cl. 7H04N 13/00**
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[54] **STEREOSCOPIC VIDEO SEQUENCES CODING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CODAGE DE SEQUENCES VIDEO STEREOSCOPIQUES**
[72] DALLAIRE, MARTIN, CA
[72] ROUTHIER, NICHOLAS, CA
[72] CARPENTIER, PIERRE-PAUL, CA
[72] MALOUIN, DANIEL, CA
[72] THIBEAULT, CLAUDE, CA
[72] BELZILE, JEAN, CA
[71] TEG SENSORIAL TECHNOLOGIES INC., CA
[85] 2004-10-05
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[30] CA (2,380,105) 2002-04-09

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[51] **Int.Cl. 7A62B 17/00**
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[54] **PERSONAL CONTAINMENT SYSTEM WITH SEALED PASSTHROUGH**
[54] **SYSTEME DE CONFINEMENT PERSONNEL A SAS ETANCHE**
[72] ODELL, RAYMOND, US
[72] GRAVES, JASON A., US
[72] AVERY, MARTIN J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-10-05
[86] 2003-03-19 (PCT/US2003/008630)
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[30] US (10/121,306) 2002-04-12
[30] US (10/263,894) 2002-10-03

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[13] A1
[51] **Int.Cl. 7G06F 17/30**
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[54] **METHOD AND SYSTEM FOR DISTRIBUTING DATA**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION DE DONNEES**
[72] ADEL, EL-BEIK, GB
[71] COMPUTER ASSOCIATES THINK, INC., US
[85] 2004-10-05
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[30] US (60/373,812) 2002-04-19

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[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **AUTOMATIC MODEL MAINTENANCE THROUGH LOCAL NETS**
[54] **MAINTENANCE AUTOMATIQUE DE MODELES PAR LE BIAIS DE RESEAUX LOCAUX**
[72] DUAN, BAOFU, US
[72] PAO, YOH-HAN, US
[72] MENG, ZHOU, US
[71] COMPUTER ASSOCIATES THINK, INC., US
[85] 2004-10-05
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[30] US (60/373,780) 2002-04-19
[30] US (60/373,977) 2002-04-19
[30] US (60/374,020) 2002-04-19
[30] US (60/374,024) 2002-04-19
[30] US (60/374,041) 2002-04-19
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[30] US (10/401,930) 2003-03-28

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[51] **Int.Cl. 7G06F 17/00 7G06F 7/00 7G06N 3/02**
[25] EN
[54] **PROCESSING MIXED NUMERIC AND/OR NON-NUMERIC DATA**
[54] **TRAITEMENT DE DONNEES NUMERIQUES ET/OU NON NUMERIQUES MIXTES**
[72] CASS, RONALD, US
[72] PAO, YOH-HAN, US
[72] DUAN, BAOFU, US
[72] MENG, ZHUO, US
[71] COMPUTER ASSOCIATES THINK, INC., US
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[30] US (60/374,064) 2002-04-19
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[30] US (60/374,024) 2002-04-19
[30] US (60/374,041) 2002-04-19
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[13] A1

[51] **Int.Cl. 7A61M 5/30**
[25] EN
[54] **NEEDLELESS SYRINGE FOR THE SUBCUTANEOUS INJECTION OF DROPLETS OF LIQUID SUBSTANCES**
[54] **SERINGUE SANS AIGUILLE POUR L'INJECTION SOUS-CUTANEE DE GOUTTELETTES DE SUBSTANCES LIQUIDES**
[72] BROUILLETTE, MARTIN, CA
[72] DUFRESNE, STEPHANE, CA
[71] UNIVERSITE DE SHERBROOKE, CA
[85] 2004-10-05
[86] 2003-04-04 (PCT/CA2003/000516)
[87] 2003-10-23 (WO2003/086510)
[30] CA (2,380,671) 2002-04-05

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[13] A1

[51] **Int.Cl. 7H01P 1/38 7H01Q 21/00**
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[54] **EMBEDDED PLANAR CIRCULATOR AND A METHOD FOR FABRICATING THE SAME**
[54] **CIRCULATEUR PLAN INTEGRE ET PROCEDE DE FABRICATION**
[72] PUZELLA, ANGELO, US
[72] DUPUIS, PATRICIA S., US
[72] CROWDER, JOSEPH M., US
[72] KOMISAREK, KENNETH S., US
[72] KINGSTON, GARY P., US
[71] RAYTHEON COMPANY, US
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[86] 2003-04-08 (PCT/US2003/010941)
[87] 2003-10-30 (WO2003/090307)
[30] US (10/123,806) 2002-04-16

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[13] A1

[51] **Int.Cl. 7D06F 37/20 7D06F 37/26**
[25] EN
[54] **BALLAST WEIGHT FOR WASHING MACHINES**
[54] **POIDS DE LESTAGE POUR LAVE-LINGE**
[72] KREUZIGER, UTE, DE
[72] KAULBERSCH, OTTO, DE
[72] WIRTHWEIN, UDO, DE
[71] WIRTHWEIN AG, DE
[85] 2004-10-05
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[87] 2003-10-16 (WO2003/085187)
[30] DE (102 15 254.3) 2002-04-07

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[51] **Int.Cl. 7B41J 3/407 7B65C 9/18**
[25] EN
[54] **AN APPARATUS FOR PRINTING AND APPLYING TAPE AND METHODS OF PRINTING AND APPLYING TAPE**
[54] **APPAREIL POUR IMPRIMER ET APPLIQUER DU RUBAN ADHESIF ET PROCEDES D'IMPRESSION ET D'APPLICATION DU RUBAN ADHESIF**
[72] MITCHELL, MICHAEL R., US
[72] LUCHT, STEVEN G., US
[72] VASILAKES, LLOYD S., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-10-05
[86] 2003-02-27 (PCT/US2003/005929)
[87] 2003-10-23 (WO2003/086761)
[30] US (10/121,536) 2002-04-12

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[13] A1

[51] **Int.Cl. 7H04B 7/26 7H04Q 7/36**
[25] EN
[54] **A SYSTEM AND METHOD FOR PROVIDING WIRELESS TELEMATICS STORE AND FORWARD MESSAGING FOR PEER-TO-PEER AND PEER-TO-PEER-TO-INFRASTRUCTURE IN A COMMUNICATION NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FOURNIR UN STOCKAGE TELEMATIQUE SANS FIL ET DE REACHEMINER UNE MESSAGERIE ENTRE HOMOLOGUES ET ENTRE HOMOLOGUES ET INFRASTRUCTURE DANS UN RESEAU DECOMMUNICATIONS**
[72] ELKINGTON, WILLIAM C., US
[72] GARAH, MASOOD, US
[71] MESHNETWORKS, INC., US
[85] 2004-10-05
[86] 2003-04-14 (PCT/US2003/011365)
[87] 2003-10-30 (WO2003/090365)
[30] US (10/122,375) 2002-04-16

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[13] A1

[51] **Int.Cl. 7H02J 5/00**
[25] EN
[54] **DEVICE FOR THE INDUCTIVE TRANSMISSION OF ELECTRIC POWER**
[54] **PROCEDE DE TRANSMISSION INDUCTIVE D'ENERGIE ELECTRIQUE**
[72] GREEN, ANDREW, DE
[71] WAMPFLER AKTIENGESELLSCHAFT, DE
[85] 2004-10-05
[86] 2003-02-05 (PCT/EP2003/001099)
[87] 2003-10-16 (WO2003/085797)
[30] DE (102 15 236.5) 2002-04-06

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[51] **Int.Cl. 7A01N 25/34 7B42D 15/00 7B42D 15/10 7D21H 21/36**
[25] FR
[54] **SUPPORT D'INFORMATION PRESENTANT DES PROPRIETES BIOCIDES ET SON PROCEDE DE FABRICATION**
[54] **DATA MEDIUM HAVING BIOCIDAL PROPERTIES AND METHOD FOR MAKING SAME**
[72] ROSSET, HENRI, FR
[72] JAYET-LARAFTE, CHRISTIANE, FR
[71] ARJO WIGGINS SECURITY SAS, FR
[85] 2004-10-05
[86] 2003-04-08 (PCT/FR2003/001097)
[87] 2003-10-16 (WO2003/084326)
[30] FR (02/04363) 2002-04-08

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[13] A1

[51] **Int.Cl. 7B21B 45/02 7B21B 39/14**
[25] EN
[54] **DEVICE FOR COOLING ROLLING STOCK WITHIN THE COOLING LINE OF A ROLLING MILL**
[54] **DISPOSITIF DE REFROIDISSEMENT DE PRODUITS A LAMINER DANS LA VOIE DE REFROIDISSEMENT D'UN LAMINOIR**
[72] CRAMER, ULRICH, DE
[72] BRAUN, MARTIN, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
[85] 2004-10-05
[86] 2003-02-27 (PCT/EP2003/001999)
[87] 2003-10-16 (WO2003/084686)
[30] DE (102 15 229.2) 2002-04-06

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[21] **2,481,445**
[13] A1

[51] **Int.Cl. 7B60L 5/00 7H02J 5/00 7G05D 1/03 7H01F 38/14**
[25] EN
[54] **DEVICE FOR SUPPLYING ENERGY AND FOR GUIDING A MOBILE OBJECT INDUCTIVELY**
[54] **DISPOSITIF PERMETTANT D'ALIMENTER UN OBJET MOBILE EN ENERGIE ET DE LE COMMANDER PAR INDUCTION**
[72] BOEHLER, FRANK, DE
[72] WINTERHALTER, ROLAND, DE
[72] GREEN, ANDREW, DE
[71] WAMPFLER AKTIENGESELLSCHAFT, DE
[85] 2004-10-05
[86] 2003-02-20 (PCT/EP2003/001713)
[87] 2003-10-23 (WO2003/086807)
[30] DE (102 16 422.3) 2002-04-12

[21] **2,481,446**
[13] A1

[51] **Int.Cl. 7A61B 6/00**
[25] FR
[54] **SYSTEME D'AIDE A LA NAVIGATION EN TEMPS REEL POUR DISPOSITIF DE RADIOGRAPHIE**
[54] **REAL-TIME NAVIGATIONAL AID SYSTEM FOR RADIOGRAPHY**
[72] VALLEE, JEAN-NOEL, FR
[72] NIOCHE, CHRISTOPHE, FR
[72] SABBAH, PATRICK, FR
[71] VALLEE, JEAN-NOEL, FR
[71] NIOCHE, CHRISTOPHE, FR
[71] SABBAH, PATRICK, FR
[85] 2004-10-05
[86] 2003-04-04 (PCT/FR2003/001075)
[87] 2003-10-16 (WO2003/084380)
[30] FR (02/04296) 2002-04-05

[21] **2,481,447**
[13] A1

[51] **Int.Cl. 7D21H 21/02 7D21H 11/14 7D21H 17/44 7D21H 17/54 7D21H 17/66 7D21H 17/68 7D21H 23/76**
[25] EN
[54] **WHITE PITCH DEPOSIT TREATMENT**
[54] **TRAITEMENT DU DEPOT DE LA POIX BLANCHE**
[72] WILLIAMS, STEPHANIE CAINE, US
[72] CHEN, GORDON CHENG I., US
[72] EDMONDS, CHRISTIAN BRUCE, US
[72] GRIMSLEY, SWINDELL ALLEN, US
[72] BLAZEY, MATTHEW ANTHONY, US
[71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB
[85] 2004-10-05
[86] 2003-04-03 (PCT/EP2003/003487)
[87] 2003-10-16 (WO2003/085199)
[30] US (60/370,653) 2002-04-08

[21] **2,481,448**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND DEVICE FOR OPTIMIZING THE ORDER OF ASSIGNMENT OF A NUMBER OF SUPPLIES TO A NUMBER OF DEMANDERS**
[54] **PROCEDE ET DISPOSITIF POUR L'OPTIMISATION DU RANG D'ATTRIBUTION D'UN CERTAIN NOMBRE DE MOYENS A UN CERTAIN NOMBRE DE DEMANDEURS**
[72] HOFFESOMMER, KLAUS, DE
[71] OPTIMIZATION METHODS DEUTSCHLAND GMBH, DE
[85] 2004-10-05
[86] 2003-04-04 (PCT/EP2003/003551)
[87] 2003-10-16 (WO2003/085566)
[30] US (60/370,608) 2002-04-05

[21] **2,481,454**
[13] A1

[51] **Int.Cl. 7A61K 7/50**
[25] EN
[54] **PERSONAL CARE ARTICLE WITH DISTINCT ACTIVE ZONE**
[54] **ARTICLE D'HYGIENE PERSONNELLE AVEC ZONE ACTIVE DISTINCTE**
[72] SLAVTCHEFF, CRAIG STEPHEN, US
[72] PADLO, EWA URSZULA, US
[72] GOTT, ROBERT EDWARD, US
[71] UNILEVER PLC, GB
[85] 2004-10-05
[86] 2003-04-03 (PCT/EP2003/003465)
[87] 2003-11-06 (WO2003/090709)
[30] US (10/134,207) 2002-04-26

[21] **2,481,456**
[13] A1

[51] **Int.Cl. 7C08G 69/00**
[25] EN
[54] **METHOD FOR PRODUCING POLYAMIDES**
[54] **PROCEDE DE PRODUCTION DE POLYAMIDES**
[72] HAHN, THILO, DE
[72] BENISCH, CHRISTOPH, DE
[72] WINTERLING, HELMUT, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-10-05
[86] 2003-04-08 (PCT/EP2003/003614)
[87] 2003-10-30 (WO2003/089496)
[30] DE (102 17 439.3) 2002-04-18

[21] **2,481,459**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 29/00**
[25] EN
[54] **AN ANTI-RHEUMATISM MEDICAMENT AND METHOD TO PREPARE THEREOF**
[54] **MEDICAMENT CONTRE LES RHUMATISMES ET PROCEDE DE PRODUCTION**
[72] DENG, WENLONG, CN
[71] SICHUAN INSTITUTE OF CHINESE MATERIA MEDICA, CN
[71] GUANGZHOU CHEN LI JI PHARMACEUTICAL FACTORY, CN
[85] 2004-10-12
[86] 2002-04-09 (PCT/CN2002/000246)
[87] 2003-10-23 (WO2003/086425)

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[21] **2,481,463**
[13] A1
[51] **Int.Cl. 7C07D 498/04 7A61K 31/42**
[25] EN
[54] **1-OXA-3-AZA-DIBENZOAZULENES AS INHIBITORS OF TUMOUR NECROSIS FACTOR PRODUCTION AND INTERMEDIATES FOR THE PRODUCTION THEREOF**
[54] **1-OXA-3-AZA-DIBENZOAZULENES UTILISES COMME INHIBITEURS DE LA PRODUCTION DU FACTEUR DE NECROSE TUMORALE, ET INTERMEDIAIRES DESTINES A LA PRODUCTION DE CES DERNIERS**
[72] PESIC, DIJANA, HR
[72] BENKO, IVA, HR
[72] MERCEP, MLADEN, HR
[72] MESIC, MILAN, HR
[71] PLIVA-ISTRAZIVACKI INSTITUT D.O.O., HR
[85] 2004-10-05
[86] 2003-04-09 (PCT/HR2003/000015)
[87] 2003-10-16 (WO2003/084964)
[30] HR (P20020304A) 2002-04-10

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[13] A1
[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **DRY POWDER COMPOSITIONS**
[54] **COMPOSITIONS SOUS FORME DE POUVRE SECHE**
[72] BULSARA, PALLAV ARVIND, GB
[72] ROCHE, TREVOR CHARLES, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2004-10-05
[86] 2003-04-10 (PCT/GB2003/001542)
[87] 2003-10-30 (WO2003/088943)
[30] GB (0208608.0) 2002-04-13

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[13] A1
[51] **Int.Cl. 7C07D 451/10 7A61P 11/06 7A61K 31/46**
[25] EN
[54] **MEDICAMENTS CONTAINING BETAMIMETIC DRUGS AND A NOVEL ANTICHOLINESTERASE DRUG**
[54] **MEDICAMENT CONTENANT DES BETAMIMETIQUES ET UN NOUVEL ANTICHOLINERGIQUE**
[72] MEISSNER, HELMUT, DE
[72] MORSCHHAEUSER, GERD, DE
[72] PAIRET, MICHEL, DE
[72] MEADE, CHRISTOPHER JOHN MONTAGUE, DE
[72] BANHOLZER, ROLF, DE
[72] SPECK, GEORG, DE
[72] POHL, GERALD, DE
[72] KONETZKI, INGO, DE
[72] REICHL, RICHARD, DE
[72] PIEPER, MICHAEL P., DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-10-05
[86] 2003-04-09 (PCT/EP2003/003669)
[87] 2003-10-23 (WO2003/087097)
[30] DE (102 16 428.2) 2002-04-12
[30] DE (102 56 317.9) 2002-12-03

[21] **2,481,470**
[13] A1
[51] **Int.Cl. 7D21F 3/00**
[25] EN
[54] **SHOE PRESS BELTS AND SHOE PRESS DEVICE USING THE BELTS**
[54] **COURROIES DE COMPRESSION DE CHAUSSURES ET DISPOSITIF A COMPRIMER LES CHAUSSURES UTILISANT CES COURROIES**
[72] HIKIDA, TAKAHISA, JP
[71] YAMAUCHI CORPORATION, JP
[85] 2004-10-05
[86] 2003-04-03 (PCT/JP2003/004300)
[87] 2003-10-16 (WO2003/085195)
[30] JP (2002-109545) 2002-04-11

[21] **2,481,472**
[13] A1
[51] **Int.Cl. 7D21F 3/00**
[25] EN
[54] **PRESS BELTS AND SHOE PRESS DEVICE USING THE BELTS**
[54] **COURROIES DE PRESSAGE ET DISPOSITIF DE PRESSAGE A SABOT UTILISANT CES COURROIES**
[72] HIKIDA, TAKAHISA, JP
[71] YAMAUCHI CORPORATION, JP
[85] 2004-10-05
[86] 2003-04-03 (PCT/JP2003/004302)
[87] 2003-10-16 (WO2003/085196)
[30] JP (2002-109544) 2002-04-11

[21] **2,481,475**
[13] A1
[51] **Int.Cl. 7C08K 3/22**
[25] EN
[54] **NOVEL BOEHMITE PARTICLES AND POLYMER MATERIALS INCORPORATING SAME**
[54] **NOUVELLES PARTICULES DE BOEHMITE ET MATERIAUX POLYMERES LES CONTENANT**
[72] MIRLEY, CHRISTOPHER L., US
[72] TANG, HUI, US
[72] BAUER, RALPH, CA
[71] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
[85] 2004-10-05
[86] 2003-04-16 (PCT/US2003/011941)
[87] 2003-10-30 (WO2003/089508)
[30] US (60/374,014) 2002-04-19

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[13] A1
[51] **Int.Cl. 7C08G 69/04 7C08F 299/02 7C08G 69/14 7C08G 69/48**
[25] EN
[54] **INHERENTLY CROSS-LINKABLE POLYAMIDES**
[54] **POLYAMIDES INTRINSEQUEMENT RETICULABLES**
[72] WINTERLING, HELMUT, DE
[72] DEININGER, JUERGEN, DE
[72] KREMPEL, KURT, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
[85] 2004-10-05
[86] 2003-04-14 (PCT/EP2003/003830)
[87] 2003-10-23 (WO2003/087193)
[30] DE (102 17 433.4) 2002-04-18

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[13] A1
[51] **Int.Cl. 7F28D 15/02 7F25D 11/00**
[25] EN
[54] **LOOP-TYPE THERMOSIPHON AND STIRLING REFRIGERATOR**
[54] **THERMOSIPHON DU TYPE A BOUCLE ET REFRIGERATEUR A CYCLE DE STIRLING**
[72] CHEN, WEI, JP
[72] MASUDA, MASAOKI, JP
[72] ZHANG, HENGLIANG, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2004-10-05
[86] 2003-04-07 (PCT/JP2003/004399)
[87] 2003-10-16 (WO2003/085345)
[30] JP (2002-104896) 2002-04-08

[21] **2,481,480**
[13] A1
[51] **Int.Cl. 7C07D 487/04 7C07D 257/00 7A61P 35/00 7A61K 31/519**
[25] EN
[54] **FARNESYL TRANSFERASE INHIBITING TRICYCLIC QUINAZOLINE DERIVATIVES SUBSTITUTED WITH CARBON-LINKED IMIDAZOLES OR TRIAZOLES**
[54] **DERIVES DE QUINAZOLINE TRICYLIQUE INHIBANT LA FARNESYL TRANSFERASE SUBSTITUES AVEC DES IMIDAZOLES OU DES TRIAZOLES A LIAISON CARBONE**
[72] ANGIBAUD, PATRICK RENE, FR
[72] ARGOULLON, JEAN MICHEL JACQUES RAYMOND, FR
[72] VENET, MARC GASTON, FR
[71] JANSSEN PHARMACEUTICA NAAMLOZE VENNOOTSCHAP, BE
[85] 2004-10-05
[86] 2003-04-14 (PCT/EP2003/003986)
[87] 2003-10-23 (WO2003/087101)
[30] EP (02076448.6) 2002-04-15

[21] **2,481,486**
[13] A1
[51] **Int.Cl. 7A61K 9/48 7A61K 9/52 7A61K 9/64**
[25] EN
[54] **MULTI-PHASE, MULTI-COMPARTMENT CAPSULAR SYSTEM**
[54] **SYSTEME CAPSULAIRE A PLUSIEURS COMPARTIMENTS ET PLUSIEURS PHASES**
[72] MILLER, FRED, H., US
[71] MILLER, FRED, H., US
[85] 2004-10-07
[86] 2003-04-09 (PCT/US2003/010816)
[87] 2003-10-23 (WO2003/086267)
[30] US (60/371,448) 2002-04-10
[30] US (10/369,427) 2003-02-18
[30] US (10/368,951) 2003-02-18
[30] US (10/369,244) 2003-02-18
[30] US (10/369,247) 2003-02-18

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[13] A1
[51] **Int.Cl. 7A61L 9/03 7A01M 1/20**
[25] EN
[54] **ELECTRICAL EVAPORATOR INCLUDING FAN AND LOUVER STRUCTURE**
[54] **EVAPORATEUR ELECTRIQUE COMPRENANT UN VENTILATEUR ET UNE STRUCTURE D'EVENT A LAMES**
[72] CAMPEDELLI, PAOLO, IT
[72] PEDROTTI, ANDREA, IT
[72] BALDESSARI, STEFANO, IT
[72] FRISANCO, ALESSANDRO, IT
[72] DEFLORIAN, STEFANO, IT
[72] MARCHETTI, FABIO, IT
[72] STENICO, FILIPPO, IT
[71] S. C. JOHNSON & SON, INC., US
[85] 2004-10-06
[86] 2003-04-04 (PCT/US2003/010358)
[87] 2003-10-23 (WO2003/086487)
[30] US (60/371,162) 2002-04-10
[30] US (10/267,417) 2002-10-09

[21] **2,481,488**
[13] A1
[51] **Int.Cl. 7A61L 27/04 7A61L 27/06 7A61L 27/30 7A61L 27/54**
[25] EN
[54] **MEDICAL PROSTHETIC DEVICES HAVING IMPROVED BIOCOMPATIBILITY**
[54] **DISPOSITIFS MEDICAUX PROTHETIQUES PRESENTANT UNE BIOCOMPATIBILITE AMELIOREE**
[72] LYGSTADAAS, STAAL PETTER, NO
[72] ELLINGSEN, JAN EIRIK, NO
[71] ASTRA TECH AB, SE
[85] 2004-10-06
[86] 2003-04-08 (PCT/SE2003/000575)
[87] 2003-10-23 (WO2003/086495)
[30] DK (2002 00515) 2002-04-09

[21] **2,481,489**
[13] A1
[51] **Int.Cl. 7A61K 38/57 7A61P 35/00 7A61P 43/00 7A61P 1/02 7A61P 31/04 7A61P 19/10 7A61P 31/12 7A61P 3/14**
[25] EN
[54] **CYSTEINE PROTEASE INHIBITOR**
[54] **INHIBITEUR DE LA CYSTEINE PROTEASE**
[72] KATUNUMA, NOBUHIKO, JP
[72] YAMADA, AKIO, JP
[72] KAWAGUCHI, YASUSHI, JP
[72] TAKAKURA, NATSUKO, JP
[71] MORINAGA MILK INDUSTRY CO., LTD., JP
[85] 2004-10-04
[86] 2003-11-10 (PCT/JP2003/014263)
[87] 2004-06-17 (WO2004/050118)
[30] JP (2002-347801) 2002-11-29
[30] JP (2003-147035) 2003-05-23

[21] **2,481,495**
[13] A1
[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **NEW METHOD**
[54] **NOUVEAU PROCEDE**
[72] OLSSON, CHARLOTTA, SE
[72] TOOKE, NIGEL, SE
[71] BIOTAGE, SE
[85] 2004-10-04
[86] 2003-04-04 (PCT/SE2003/000547)
[87] 2003-10-16 (WO2003/085135)
[30] SE (0201024-7) 2002-04-04
[30] US (60/369,599) 2002-04-04

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[21] **2,481,512**
[13] A1

[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **PEPTIDE INHIBITORS OF PROTEIN KINASE C.GAMMA. FOR PAIN MANAGEMENT**
[54] **INHIBITEURS PEPTIDIQUES DE LA PROTEINE KINASE C.GAMMA. POUR LA GESTION DE LA DOULEUR**
[72] KENDIG, JOAN J., US
[72] YEOMANS, DAVID C., US
[72] MOCHLY-ROSEN, DARIA, US
[72] SWEITZER, SARAH M., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2004-10-04
[86] 2003-04-22 (PCT/US2003/012542)
[87] 2003-10-30 (WO2003/089457)
[30] US (60/374,530) 2002-04-22

[21] **2,481,517**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **DETECTION OF MYCOBACTERIA IN CLINICAL MATERIAL**
[54] **DETECTION DE MYCOBACTERIES DANS DES MATERIAUX CLINIQUES**
[72] BOETTGER, ERIK CHRISTIAN, CH
[72] BANGE, FRANZ-CHRISTOPH, DE
[71] CYTONET GMBH & CO. KG, DE
[85] 2004-10-05
[86] 2003-04-04 (PCT/EP2003/003533)
[87] 2003-10-16 (WO2003/085129)
[30] DE (102 15 238.1) 2002-04-06

[21] **2,481,518**
[13] A1

[51] **Int.Cl. 7A61B 6/00 7G01N 21/00**
[25] EN
[54] **A SYSTEM AND METHOD FOR QUANTIFYING THE DYNAMIC RESPONSE OF A TARGET SYSTEM**
[54] **SYSTEME ET PROCEDE DE QUANTIFICATION DE LA REPOSE DYNAMIQUE D'UN SYSTEME CIBLE**
[72] BARBOUR, RANDALL L., US
[71] BARBOUR, RANDALL L., US
[85] 2004-10-05
[86] 2003-04-07 (PCT/US2003/010785)
[87] 2003-10-23 (WO2003/087767)
[30] US (60/370,305) 2002-04-06

[21] **2,481,519**
[13] A1

[51] **Int.Cl. 7A61M 1/36**
[25] EN
[54] **ELECTROCARDIOGRAPHIC ASPECTS OF CHF TREATMENT**
[54] **ASPECTS ELECTROCARDIOGRAPHIQUES DU TRAITEMENT DE L'INSUFFISANCE CARDIAQUE CONGESTIVE**
[72] TORRE-AMIONE, GUILLERMO, US
[72] SMITH, ELDON R., CA
[71] VASOGEN IRELAND LIMITED, IE
[85] 2004-10-06
[86] 2003-04-10 (PCT/CA2003/000538)
[87] 2003-10-23 (WO2003/086503)
[30] US (60/371,153) 2002-04-10

[21] **2,481,520**
[13] A1

[51] **Int.Cl. 7A61K 9/10 7A61K 9/72**
[25] EN
[54] **PROCESS FOR PREPARATION OF A STERILE SUSPENSION OF CORTICOSTEROID PARTICLES FOR THE ADMINISTRATION BY INHALATION**
[54] **PROCEDE DE PREPARATION D'UNE SUSPENSION STERILE DE PARTICULES DE CORTICOSTEROIDES, DESTINEE A ETRE ADMINISTREE PAR INHALATION**
[72] PIRROTTA, DANIELE, IT
[72] SAMBUCCO, BARBARA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2004-10-07
[86] 2003-04-15 (PCT/EP2003/003916)
[87] 2003-10-23 (WO2003/086347)
[30] IT (MI2002A000808) 2002-04-17

[21] **2,481,521**
[13] A1

[51] **Int.Cl. 7C12N 15/863 7C07K 14/07 7C07K 14/16 7C07K 14/18 7A61K 31/70**
[25] EN
[54] **INTERGENIC REGIONS AS INSERTION SITES IN THE GENOME OF MODIFIED VACCINIA VIRUS ANKARA (MVA)**
[54] **REGIONS INTERGENIQUES UTILISEES COMME SITES D'INSERTION DANS LE GENOME DU VIRUS DE LA VACCINE ANKARA MODIFIE (MVA)**
[72] HOWLEY, PAUL, AU
[72] LEYRER, SONJA, DE
[71] BAVARIAN NORDIC A/S, DK
[85] 2004-10-05
[86] 2003-05-14 (PCT/EP2003/005045)
[87] 2003-11-27 (WO2003/097845)
[30] DK (PA 2002 00752) 2002-05-16
[30] DK (PA 2002 00753) 2002-05-16

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[13] A1

[51] **Int.Cl. 7A61K 9/127 7A61F 13/00 7A01N 57/00 7A01N 65/00 7A61K 9/14**
[25] EN
[54] **METHOD OF INHIBITING RESTENOSIS**
[54] **PROCEDE D'INHIBITION DE LA RESTENOSE**
[72] GOLOMB, GERSHON, IL
[72] DANENBERG, HAIM D., US
[71] YISSUM RESEARCH AND DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERU SALEM, IL
[85] 2004-10-05
[86] 2003-04-16 (PCT/IB2003/001437)
[87] 2003-10-30 (WO2003/089568)
[30] US (10/126,248) 2002-04-19
[30] US (10/160,207) 2002-05-30

[21] **2,481,525**
[13] A1

[51] **Int.Cl. 7A43B 13/26 7A43B 5/00 7A43C 15/16**
[25] EN
[54] **STUDED FOOTWEAR**
[54] **ARTICLE CHAUSSANT A CRAMPONS**
[72] KELLY, PAUL ANDREW, GB
[71] TRISPORT LIMITED, GB
[85] 2004-10-08
[86] 2003-04-09 (PCT/GB2003/001515)
[87] 2003-10-23 (WO2003/086128)
[30] GB (0208144.6) 2002-04-09

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[21] **2,481,527**
[13] A1
[51] **Int.Cl. 7B01J 20/00**
[25] EN
[54] **DESULFURIZATION AND
SORBENTS FOR SAME**
[54] **DESULFURATION ET
ABSORBANTS ASSOCIES**
[72] BARES, JOSEPH E., US
[72] MORTON, ROBERT W., US
[72] MALANDRA, JAMES L., US
[72] GISLASON, JASON J., US
[72] REED, LARRY E., US
[72] DODWELL, GLENN W., US
[72] SUGHRUE, EDWARD L., US
[72] JOHNSON, MARVIN M., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2004-10-06
[86] 2002-12-03 (PCT/US2002/038405)
[87] 2003-10-23 (WO2003/086621)
[30] US (10/120,672 (CIP)) 2002-04-11

[21] **2,481,529**
[13] A1
[51] **Int.Cl. 7C10G 25/09 7C10G 29/04
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[25] EN
[54] **DESULFURIZATION SYSTEM
WITH ENHANCED FLUID/SOLIDS
CONTACTING**
[54] **SYSTEME DE DESULFURATION
PERMETTANT D'OBTENIR UN
MEILLEUR CONTACT ENTRE LES
FLUIDES ET LES SOLIDES**
[72] THOMPSON, MAX W., US
[72] HAUSLER, DOUGLAS W., US
[72] AVIDAN, AMOS A., US
[72] WELLS, JAN W., US
[72] MEIER, PAUL F., US
[72] SUGHRUE, EDWARD L., US
[71] CONOCOPHILLIPS COMPANY, US
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[87] 2003-10-23 (WO2003/086608)
[30] US (10/120,623 (CIP)) 2002-04-11

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[25] EN
[54] **STUDED FOOTWEAR**
[54] **ARTICLE CHAUSSANT A
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[72] KELLY, PAUL ANDREW, GB
[72] CLARK, STEPHEN KEITH, GB
[72] SHUTTLEWORTH, LEE PAUL, GB
[71] TRISPORT LIMITED, GB
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[30] GB (0208145.3) 2002-04-09

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[25] EN
[54] **IMIDAZOLE COMPOUNDS AS
ANTI-INFLAMMATORY AND
ANALGESIC AGENTS**
[54] **COMPOSES IMIDAZOLE
SERVANT D'AGENTS ANTI-
INFLAMMATOIRES ET
ANALGESIQUES**
[72] HIRANO, MISATO, JP
[72] IGUCHI, SATORU, JP
[72] YAMAGISHI, TATSUYA, JP
[72] NAKAO, KAZUNARI, JP
[71] PFIZER INC., US
[85] 2004-10-08
[86] 2003-04-02 (PCT/IB2003/001275)
[87] 2003-10-23 (WO2003/086390)
[30] US (60/372,346) 2002-04-12

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[13] A1
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[25] EN
[54] **USE OF EP4 RECEPTOR LIGANDS
IN THE TREATMENT OF IL-6
INVOLVED DISEASES**
[54] **UTILISATION DE LIGANDS DU
RECEPTEUR EP4 DANS LE
TRAITEMENT DE MALADIES
IMPLIQUANT IL-6**
[72] TANIGUCHI, KANA, JP
[72] SHIMOJO, MASATO, JP
[71] PFIZER INC., US
[85] 2004-10-08
[86] 2003-04-03 (PCT/IB2003/001310)
[87] 2003-10-23 (WO2003/086371)
[30] US (60/372,364) 2002-04-12

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[51] **Int.Cl. 7B01D 19/00 7C02F 1/20**
[25] EN
[54] **LIQUID DEGASSING SYSTEM FOR
POWER PLANT SYSTEM LAYUP**
[54] **SYSTEME DE DEGAZAGE DE
LIQUIDE MIS EN OEUVRE PENDANT
LA FERMETURE TEMPORAIRE DE
SYSTEMES DE CENTRALES
NUCLEAIRES**
[72] KANEDA, SOTARO, JP
[72] VARRIN, JR., ROBERT D., US
[71] DOMINION ENGINEERING, INC., US
[85] 2004-10-06
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[25] EN
[54] **ELECTRODEIONIZATION APPARATUS WITH RESILIENT ENDBLOCK**
[54] **APPAREIL D'ELECTRODEIONISATION PRESENTANT DES BLOCS TERMINAUX ELASTIQUES**
[72] LIANG, LI-SHIANG, US
[72] MONTMINY, EMILE O., US
[71] UNITED STATES FILTER CORPORATION, US
[85] 2004-10-06
[86] 2003-04-04 (PCT/US2003/011067)
[87] 2003-10-23 (WO2003/086590)
[30] US (10/121,133) 2002-04-11

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[25] EN
[54] **GAME FACILITY FOR REMOTE OPERATION SYSTEM**
[54] **INSTALLATION DE JEU POUR SYSTEME D'EXPLOITATION DISTANT**
[72] YAMAGUCHI, TAKASHI, JP
[71] KONAMI CORPORATION, JP
[85] 2004-10-05
[86] 2003-05-08 (PCT/JP2003/005788)
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[25] EN
[54] **IMMUNOASSAY PROBE**
[54] **SONDE D'IMMUNODOSAGE**
[72] SCHROEDER, HARTMUT RICHARD, US
[72] TROTTA, STEPHEN S., US
[72] ACHTER, EUGENE K., US
[71] INSTRUMENTATION LABORATORY COMPANY, US
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[86] 2003-04-10 (PCT/US2003/011157)
[87] 2003-10-23 (WO2003/086637)
[30] US (60/372,331) 2002-04-12

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[51] **Int.Cl. 7F02G 1/057 7F02G 5/02**
[25] EN
[54] **RECUPERATIVE HEATER FOR AN EXTERNAL COMBUSTION ENGINE**
[54] **RECHAUFFEUR A RECUPERATION POUR MOTEUR A COMBUSTION EXTERNE**
[72] CLUCAS, DONALD MURRAY, NZ
[71] WHISPER TECH LIMITED, NZ
[85] 2004-10-05
[86] 2003-02-26 (PCT/NZ2003/000037)
[87] 2003-09-04 (WO2003/072921)
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[25] EN
[54] **CYTOTOXICITY ASSAY**
[54] **ESSAI DE CYTOTOXICITE**
[72] MORAVEC, RICHARD A., US
[72] RISS, TERRY L., US
[71] PROMEGA CORPORATION, US
[85] 2004-10-06
[86] 2003-04-09 (PCT/US2003/010872)
[87] 2003-10-30 (WO2003/089635)
[30] US (10/124,029) 2002-04-17

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[13] A1

[51] **Int.Cl. 7G01P 13/02 7B64D 43/02 7G01P 5/14**
[25] EN
[54] **SENSOR FOR MEASURING WIND ANGLE**
[54] **DETECTEUR DE MESURE D'UN ANGLE AU VENT**
[72] ROUSE, GORDON F., US
[72] DUPUIS, PAUL B., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2004-10-08
[86] 2003-04-08 (PCT/US2003/010803)
[87] 2003-10-23 (WO2003/087847)
[30] US (10/120,034) 2002-04-10

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[51] **Int.Cl. 7E04C 3/30**
[25] EN
[54] **FIBER ARCHITECTURE FOR A COMPOSITE POLE**
[54] **ARCHITECTURE DE FIBRES POUR POTEAU COMPOSITE**
[72] LONERGAN, DANIEL J., US
[72] HAYES, DAVID C., US
[71] POWERTRUSION INTERNATIONAL, INC., US
[85] 2004-10-06
[86] 2003-04-21 (PCT/US2003/012167)
[87] 2003-10-30 (WO2003/089732)
[30] US (60/373,979) 2002-04-19
[30] US (10/418,703) 2003-04-18

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[13] A1

[51] **Int.Cl. 7G06F 15/16 7G06F 17/00**
[25] EN
[54] **METHOD AND APPARATUS FOR WAGERING ON A RANDOM CHANCE EVENT**
[54] **PROCEDE ET DISPOSITIF DE PARI SUR UN EVENEMENT ALEATOIRE**
[72] PIMIANTA, HUGO, US
[71] TECHNOLOGY INNOVATION LIMITED, GB
[85] 2004-10-05
[86] 2002-01-22 (PCT/US2002/001728)
[87] 2002-07-25 (WO2002/056981)
[30] US (60/263,396) 2001-01-22

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[13] A1
[51] **Int.Cl. 7B27K 3/36**
[25] FR
[54] **PROCEDE DE TRAITEMENT DE MATIERES LIGNOCELLULOSIQUES, NOTAMMENT DU BOIS AINSI QU'UN MATERIAU OBTENU PAR CE PROCEDE**
[54] **METHOD FOR TREATING LIGNOCELLULOSIC MATERIALS, IN PARTICULAR WOOD AND MATERIAL OBTAINED BY SAID METHOD**
[72] VACA-GARCIA, CARLOS, FR
[72] MAGNE, MICHEL, FR
[72] MORARD, MARIE, FR
[72] THIEBAUD-ROUX, SOPHIE, FR
[72] PEYDECASTAING, JEROME, FR
[72] GASET, ANTOINE, FR
[72] DUPIRE, MAXIME, FR
[72] BORREDON, ELISABETH, FR
[72] EL KASMI, SILHAM, FR
[71] LAPEYRE, FR
[85] 2004-10-06
[86] 2003-04-09 (PCT/FR2003/001110)
[87] 2003-10-16 (WO2003/084723)
[30] FR (02/04448) 2002-04-10

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[51] **Int.Cl. 7B26D 3/00 7B26D 5/00**
[25] EN
[54] **IMPROVED METHOD AND APPARATUS FOR PRECISION CUTTING OF GRAPHICS AREAS FORM SHEETS**
[54] **PROCEDE ET APPAREIL AMELIORES DE DECOUPAGE PRECIS DE SURFACES GRAPHIQUES DANS DES FEUILLES**
[72] ALSTEN, PETER, US
[72] MIKKELSEN, STEEN, US
[72] ANDERSEN, GEO, DK
[72] JANSSON, DAVID G., US
[71] MIKKELSEN GRAPHIC ENGINEERING, INC., US
[85] 2004-10-05
[86] 2002-04-05 (PCT/US2002/010934)
[87] 2002-10-17 (WO2002/081158)
[30] US (09/827,000) 2001-04-05
[30] US (09/951,167) 2001-09-13
[30] US (10/087,626) 2002-03-01

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[51] **Int.Cl. 7C07D 487/04 7A61P 35/00 7A61P 33/02 7C07D 491/048 7A61P 33/08 7A61P 31/10 7A61K 31/519**
[25] EN
[54] **ANTI-ANGIOGENIC AND CYTOTOXIC FUSED PYRIMIDINES**
[54] **COMPOSES ANTI-ANGIOGENIQUES ET CYTOTOXIQUES A EFFETS MULTIPLES ET LEURS PROCEDES D'UTILISATION**
[72] GANGJEE, ALEEM, US
[71] DUQUESNE UNIVERSITY OF THE HOLY GHOST, US
[85] 2004-10-05
[86] 2002-10-16 (PCT/US2002/032963)
[87] 2003-04-24 (WO2003/032911)
[30] US (09/982,351) 2001-10-18

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[13] A1
[51] **Int.Cl. 7C07J 43/00 7C07J 41/00 7A61P 35/00 7A61K 31/575**
[25] FR
[54] **COMPOSES AMINOALKYLSTEROLES AVEC ACTIVITE ANTI-TUMEUR ET NEUROPROTECTIVE**
[54] **AMINOALKYL STEROL COMPOUNDS HAVING AN ANTI-TUMORAL AND NEUROPROTECTIVE ACTIVITY**
[72] POIROT, SANDRINE, FR
[72] DE MEDINA, PHILIPPE, FR
[72] POIROT, MARC, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2004-10-06
[86] 2003-04-18 (PCT/FR2003/001248)
[87] 2003-10-30 (WO2003/089449)
[30] FR (02/04912) 2002-04-19

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[13] A1
[51] **Int.Cl. 7G07C 1/10 7G01V 15/00 7G07C 1/22 7G06F 17/30 7G06F 17/40**
[25] EN
[54] **A SYSTEM FOR AND METHOD FOR AUTHENTICATING ITEMS**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'ARTICLES**
[72] SHAW, GRANT LANGLEY HOHEPA, AU
[71] SHAW IP PTY LTD., AU
[85] 2004-10-06
[86] 2003-04-09 (PCT/AU2003/000419)
[87] 2003-10-23 (WO2003/088155)
[30] AU (PS 1662) 2002-04-10

[21] **2,481,563**
[13] A1
[51] **Int.Cl. 7B01J 19/08**
[25] EN
[54] **PROCESS FOR PREPARING NANOSTRUCTURED MATERIALS OF CONTROLLED SURFACE CHEMISTRY**
[54] **PROCEDE DE PREPARATION DE MATERIAUX NANOSTRUCTURES A CHIMIE DE SURFACE MAITRISEE**
[72] SARKAS, HARRY W., US
[72] PIEPENBRINK, JONATHAN, US
[71] NANOPHASE TECHNOLOGIES CORPORATION, US
[85] 2004-10-05
[86] 2003-02-28 (PCT/US2003/006175)
[87] 2003-12-24 (WO2003/106016)
[30] US (10/172,848) 2002-06-17

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[13] A1
[51] **Int.Cl. 7A61L 2/00 7A62B 23/00 7A62D 9/00 7A62B 18/02 7A61L 2/18 7A61L 2/26**
[25] EN
[54] **METHOD AND DEVICE FOR INACTIVATING VIRUSES**
[54] **PROCEDE ET DISPOSITIF POUR INACTIVER DES VIRUS**
[72] GABBAY, JEFFREY, IL
[71] THE CUPRON CORPORATION, US
[85] 2004-10-13
[86] 2003-03-17 (PCT/IL2003/000230)
[87] 2003-10-23 (WO2003/086478)
[30] IL (149,206) 2002-04-18
[30] US (10/133,691) 2002-04-24
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[51] **Int.Cl. 7F25B 15/04 7F25B 41/06**
[25] EN
[54] **APPARATUS AND METHOD FOR IMPROVED PERFORMANCE OF AQUA-AMMONIA ABSORPTION CYCLES**
[54] **APPAREIL ET PROCEDE POUR UN RENDEMENT AMELIORE DE CYCLES D'ABSORPTION D'EAU AMMONIACALE**
[72] SARKISIAN, PAUL, US
[72] KIROL, LANCE, US
[72] ROCKENFELLER, UWE, US
[71] ROCKY RESEARCH, US
[85] 2004-10-06
[86] 2003-04-04 (PCT/US2003/010793)
[87] 2003-10-30 (WO2003/089849)
[30] US (10/125,297) 2002-04-16

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[13] A1
[51] **Int.Cl. 7G06F 1/32 7G06F 9/45 7G06F 15/78**
[25] EN
[54] **POWER CONTROL OF A PROCESSOR USING HARDWARE STRUCTURES CONTROLLED BY A COMPILER WITH AN ACCUMULATED INSTRUCTION PROFILE**
[54] **COMMANDE DE PUISSANCE D'UN PROCESSEUR UTILISANT DES STRUCTURES MATERIELLES COMMANDEES PAR UN COMPILATEUR A PROFIL D'INSTRUCTIONS ACCUMULEES**
[72] ALTMAN, ERIK R., US
[72] MOUDGILL, MAYAN, US
[72] GLOSSNER, CLAIR JOHN, III, US
[72] MELTZER, DAVID, US
[72] HOKENEK, ERDEM, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-10-06
[86] 2002-04-19 (PCT/US2002/012086)
[87] 2003-10-30 (WO2003/090055)

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[13] A1
[51] **Int.Cl. 7H04L 9/00 7G06F 12/14**
[25] EN
[54] **INITIALIZING, MAINTAINING, UPDATING AND RECOVERING SECURE OPERATION WITHIN AN INTEGRATED SYSTEM EMPLOYING A DATA ACCESS CONTROL FUNCTION**
[54] **OPERATION SECURISEE D'INITIALISATION, DE MAINTIEN, DE MISE A JOUR ET DE RECUPERATION DANS UN SYSTEME INTEGRE UTILISANT UNE FONCTION DE CONTROLE D'ACCES AUX DONNEES**
[72] ROSU, MARCEL-CATALIN, US
[72] HALL, WILLIAM E., US
[72] FOSTER, ERIC M., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-10-06
[86] 2003-04-16 (PCT/US2003/011907)
[87] 2003-10-30 (WO2003/090402)
[30] US (10/125,803) 2002-04-18

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[51] **Int.Cl. 7C03C 27/06 7C04B 37/00**
[25] EN
[54] **DIRECT BONDING METHODS USING LITHIUM**
[54] **PROCEDES DE LIAISON DIRECTE A L'AIDE DE LITHIUM**
[72] SMITH, DENNIS WAYNE, US
[72] SABIA, ROBERT, US
[72] MANN, LARRY GEORGE, US
[71] CORNING INCORPORATED, US
[85] 2004-10-06
[86] 2003-03-24 (PCT/US2003/009149)
[87] 2003-10-23 (WO2003/087006)
[30] US (10/118,780) 2002-04-08

[21] **2,481,573**
[13] A1
[51] **Int.Cl. 7A47J 31/44 7A47J 31/46**
[25] EN
[54] **MACHINE FOR PREPARING BEVERAGES**
[54] **MACHINE POUR PREPARER DES BOISSONS**
[72] MAJER DOGLIONI, LUCA, IT
[71] TUTTOESPRESSO S.P.A., IT
[85] 2004-10-13
[86] 2002-04-18 (PCT/IT2002/000249)
[87] 2003-10-23 (WO2003/086157)

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[13] A1
[51] **Int.Cl. 7G07C 15/00 7A63F 3/06 7A63F 3/08 7B42D 15/10 7G09F 23/10**
[25] EN
[54] **A METHOD OF ENCOURAGING REPEAT TICKET PURCHASE AND A TICKET**
[54] **PROCEDE PERMETTANT D'ENCOURAGER L'ACHAT REPETE DE BILLETS ET BILLET**
[72] SHAW, GRANT LANGLEY HOHEPA, AU
[71] SHAW IP PTY LTD., AU
[85] 2004-10-06
[86] 2003-04-09 (PCT/AU2003/000420)
[87] 2003-10-23 (WO2003/088159)
[30] AU (PS 1661) 2002-04-10

[21] **2,481,575**
[13] A1
[51] **Int.Cl. 7C08J 5/18 7B32B 27/22**
[25] EN
[54] **LIQUID IMPERMEABLE, MOISTURE VAPOUR PERMEABLE LAYERS AND FILMS COMPRISING THERMOPLASTIC HYDROPHILIC POLYMERIC COMPOSITIONS AND HAVING IMPROVED STRENGTH**
[54] **COUCHES IMPERMEABLES AUX LIQUIDES MAIS PERMEABLES A LA VAPEUR D'EAU, ET FILMS COMPRENANT DES COMPOSITIONS POLYMERES HYDROPHILES THERMOPLASTIQUE ET PRESENTANT UNE RESISTANCE ACCRUE**
[72] MACBEATH, CALUM, IT
[72] CORZANI, ITALO, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-10-06
[86] 2003-03-20 (PCT/US2003/008422)
[87] 2003-10-23 (WO2003/087201)
[30] EP (02008366.3) 2002-04-12

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[25] EN
[54] **CLEAN POWER POWERBUS VARIABLE FREQUENCY DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT A FREQUENCE VARIABLE ET A BUS DE PUISSANCE COMMUN PROPRE**
[72] BRETZIUS, JONATHAN, US
[71] ABB INC., US
[85] 2004-10-05
[86] 2003-03-06 (PCT/US2003/006944)
[87] 2003-09-18 (WO2003/077412)
[30] US (10/094,374) 2002-03-08

[21] **2,481,577**
[13] A1

[51] **Int.Cl. 7G06F 12/14**
[25] EN
[54] **AN INFORMATION STORAGE SYSTEM**
[54] **SYSTEME DE MEMORISATION D'INFORMATION**
[72] TUNE, ANDREW DOMINIC, AU
[71] TUNE, ANDREW DOMINIC, AU
[85] 2004-10-08
[86] 2003-04-11 (PCT/AU2003/000433)
[87] 2003-10-23 (WO2003/088052)
[30] AU (PS 1690) 2002-04-11

[21] **2,481,578**
[13] A1

[51] **Int.Cl. 7H04M 11/00**
[25] EN
[54] **REAL-TIME TIERED RATING OF COMMUNICATION SERVICES**
[54] **PROCEDE ET SYSTEME DE TARIFICATION PROGRESSIVE EN TEMPS REEL DE SERVICES DE COMMUNICATION**
[72] MCCONNELL, VON, US
[72] MONEY, JESSE E., US
[71] SPRINT SPECTRUM, L.P., US
[85] 2004-10-05
[86] 2003-03-10 (PCT/US2003/007130)
[87] 2003-12-04 (WO2003/100578)
[30] US (10/119,508) 2002-04-10

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[13] A1

[51] **Int.Cl. 7H04M 11/04**
[25] EN
[54] **HIGH CURRENT INDUCTIVE COUPLER AND CURRENT TRANSFORMER FOR POWER LINES**
[54] **COUPLEUR INDUCTIF A COURANT ELEVE ET TRANSFORMATEUR DE COURANT POUR LIGNES ELECTRIQUES**
[72] CERN, YEHUDA, US
[71] AMBIENT CORPORATION, US
[85] 2004-10-05
[86] 2003-04-29 (PCT/US2003/013158)
[87] 2003-11-13 (WO2003/094364)
[30] US (60/376,377) 2002-04-29
[30] US (60/416,603) 2002-10-07

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[13] A1

[51] **Int.Cl. 7G11C 11/18 7G11C 11/00 7G11C 7/02 7G11C 7/04 7G11C 11/15**
[25] EN
[54] **MEMORY STORAGE DEVICE WITH HEATING ELEMENT**
[54] **DISPOSITIF DE STOCKAGE MEMOIRE AVEC ELEMENT DE CHAUFFAGE**
[72] TROUILLOUD, PHILIP LOUIS, US
[72] ABRAHAM, DAVID WILLIAM, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-10-06
[86] 2002-11-15 (PCT/US2002/036816)
[87] 2003-11-06 (WO2003/092014)
[30] US (10/128,838) 2002-04-23

[21] **2,481,585**
[13] A1

[51] **Int.Cl. 7A61H 5/00**
[25] EN
[54] **DEVICE AND METHOD FOR EXERCISING EYES**
[54] **DISPOSITIF ET PROCEDE POUR EXERCER LES YEUX**
[72] LIBERMAN, JACOB, US
[71] EXERCISE YOUR EYES, LLC, US
[85] 2004-10-06
[86] 2003-04-11 (PCT/US2003/011106)
[87] 2003-10-30 (WO2003/088827)
[30] US (10/123,594) 2002-04-16
[30] US (10/345,757) 2003-01-16

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[13] A1

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[72] AIZAWA, SHIGERU, JP
[72] MATSUNAGA, NORIAKI, JP
[72] KIMURA, KATSUNORI, JP
[72] TAKEMOTO, NAOKI, JP
[71] MEIJI DAIRIES CORPORATION, JP
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[72] HATCHER, JEFFREY A., US
[71] LORD CORPORATION, US
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[54] **DERIVES DE L'ACIDE ASCORBIQUE STABILISES**
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[72] NISHIMURA, NORIHITO, JP
[72] ISHII, HIROSHI, JP
[71] SHOWA DENKO K.K., JP
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[72] TAKANO, NIICHIRO, JP
[72] KAWASHIMA, HIROYUKI, JP
[72] SHINODA, YASUO, JP
[72] INAGI, TOSHIO, JP
[71] KOWA CO., LTD., JP
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[54] **A TILLER, BOW AND TRIGGER MECHANISM FOR A CROSSBOW, AND A CROSSBOW**
[54] **DISPOSITIF DE CAMBRURE, ARC ET MECANISME DE DECLENCHEMENT POUR ARBALETE, ET ARBALETE ASSOCIEE**
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[54] **PHARMACEUTICAL COMPOSITION COMPRISING ARSENITE FOR THE TREATMENT OF MALIGNANCY**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DE L'ARSENITE ET DESTINEE AU TRAITEMENT DE MALIGNITES**
[72] YANG, YONG JIN, KR
[72] LEE, SANG BONG, KR
[71] KOREA MICROBIOLOGICAL LABORATORIES, LTD., KR
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[54] **PROCEDE ET COMPOSITION D'AMELIORATION DE LA FERTILITE CHEZ DES HUMAINS ET DES ANIMAUX MALES ET FEMELLES**
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[71] THE DAILY WELLNESS COMPANY, US
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[54] **COMPUTERIZED TRADING SYSTEM AND METHOD USEFUL THEREFOR**
[54] **SYSTEME DE TRANSACTIONS COMMERCIALES INFORMATISE ET PROCEDE UTILISE A CET EFFET**
[72] ARAZI, MATAN, US
[72] SETTON, GUY, GB
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[54] **ENSEMBLE PRISE TOURNANTE AVEC SORTIE SUPPLEMENTAIRE**
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[72] CAMPEDELLI, PAOLO, IT
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[54] **METHOD AND SYSTEM FOR OBTAINING POSITIONING DATA**
[54] **PROCEDE ET SYSTEME POUR OBTENIR DES DONNEES DE POSITIONNEMENT**
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[72] ELIASHIV, ODED, IL
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[54] **ONE-DIMENSIONAL MODELING OF THE MANUFACTURE OF MULTI-LAYERED MATERIAL**
[54] **MODELAGE UNI-DIMENSIONNEL POUR FABRICATION DE MATERIAUX MULTICOUCHES**
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[72] BAY, RANDY S., US
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[54] **METHOD AND SYSTEM FOR RECORDING DATA MONITORED DURING THE MANUFACTURE OF MOLDED OPHTHALMIC LENSES**
[54] **PROCEDE ET SYSTEME PERMETTANT L'ENREGISTREMENT DE DONNEES DE CONTROLE RELEVES PENDANT LA FABRICATION DE VERRES OPHTALMIQUES MOULES**
[72] WALKER, LAMAR, US
[72] WANG, DANIEL, US
[72] SANKA, RAVI, US
[72] CANDIDO, WASHINGTON, US
[72] LEPPER, JOHN, US
[72] JONES, J. MARK, US
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[54] **MODIFICATION DE LA METHODE DE DIFFERENCE NORMALISEE POUR UNE TOMOGRAPHIE OPTIQUE EN TEMPS REEL**
[72] PEI, YALING, US
[72] BARBOUR, RANDALL L., US
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[54] **PROCESSING A PACKET USING MULTIPLE PIPELINED PROCESSING MODULES**
[54] **TRAITEMENT DE PAQUET AU MOYEN DE MODULES DE TRAITEMENT PIPELINES MULTIPLES**
[72] WINKELSTEIN, DAN, US
[72] BLAKER, DAVID, US
[72] SAVARDA, RAYMOND, US
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[54] **SYSTEMES ET PROCEDES DE RETOUR AUTORISE INTELLIGENTS**
[72] SMITH, WILLIAM LOYD, JR., US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **DESIGN BUILD TEST CYCLE REDUCTION**
[54] **REDUCTION DE CYCLE DE CONCEPTION/CONSTRUCTION ET D'ESSAI**
[72] WILDSMITH, CHRISTOPHER, US
[72] LUST, VICTOR, US
[72] PEREZ, JOSE L., US
[72] DAMODHARAN, RADHAKRISHNAN, US
[72] DANIEL, JASON, US
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[72] ROY, JEFFREY M., US
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[54] **AIR AND WATER CONVEYOR/COOLER FOR HOT LOOSE MATERIALS**
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[72] MAGALDI, MARIO, IT
[71] MAGALDI RICERCH E. BREVETTI S.R.L., IT
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[54] **APPARATUS AND METHOD FOR MEASURING CHROMATIC DISPERSION BY VARIABLE WAVELENGTH**
[54] **APPAREIL ET PROCEDE DE MESURE DE DISPERSION CHROMATIQUE PAR LONGUEUR D'ONDE VARIABLE**
[72] SCHIANO, MARCO, IT
[71] TELECOM ITALIA S.P.A., IT
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[25] EN
[54] **CELL WITH DEPRESSION OR**
DELETION OF THE ACTIVITY OF
PROTEIN PARTICIPATING IN GDP-
FUCOSE TRANSPORT
[54] **CELLULE AVEC INHIBITION OU**
SUPPRESSION DE L'ACTIVITE DE LA
PROTEINE PARTICIPANT AU
TRANSPORT DU GDP-FUCOSE
[72] MORI, KATSUHIRO, JP
[72] KANDA, YUTAKA, JP
[72] SATOH, MITSUO, JP
[71] KYOWA HAKKO KOGYO CO. LTD.,
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[25] EN
[54] **METHOD OF ENHANCING**
ACTIVITY OF ANTIBODY
COMPOSITION OF BINDING TO
FC.GAMMA. RECEPTOR IIIA
[54] **PROCEDE D'AMELIORATION DE**
L'ACTIVITE D'UNE COMPOSITION
D'ANTICORPS DE LIAISON AVEC LE
RECEPTEUR FC γ G(G) IIIA
[72] NAKAMURA, KAZUYASU, JP
[72] SHITARA, KENYA, JP
[71] KYOWA HAKKO KOGYO CO. LTD.,
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[25] EN
[54] **SYSTEM AND METHOD FOR**
CREATING INTERACTIVE CONTENT
AT MULTIPLE POINTS IN THE
TELEVISION PRODUCTION PROCESS
[54] **SYSTEME ET PROCEDE DE**
CREATION D'UN CONTENU
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PLUSIEURS POINTS DANS UN
PROCESSUS DE PRODUCTION
TELEVISUELLE
[72] NEUMANN, DOUGLAS T., US
[72] GORDER, JEFF, US
[72] BROWN, KATHARINE, US
[72] FRAANJE, IZET, US
[72] NEWNAM, SCOTT, US
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[51] **Int.Cl. 7A61K 35/78 7A23L 2/00**
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[54] **COMPLEMENT NUTRITIONNEL**
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MATING CONNECTOR, AND SHIELD
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[54] **CONNECTEUR DESTINE ETRE**
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[71] FCI AMERICA'S TECHNOLOGY,
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[54] **BALLE MOLLE MULTICOUCHE**
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[72] LALIBERTY, RONALD P., US
[72] FURLONG, JOHN F., US
[71] SGG PATENTS LLC, US
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[54] **AUTOMATIC POINT SOURCE**
BIOLOGICAL AGENT DETECTION
SYSTEM
[54] **SYSTEME DE DETECTION**
D'AGENTS BIOLOGIQUES A SOURCE
PONCTUELLE AUTOMATIQUE
[72] SCHMIDT, JOHN C., US
[72] TILLES, DAVID J., US
[72] DIFURIO, GABRIEL A., US
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[54] **DISPOSITIF DE TEST A DISQUE**
[72] GALLOWAY, R. KEITH, US
[72] BACHAND, STEVEN S., US
[71] VARIAN, INC., US
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[54] **SUSTAINED RELEASE PHARMACEUTICAL PREPARATIONS AND METHODS FOR PRODUCING THE SAME**
[54] **PREPARATIONS PHARMACEUTIQUES A LIBERATION SOUTENUE ET PROCEDES DE PRODUCTION DE CES PREPARATIONS**
[72] KUMBHANI, DAVEJIBHAI, US
[72] PATEL, HIREN, US
[72] PANDYA, HARISH B., US
[71] PLIVA, INC., US
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[13] A1

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[54] **PREPARATION AND USE OF A STABLE FORMULATION OF ALLOSTERIC EFFECTOR COMPOUNDS**
[54] **ELABORATION ET UTILISATION D'UNE FORMULATION STABLE DE COMPOSES AUX EFFETS ALLOSTERIQUES**
[72] JOHNSON, DOUGLAS GILES, US
[72] KIPP, JAMES E., US
[72] DOTY, MARK, US
[71] ALLOS THERAPEUTICS, INC., US
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[87] 2003-10-23 (WO2003/086324)
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[13] A1

[51] **Int.Cl. 7A61K 7/16**
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[54] **ORAL TREATMENT PRODUCTS, KITS AND METHODS**
[54] **PRODUITS DE TRAITEMENT BUCCAL MONODOSES, TROUSSES ET METHODES ASSOCIEES**
[72] MONEUZE, GAEELLE, GB
[72] CASHMAN, STUART REGINALD, GB
[72] YE, HAI, CN
[72] MORTON, JENNIFER CLAIRE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
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[54] **INSTALLATION DE CABLE**
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[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-10-06
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[54] **DOCUMENT DE SECURITE AVEC MARQUEUR**
[54] **SECURITY DOCUMENT WITH MARKER**
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[85] 2004-10-01
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[54] **PROCESS FOR PREPARING A FINELY SELF-EMULSIFIABLE PHARMACEUTICAL COMPOSITION**
[54] **PROCEDE POUR PREPARER UNE COMPOSITION PHARMACEUTIQUE FINEMENT AUTO-EMULSIFIABLE**
[72] BOLYARD, KEITH, B., US
[72] HE, XIOARONG, US
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[71] PHARMACIA CORPORATION, US
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[87] 2003-10-23 (WO2003/086392)
[30] US (60/371,200) 2002-04-09

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[13] A1

[51] **Int.Cl. 7H04B 10/17**
[25] EN
[54] **OPTICAL COMMUNICATION SYSTEMS INCLUDING OPTICAL AMPLIFIERS AND AMPLIFICATION METHODS**
[54] **SYSTEMES DE COMMUNICATION OPTIQUE COMPRENANT DES AMPLIFICATEURS OPTIQUES ET PROCEDES D'AMPLIFICATION**
[72] STEPHENS, THOMAS D., US
[71] CORVIS CORPORATION, US
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[30] US (60/371,994) 2002-04-12

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[25] EN
[54] **DYNAMIC RECONFIGURATION OF ENCRYPTION UPON DETECTION OF INTRUSION**
[54] **RECONFIGURATION DYNAMIQUE DE CHIFFREMENT SUITE A LA DETECTION D'UNE INTRUSION**
[72] SHIEH, JOHNNY MENG-HAN, US
[72] TESAURO, JAMES STANLEY, US
[72] MULLEN, SHAWN PATRICK, US
[72] MCBREARTY, GERALD FRANCIS, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[87] 2003-11-06 (WO2003/092242)
[30] US (10/132,130) 2002-04-25

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[51] **Int.Cl. 7A61K 31/395 7A61K 9/107**
[25] EN
[54] **ANSAMYCIN FORMULATIONS AND METHODS FOR PRODUCING AND USING SAME**
[54] **FORMULATIONS D'ANSAMYCINE ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CELLES-CI**
[72] BOEHM, MARCUS, US
[72] CHEN, ANDREW, US
[72] ULM, EDGAR, US
[71] CONFORMA THERAPEUTICS CORPORATION, US
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[87] 2003-10-23 (WO2003/086381)
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[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMICALLY ALTERING CONNECTIONS IN A DATA PROCESSING NETWORK**
[54] **SYSTEME ET PROCEDE DE MODIFICATION DYNAMIQUE DES CONNEXIONS DANS UN RESEAU DE TRAITEMENT DE DONNEES**
[72] FERNANDES, LILIAN SYLVIA, US
[72] BROWN, DEANNA LYNN QUIGG, US
[72] VALLABHANANI, VASU, US
[72] JAIN, VINIT, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[87] 2003-11-06 (WO2003/092220)
[30] US (10/132,404) 2002-04-25

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[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **MANAGING MULTIPLE VIRTUAL MACHINES**
[54] **GESTION DE MACHINES VIRTUELLES MULTIPLES**
[72] O'NEILL, DAVID M., CA
[72] OLBERT, ARTHUR E., US
[72] DEVRIES, DAVID ALEXANDER, CA
[72] NEUFELD, CHRISTOPHER, CA
[71] LINUXCARE, INC., US
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[86] 2003-04-10 (PCT/US2003/011380)
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[30] US (60/372,256) 2002-04-11

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[51] **Int.Cl. 7A61B 5/05**
[25] EN
[54] **METHOD FOR TAGGING COLONIC RESIDUE**
[54] **SYSTEME, FORMULATION, ENSEMBLE ET PROCEDE DESTINES A MARQUER DES RESIDUS DU COLON CHEZ UN INDIVIDU**
[72] WILLIAMS, ARCHIE, US
[72] LEFERE, PHILIPPE, BE
[71] E-Z-EM, INC., US
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[87] 2003-10-23 (WO2003/086172)
[30] US (60/370,661) 2002-04-06

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[51] **Int.Cl. 7E03C 1/244**
[25] EN
[54] **METHOD AND APPARATUS FOR SEALING A BATHTUB OVERFLOW PORT FOR TESTING PURPOSES**
[54] **PROCEDE ET APPAREIL POUR L'ETANCHEIFICATION DE L'ORIFICE DE TROP-PLEIN D'UNE BAIGNOIRE A DES FINS D'ESSAI**
[72] BALL, WILLIAM T., US
[71] WCM INDUSTRIES, INC., US
[85] 2004-10-06
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[13] A1
[51] **Int.Cl. 7B63C 3/12**
[25] EN
[54] **CONVERTIBLE WHEELCHAIR AND SEPARATE LIFT MODULE FOR CONNECTING TO AND ELEVATING THE WHEELCHAIR**
[54] **FAUTEUIL ROULANT CONVERTIBLE ET MODULE DE LEVAGE SEPRE DESTINE A ETRE COUPLE AU FAUTEUIL ROULANT ET A ELEVER CE DERNIER**
[72] MARTIN, WILLIS, US
[71] MARTIN, WILLIS, US
[85] 2004-10-08
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[51] **Int.Cl. 7A61F 13/15**
[25] EN
[54] **ABSORBENT CORES WITH IMPROVED INTAKE PERFORMANCE**
[54] **NOYAUX ABSORBANTS PRESENTANT DES PROPRIETES D'ABSORPTION AMELIOREES**
[72] RANGACHARI, KRISHNAKUMAR, US
[72] DUCKER, PAUL M., US
[71] RAYONIER PRODUCTS AND FINANCIAL SERVICES COMPANY, US
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[30] US (60/372,743) 2002-04-12

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[25] EN
[54] **STEERING ARRANGEMENT FOR A SHIP PROPELLED BY WATERJET**
[54] **SYSTEME DE DIRECTION POUR BATEAU A PROPULSION PAR JET D'EAU**
[72] KARLSSON, SVEN-GUNNAR, SE
[71] ROLLS-ROYCE AB, SE
[85] 2004-10-06
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[87] 2003-11-13 (WO2003/093104)
[30] SE (0201293-8) 2002-04-30

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[13] A1

[51] **Int.Cl. 7A23D 9/00 7A23D 7/00 7C11C 3/10**
[25] EN
[54] **TRIGLYCERIDE FAT**
[54] **GRAISSE DE TRIGLYCERIDES**
[72] FLOETER, ECKHARD, NL
[71] UNILEVER PLC, GB
[85] 2004-10-06
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[87] 2003-10-16 (WO2003/084337)
[30] EP (02076376.9) 2002-04-09

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[13] A1

[51] **Int.Cl. 7C07D 413/04 7A61P 3/00 7A61P 25/00 7C07D 413/14 7C07D 417/14 7A61K 31/536**
[25] EN
[54] **BENZOXAZINONE-DERIVED COMPOUNDS, THEIR PREPARATION AND USE AS MEDICAMENTS**
[54] **COMPOSES DERIVES DE BENZOXAZINONE, LEUR PREPARATION ET UTILISATION COMME MEDICAMENTS**
[72] DORDAL ZUERAS, ALBERTO, ES
[72] MAS PRIO, JOSEP, ES
[72] FRIGOLA CONSTANSA, JORDI, ES
[72] AURELIO CASTRILLO PEREZ, JOSE, ES
[72] ANGELES FISAS ESCASANY, MARIA, ES
[72] TORRENS JOVER, ANTONI, ES
[71] LABORATORIOS DEL DR. ESTEVE S.A., ES
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[30] ES (P 200200813) 2002-04-09

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[13] A1

[51] **Int.Cl. 7A61K 31/27 7A61K 31/19 7A61K 31/56 7A61K 31/70 7A61K 31/715**
[25] EN
[54] **UREA COMPOSITIONS**
[54] **COMPOSITIONS D'UREE**
[72] VAN SCOTT, EUGENE J., US
[72] YU, RUEY J., US
[71] VAN SCOTT, EUGENE J., US
[71] YU, RUEY J., US
[85] 2004-10-07
[86] 2003-04-09 (PCT/US2003/010823)
[87] 2003-10-23 (WO2003/086291)
[30] US (60/371,157) 2002-04-10

[21] **2,481,703**
[13] A1

[51] **Int.Cl. 7C07D 451/14**
[25] EN
[54] **PROCESS FOR PREPARING A PHARMACEUTICALLY ACTIVE COMPOUND (GRANISETRON)**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE PHARMACEUTIQUEMENT ACTIF (GRANISETRON)**
[72] PUIG TORRES, SALVADOR, ES
[72] DALMASES BARJOAN, PERE, ES
[71] LABORATORIOS VITA, S.A., ES
[85] 2004-10-06
[86] 2003-03-21 (PCT/IB2003/001058)
[87] 2003-10-02 (WO2003/080606)
[30] ES (P200200713) 2002-03-26

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[13] A1

[51] **Int.Cl. 7C07C 403/24 7C12P 23/00 7A61K 7/025 7A23L 1/30**
[25] EN
[54] **ASTAXANTHIN MEDIUM-CHAIN FATTY ACID ESTER, PROCESS FOR PRODUCING THE SAME AND COMPOSITION CONTAINING THE ESTER**
[54] **ESTERS D'ACIDES GRAS A CHAINE MOYENNE ASTAXANTHINE, LEUR PROCEDE DE PRODUCTION ET COMPOSITIONS RENFERMANT CES ESTERS**
[72] NAKAO, MASAHIRO, JP
[72] SUMIDA, MOTOO, JP
[72] NAMIKAWA, KOSHI, JP
[72] TOMIMORI, NAMINO, JP
[72] FUKAMI, HARUKAZU, JP
[71] SUNTORY LIMITED, JP
[85] 2004-10-06
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[87] 2003-11-13 (WO2003/093229)
[30] JP (2002-128989) 2002-04-30

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[13] A1

[51] **Int.Cl. 7A23L 1/30 7A61P 3/06 7A61K 9/107 7A61K 31/575**
[25] EN
[54] **HYDROTHERMICALLY PROCESSED COMPOSITIONS CONTAINING PHYTOSTEROLS**
[54] **COMPOSITIONS TRAITÉES DE MANIÈRE HYDROTHERMIQUE CONTENANT DES PHYTOSTEROLS**
[72] BINDER, THOMAS P., US
[72] GOTTEMOLLER, THOMAS V., US
[71] BINDER, THOMAS P., US
[71] GOTTEMOLLER, THOMAS V., US
[85] 2004-10-08
[86] 2003-04-10 (PCT/US2003/010899)
[87] 2003-10-23 (WO2003/086108)
[30] US (60/371,161) 2002-04-10

[21] **2,481,707**
[13] A1

[51] **Int.Cl. 7C07D 405/12 7A61K 31/41**
[25] EN
[54] **BENZOPYRAN DERIVATIVES SUBSTITUTED WITH SECONDARY AMINES INCLUDING TETRAZOLE, METHOD FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **DERIVES DE BENZOPYRANE SUBSTITUES AU MOYEN D'AMINES SECONDAIRES COMPRENANT UN TETRAZOLE ET LEUR PROCEDE DE PREPARATION, ET COMPOSITIONS PHARMACEUTIQUES CONTENANT LESDITS DERIVES**
[72] SHIN, HWA-SUP, KR
[72] LIM, HONG, KR
[72] LEE, DONG-HA, KR
[72] KIM, SUN-OK, KR
[72] CHOI, IN-YOUNG, KR
[72] SUH, JEE-HEE, KR
[72] LEE, SUN-KYUNG, KR
[72] YI, KYU-YANG, KR
[72] SEO, HO-WON, KR
[72] KIM, NAK-JEONG, KR
[72] YOO, SUNG-EUN, KR
[72] LEE, BYUNG-HO, KR
[71] DONGBU HANNONG CHEMICAL CO., LTD., KR
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[30] KR (10-2002-0019460) 2002-04-10

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[13] A1

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[25] EN
[54] **PROCESS FOR THE PREPARATION OF PRIMARY AMINES**
[54] **PROCEDE DE PREPARATION D'AMINES PRIMAIRES**
[72] ROUSSEL, CHRISTIAN, FR
[72] VALLEJOS, JEAN-CLAUDE, FR
[72] WILHELM, DIDIER, FR
[72] SERRADEIL ALBALAT, MURIEL, FR
[71] CLARIANT (FRANCE), FR
[85] 2004-10-06
[86] 2003-07-28 (PCT/IB2003/003398)
[87] 2004-02-12 (WO2004/013081)
[30] FR (02/09674) 2002-07-30

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[13] A1

[51] **Int.Cl. 7B01J 20/32 7A61M 1/34 7C02F 1/38 7A23L 2/38**
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[54] **IMPROVED SEPARATION**
[54] **SEPARATION AMELIOREE**
[72] LJUNGGREN, LENNART, SE
[72] JOHNSON, BO, DE
[71] ALTECO MEDICAL AB, SE
[85] 2004-10-06
[86] 2003-04-04 (PCT/SE2003/000553)
[87] 2003-11-06 (WO2003/090924)
[30] SE (0201257-3) 2002-04-25

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[13] A1

[51] **Int.Cl. 7G06F 9/445**
[25] EN
[54] **A SOFTWARE DISTRIBUTION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION DE LOGICIELS**
[72] MARINELLI, CLAUDIO, IT
[72] PICHETTI, LUIGI, IT
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-10-06
[86] 2003-02-13 (PCT/EP2003/002300)
[87] 2003-10-16 (WO2003/085513)
[30] EP (02368036.6) 2002-04-11

[21] **2,481,714**
[13] A1

[51] **Int.Cl. 7G01S 7/40 7G01S 3/02**
[25] EN
[54] **FAR FIELD SOURCE EMULATOR FOR ANTENNA CALIBRATION**
[54] **EMULATEUR DE SOURCE DE CHAMP LOINTAIN POUR ETALONNAGE D'ANTENNE**
[72] BARKER, DELMAR L., US
[72] SCHULTZ, STEVEN, US
[72] SCHMITT, HARRY A., US
[72] KNAPP, DAVID J., US
[72] BRAUNREITER, DENNIS C., US
[72] SAMUEL, ALPHONSO A., US
[71] RAYTHEON COMPANY, US
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[30] US (09/992,755) 2001-11-14

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[13] A1

[51] **Int.Cl. 7H05H 1/24**
[25] EN
[54] **AN ATMOSPHERIC PRESSURE PLASMA ASSEMBLY**
[54] **ENSEMBLE DE PRODUCTION DE PLASMA A PRESSION ATMOSPHERIQUE**
[72] GOODWIN, ANDREW JAMES, IE
[72] SWALLOW, FRANK, IE
[72] LEADLEY, STUART, IE
[72] DOBBYN, PETER, IE
[71] DOW CORNING IRELAND LIMITED, IE
[85] 2004-10-06
[86] 2003-04-08 (PCT/EP2003/004349)
[87] 2003-10-16 (WO2003/086031)
[30] GB (0208261.8) 2002-04-10

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[13] A1

[51] **Int.Cl. 7G01B 9/02**
[25] EN
[54] **REAL TIME HIGH SPEED HIGH RESOLUTION HYPER-SPECTRAL IMAGING**
[54] **IMAGERIE HYPER-SPECTRALE A HAUTE RESOLUTION ET A GRANDE VITESSE EN TEMPS REEL**
[72] MOSHE, DANNY S., IL
[71] GREEN VISION SYSTEMS LTD., IL
[85] 2004-10-06
[86] 2003-04-07 (PCT/IL2003/000292)
[87] 2003-10-16 (WO2003/085371)
[30] IL (149016) 2002-04-07

[21] **2,481,722**
[13] A1

[51] **Int.Cl. 7E04B 2/00**
[25] EN
[54] **MAIN TEE SPLICE**
[54] **EPISSURE DE T PRINCIPAL**
[72] KAVANAGH, BROCK R., US
[72] KOSKI, GERALD L., US
[72] HARCULA, JOHN M., US
[71] USG INTERIORS, INC., US
[85] 2004-10-07
[86] 2003-03-27 (PCT/US2003/009417)
[87] 2003-11-13 (WO2003/093595)
[30] US (10/135,240) 2002-04-30

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[13] A1

[51] **Int.Cl. 7C07D 223/14 7C07D 487/00 7C07D 491/00 7C07D 513/00 7C07D 223/16 7A61K 31/55**
[25] EN
[54] **5HT2C RECEPTOR MODULATORS**
[54] **MODULATEURS DU RECEPTEUR 5HT2C**
[72] SMITH, JEFFREY, US
[72] SMITH, BRIAN, US
[71] ARENA PHARMACEUTICALS, INC., US
[85] 2004-10-12
[86] 2003-04-11 (PCT/US2003/011076)
[87] 2003-10-23 (WO2003/086306)
[30] US (60/372,058) 2002-04-12
[30] US (60/405,495) 2002-08-23
[30] US (60/434,607) 2002-12-18
[30] US (10/410,991) 2003-04-10

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[13] A1

[51] **Int.Cl. 7G10K 11/172**
[25] FR
[54] **PROCEDE D'ASSEMBLAGE ET DE CONTROLE D'UN PANNEAU ACOUSTIQUE A DOUBLE RESONATEUR AVEC AME EN NID D'ABEILLE**
[54] **METHOD OF ASSEMBLING AND CHECKING A DOUBLE-RESONATOR ACOUSTIC PANEL WITH A HONEYCOMB CORE**
[72] PERROT, CLEMENCE JULIA GENEVIEVE MARIE, FR
[72] BELLEGUIC, YANN, FR
[72] PORTAL, JEAN-FABRICE MARCEL, FR
[71] HUREL-HISPANO, FR
[85] 2004-10-07
[86] 2003-04-22 (PCT/FR2003/001266)
[87] 2003-10-30 (WO2003/090202)
[30] FR (02/05000) 2002-04-22

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[13] A1

[51] **Int.Cl. 7B65H 81/00 7F16C 3/00**
[25] EN
[54] **COMPOSITE DRIVE SHAFT WITH CAPTURED END ADAPTERS**
[54] **ARBRE D'ENTRAINEMENT COMPOSITE A ADAPTATEURS D'EXTREMITE PRISONNIERS**
[72] POSTER, SCOTT D., US
[72] LIN, SHERMAN S., US
[71] BELL HELICOPTER TEXTRON INC., US
[85] 2004-10-06
[86] 2003-04-18 (PCT/US2003/012423)
[87] 2003-10-30 (WO2003/089145)
[30] US (60/374,308) 2002-04-19

[21] **2,481,736**
[13] A1

[51] **Int.Cl. 7E21B 19/16**
[25] EN
[54] **POWER TONG WITH SLIDING JAW**
[54] **CLE DE VISSAGE AUTOMATIQUE A MACHOIRES COULISSANTES**
[72] DAGENAIS, DAN, CA
[72] FRASER, JONATHAN BRENT, CA
[72] SZALACSI, LESLIE L., CA
[72] BASLER, HERMANN, CA
[71] MCCOY BROS. INC., CA
[85] 2004-10-07
[86] 2003-04-30 (PCT/CA2003/000595)
[87] 2003-11-13 (WO2003/093630)
[30] CA (2,384,050) 2002-04-30

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[13] A1

[51] **Int.Cl. 7A61K 9/20**
[25] EN
[54] **SUSTAINED RELEASE OF GUAIFENESIN COMBINATION DRUGS**
[54] **LIBERATION REGULIERE DE MEDICAMENTS COMBINES DE GUAIFENESIN**
[72] BLUME, RALPH W., US
[72] DAVIS, ROBERT D., US
[72] KEYSER, DONALD JEFFREY, US
[71] ADAMS LABORATORIES, INC, US
[85] 2004-10-07
[86] 2003-04-15 (PCT/US2003/011500)
[87] 2003-10-30 (WO2003/088952)
[30] US (10/121,706) 2002-04-15
[30] US (10/406,557) 2003-04-04
[30] US (10/406,574) 2003-04-04

[21] **2,481,732**
[13] A1

[51] **Int.Cl. 7E21B 17/20 7E21B 17/06**
[25] EN
[54] **REMOTE OPERATED COIL CONNECTOR APPARATUS**
[54] **APPAREIL DE CONNEXION D'ENROULEMENT COMMANDE A DISTANCE**
[72] MARSH, BRENT, GB
[72] NORRIS, ROBERT M., GB
[71] VARCO I/P, INC., US
[85] 2004-10-07
[86] 2003-04-23 (PCT/US2003/011487)
[87] 2003-11-13 (WO2003/093628)
[30] US (10/136,362) 2002-05-02

[21] **2,481,737**
[13] A1

[51] **Int.Cl. 7A61K 7/32**
[25] EN
[54] **POLYMERIC ODOR ABSORPTION INGREDIENTS FOR PERSONAL CARE PRODUCTS**
[54] **INGREDIENTS D'ABSORPTION D'ODEURS POLYMERES POUR PRODUITS DE SOINS PERSONNELS**
[72] FUJDALA, KYLE L., US
[72] SOANE, DAVID S., US
[71] COSMETICA, INC., US
[85] 2004-10-13
[86] 2003-04-16 (PCT/US2003/011669)
[87] 2003-10-30 (WO2003/088931)
[30] US (60/373,374) 2002-04-16

[21] **2,481,741**
[13] A1

[51] **Int.Cl. 7A46B 13/02 7A61C 17/32**
[25] EN
[54] **POWERED TOOTHBRUSH HEAD**
[54] **TETE DE BROSSE A DENTS ELECTRIQUE**
[72] GATZEMEYER, JOHN J., US
[72] JANSSEN, GERARDUS W. H., US
[72] FATTORI, JOSEPH EDWARD, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2004-10-07
[86] 2003-04-10 (PCT/US2003/011103)
[87] 2003-10-23 (WO2003/086142)
[30] US (10/121,261) 2002-04-12

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[13] A1

[51] **Int.Cl. 7F16C 33/66**
[25] EN
[54] **AGITATOR DRIVE**
[54] **COMMANDE D'AGITATEUR**
[72] HARCLERODE, MIKE L., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2004-10-06
[86] 2003-04-28 (PCT/US2003/013114)
[87] 2003-11-13 (WO2003/092878)
[30] US (10/134,407) 2002-04-29

[21] **2,481,738**
[13] A1

[51] **Int.Cl. 7A61B 17/122**
[25] EN
[54] **CLIP DEVICE WITH FLUSHING FEATURE**
[54] **DISPOSITIF DE POSE D'AGRAFES AVEC MOYEN DE RINCAGE**
[72] SURTI, VIHAR C., US
[71] WILSON-COOK MEDICAL INC., US
[85] 2004-10-07
[86] 2003-04-15 (PCT/US2003/011496)
[87] 2003-10-30 (WO2003/088849)
[30] US (60/372,504) 2002-04-15
[30] US (60/424,524) 2002-11-07

[21] **2,481,742**
[13] A1

[51] **Int.Cl. 7C07C 213/02 7C07D 263/06**
[25] FR
[54] **PROCEDES DE PREPARATION DE COMBRETASTATINES**
[54] **METHOD FOR PREPARING COMBRETASTATINS**
[72] MALEJONOCK, IRINA, FR
[72] MUTTI, STEPHANE, FR
[72] LAVIGNE, MICHEL, FR
[72] CASIMIR, JEAN-PAUL, FR
[71] AVENTIS PHARMA S.A., FR
[85] 2004-10-07
[86] 2003-04-09 (PCT/FR2003/001117)
[87] 2003-10-16 (WO2003/084919)
[30] FR (02/04499) 2002-04-11

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[21] **2,481,745**
[13] A1

[51] **Int.Cl. 7A61B 17/122**
[25] EN
[54] **HAEMOSTATIC CLIP DEVICE**
[54] **DISPOSITIF DE PINCE HEMOSTATIQUE**
[72] SURTI, VIHAR C., US
[71] WILSON-COOK MEDICAL INC., US
[85] 2004-10-07
[86] 2003-04-15 (PCT/US2003/011820)
[87] 2003-10-30 (WO2003/088850)
[30] US (60/372,504) 2002-04-15
[30] US (60/424,524) 2002-11-07

[21] **2,481,747**
[13] A1

[51] **Int.Cl. 7A61K 39/395 7C07K 16/24**
[25] EN
[54] **RECOMBINANT ANTI-INTERLEUKIN-9 ANTIBODIES**
[54] **ANTICORPS ANTI-INTERLEUKINE-9 RECOMBINANTS**
[72] REED, JENNIFER LYNNE, US
[72] VAN SNICK, JACQUES, BE
[72] DALL'ACQUA, WILLIAM, US
[72] RENAULD, JEAN-CHRISTOPHE, BE
[72] CORMONT, FRANCOISE, BE
[72] UYTENHOVE, CATHERINE, BE
[71] MEDIMMUNE, INC., US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US
[85] 2004-10-12
[86] 2003-04-11 (PCT/US2003/011113)
[87] 2003-10-23 (WO2003/086458)
[30] US (60/371,728) 2002-04-12
[30] US (60/371,683) 2002-04-12

[21] **2,481,748**
[13] A1

[51] **Int.Cl. 7B23P 11/00 7B23Q 3/00 7E04B 2/30**
[25] EN
[54] **CONCEALED FASTENER, SYSTEM, AND ASSOCIATED METHODS**
[54] **FIXATION DISSIMULEE, SYSTEME ET PROCEDES ASSOCIES**
[72] BOLTON, CARL WILLIAM, US
[71] BOLTON, CARL WILLIAM, US
[85] 2004-10-07
[86] 2003-04-15 (PCT/US2003/011164)
[87] 2003-10-30 (WO2003/089186)
[30] US (60/372,735) 2002-04-16

[21] **2,481,749**
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61K 31/22**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING AN ALPHA-KETOALKANOIC ACID ESTER OR -AMIDE AND LACTIC ACID OR A LACTIC ACID SALT**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN ESTER OU UN AMIDE D'ACIDE ALPHA-CETOALCANOIQUE ET DE L'ACIDE LACTIQUE OU UN SEL D'ACIDE LACTIQUE**
[72] FINK, MITCHELL P., US
[71] CRITICAL THERAPEUTICS, INC., US
[85] 2004-10-07
[86] 2003-04-17 (PCT/US2003/012134)
[87] 2003-10-30 (WO2003/088955)
[30] US (60/373,680) 2002-04-17

[21] **2,481,750**
[13] A1

[51] **Int.Cl. 7H04N 5/00 7G07F 7/08 7H04N 7/16**
[25] EN
[54] **PREPAID PAY TELEVISION SYSTEM**
[54] **SYSTEME DE TELEVISION A PEAGE A PRE-PAIEMENT**
[72] SASSELLI, MARCO, CH
[71] NAGRAVISION SA, CH
[85] 2004-10-07
[86] 2003-04-09 (PCT/IB2003/001319)
[87] 2003-10-16 (WO2003/085959)
[30] EP (02008061.0) 2002-04-11

[21] **2,481,752**
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A61K 9/08**
[25] EN
[54] **COMPOSITION FOR MODULATING A PHYSIOLOGICAL REACTION OR INDUCING AN IMMUNE RESPONSE**
[54] **COMPOSITION PERMETTANT DE MODULER UNE REACTION PHYSIOLOGIQUE OU D'INDUIRE UNE REACTION IMMUNITAIRE**
[72] VANDENBERG, GRANT WILLIAM, CA
[71] PEROS SYSTEMES TECHNOLOGIES INC., CA
[85] 2004-10-07
[86] 2003-04-08 (PCT/CA2003/000523)
[87] 2003-10-23 (WO2003/086097)
[30] US (60/370,220) 2002-04-08

[21] **2,481,753**
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61P 1/00 7A61K 31/16 7A61K 31/22 7A61K 31/223**
[25] EN
[54] **METHOD FOR TREATING ILEUS WITH AN ALPHA -KETOALKANOIC ACID OR - ESTER OR - AMIDE**
[54] **PROCEDE PERMETTANT DE TRAITER UN ILEUS AVEC UN ACIDE ALPHA-CETOALCANOIQUE, OU UN ESTER OU UN AMIDE D'ACIDE ALPHA-CETOALCANOIQUE**
[72] FINK, MITCHELL P., US
[71] CRITICAL THERAPEUTICS, INC., US
[85] 2004-10-06
[86] 2003-04-17 (PCT/US2003/012135)
[87] 2003-10-30 (WO2003/088956)
[30] US (60/373,680) 2002-04-17

[21] **2,481,754**
[13] A1

[51] **Int.Cl. 7A61K 31/70 7A61K 31/74**
[25] EN
[54] **ANTIBIOTIC/BENZOYL PEROXIDE DISPENSER**
[54] **DISTRIBUTEUR DE PEROXYDE ANTIBIOTIQUE**
[72] VISHNUPAD, MOHAN, US
[72] VISHNUPAD, NAOMI, US
[71] IMAGINATIVE RESEARCH ASSOCIATES, INC., US
[85] 2004-10-08
[86] 2003-04-14 (PCT/US2003/011363)
[87] 2003-10-23 (WO2003/086419)
[30] US (10/121,839) 2002-04-12

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[21] **2,481,758**
[13] A1
[51] **Int.Cl. 7A61L 9/03 7A01M 1/20**
[25] EN
[54] **ELECTRICAL EVAPORATOR WITH ADJUSTABLE EVAPORATION INTENSITY**
[54] **EVAPORATEUR ELECTRIQUE AVEC INTENSITE D'EVAPORATION REGLABLE**
[72] MARCHETTI, FABIO, IT
[72] STENICO, FILIPPO, IT
[72] AMBROSI, STEFANO, IT
[72] PEDROTTI, ANDREA, IT
[72] CAMPEDELLI, PAOLO, IT
[72] BALDESSARI, STEFANO, IT
[72] DEFLORIAN, STEFANO, IT
[72] FRISANCO, ALESSANDRO, IT
[71] S. C. JOHNSON & SON, INC., US
[85] 2004-10-07
[86] 2003-04-07 (PCT/US2003/010604)
[87] 2003-10-23 (WO2003/086488)
[30] US (60/371,162) 2002-04-10
[30] US (10/267,445) 2002-10-09

[21] **2,481,760**
[13] A1
[51] **Int.Cl. 7B01D 46/52 7B01D 53/02**
[25] EN
[54] **FILTER MODULE**
[54] **MODULE FILTRANT**
[72] EDER, MICHAEL, AT
[71] BRAIN FLASH-PATENTENTWICKLUNGS GMBH, AT
[85] 2004-10-07
[86] 2003-03-12 (PCT/AT2003/000071)
[87] 2003-10-16 (WO2003/084638)
[30] AT (A 546/2002) 2002-04-09

[21] **2,481,761**
[13] A1
[51] **Int.Cl. 7C12P 13/12 7C12N 9/10 7C12N 1/15 7C12N 15/63**
[25] EN
[54] **METHODS FOR PRODUCING SULPHUROUS FINE CHEMICALS BY FERMENTATION USING METH-CODING CORYNEFORM BACTERIA**
[54] **PROCEDE DE PRODUCTION DE PRODUITS CHIMIQUES FINS SULFUREUX**
[72] KROEGER, BURKHARD, DE
[72] KLOPPROGGE, CORINNA, DE
[72] ZELDER, OSKAR, DE
[72] SCHROEDER, HARTWIG, DE
[72] HAEFNER, STEFAN, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-10-06
[86] 2003-04-16 (PCT/EP2003/004010)
[87] 2003-10-23 (WO2003/087386)
[30] DE (102 17 058.4) 2002-04-17

[21] **2,481,763**
[13] A1
[51] **Int.Cl. 7C07D 417/06 7C07D 417/14 7A61P 25/28 7A61K 31/506**
[25] EN
[54] **PIPERAZINE BENZOTHAZOLES AS AGENTS FOR THE TREATMENT OF CEREBRAL ISCHEMIC DISORDERS OR CNS DISORDERS**
[54] **PIPERAZINE BENZOTHAZOLES UTILISES COMME AGENTS POUR LE TRAITEMENT DE TROUBLES ISCHEMIQUES CEREBRAUX OU DE TROUBLES DU SYSTEME NERVEUX CENTRAL (SNC)**
[72] VITTE, PIERRE-ALAIN, FR
[72] GOTTELAND, JEAN-PIERRE, FR
[72] GAILLARD, PASCALE, FR
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., NL
[85] 2004-10-06
[86] 2003-04-25 (PCT/EP2003/004323)
[87] 2003-11-06 (WO2003/091249)
[30] EP (02100417.1) 2002-04-25

[21] **2,481,764**
[13] A1
[51] **Int.Cl. 7A01H 5/00 7C12N 15/09**
[25] EN
[54] **PLANT WITH IMPROVED ORGANOGENESIS AND METHOD OF CONSTRUCTING THE SAME**
[54] **PLANTE PRESENTANT UNE ORGANOGENESE AMELIOREE ET PROCEDE DE CREATION DE CETTE PLANTE**
[72] MIZUTANI, MASAKO, JP
[72] MATSUI, KEISUKE, JP
[72] KASUKABE, YOSHIHISA, JP
[72] TACHIBANA, SHOJI, JP
[72] IHARA, IZUMI, JP
[71] TOYOBO RESEARCH CENTER CO., LTD., JP
[85] 2004-10-07
[86] 2003-04-08 (PCT/JP2003/004427)
[87] 2003-10-16 (WO2003/084314)
[30] JP (2002-105583) 2002-04-08

[21] **2,481,765**
[13] A1
[51] **Int.Cl. 7A61L 15/60 7C08F 290/06 7A61K 6/10 7C08F 290/14**
[25] EN
[54] **GEL MATERIALS, MEDICAL ARTICLES, AND METHODS**
[54] **GELS, ARTICLES MEDICAUX ET PROCEDES**
[72] FANSLER, DUANE D., US
[72] KAVANAGH, MAUREEN A., US
[72] BURTON, SCOTT A., US
[72] ABUELYAMAN, AHMED S., US
[72] STICKELS, STEVEN C., US
[72] LEWANDOWSKI, KEVIN M., US
[72] SEILER, PETER M., US
[72] HATTAM, PAUL, US
[72] GADDAM, BABU N., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-10-07
[86] 2003-03-27 (PCT/US2003/009556)
[87] 2003-10-23 (WO2003/086493)
[30] US (10/121,518) 2002-04-12

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[21] **2,481,766**
[13] A1

[51] **Int.Cl. 7A62B 1/20**
[25] EN
[54] **DEVICE FOR EVACUATING PEOPLE FROM A BUILDING**
[54] **DISPOSITIF D'EVACUATION DE PERSONNES SE TROUVANT A L'INTERIEUR D'UN BATIMENT**
[72] HAFLIGER, WERNER, CH
[71] HAFLIGER, WERNER, CH
[85] 2004-10-07
[86] 2003-03-22 (PCT/EP2003/003005)
[87] 2003-10-23 (WO2003/086540)
[30] CH (0650/02) 2002-04-18

[21] **2,481,769**
[13] A1

[51] **Int.Cl. 7A62B 25/00**
[25] EN
[54] **POUCH FOR THE BLOWER UNIT OF A POWERED AIR PURIFYING RESPIRATOR**
[54] **POCHE POUR VENTILATEUR D'UN RESPIRATEUR A AIR PURIFIE**
[72] GLOAG, NICHOLAS J., US
[72] MORTIMER, SIMON A., US
[72] ODELL, RAYMOND, US
[72] GRAVES, JASON A., US
[72] JOHNSON, RACHAEL J., US
[72] AVERY, MARTIN J., US
[72] CURRAN, DESMOND T., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-10-07
[86] 2003-03-19 (PCT/US2003/008631)
[87] 2003-10-23 (WO2003/086545)
[30] US (10/121,306) 2002-04-12
[30] US (10/263,807) 2002-10-03

[21] **2,481,770**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 17/00 7A61K 31/425**
[25] EN
[54] **TOPICAL PHARMACEUTICAL COMPOSITIONS COMPRISING PROANTHOCYANIDINS FOR THE TREATMENT OF DERMATITIS**
[54] **COMPOSITIONS PHARMACEUTIQUES TOPIQUES COMPRENANT DES PROANTHOCYANIDINES, POUR LE TRAITEMENT DES DERMATITES**
[72] MASTRODONATO, MARCO, IT
[72] CIATTINI, ROBERTO, IT
[71] SINCLAIR PHARMACEUTICALS LIMITED, GB
[85] 2004-10-07
[86] 2003-03-31 (PCT/EP2003/003329)
[87] 2003-10-16 (WO2003/084553)
[30] IT (MI2002A000756) 2002-04-09

[21] **2,481,772**
[13] A1

[51] **Int.Cl. 7B01D 53/86**
[25] EN
[54] **DENITRIFICATION METHOD**
[54] **PROCEDE DE DENITRIFICATION**
[72] GROVES, MICHAEL, DE
[72] SCHWEFER, MEINHARD, DE
[71] UHDE GMBH, DE
[85] 2004-10-07
[86] 2003-03-21 (PCT/EP2003/002958)
[87] 2003-10-16 (WO2003/084646)
[30] DE (102 15 605.0) 2002-04-09

[21] **2,481,777**
[13] A1

[51] **Int.Cl. 7H01J 49/42**
[25] EN
[54] **BROAD ION FRAGMENTATION COVERAGE IN MASS SPECTROMETRY BY VARYING THE COLLISION ENERGY**
[54] **COUVERTURE POUR FRAGMENTATION D'IONS IMPORTANTE EN SPECTROMETRIE DE MASSE (MS) PAR VARIATION DE L'ENERGIE DE COLLISION**
[72] BLOOMFIELD, NIC, CA
[72] LEBLANC, YVES, CA
[71] MDS INC., CA
[85] 2004-10-07
[86] 2003-04-02 (PCT/CA2003/000476)
[87] 2003-11-13 (WO2003/094197)
[30] US (60/376,352) 2002-04-29

[21] **2,481,779**
[13] A1

[51] **Int.Cl. 7E01C 23/088**
[25] EN
[54] **SELF-PROPELLED ROAD MILLING MACHINE**
[54] **FRAISEUSE DE ROUTE AUTOMOTRICE**
[72] HOLL, BERND, DE
[72] LEY, HERBERT, DE
[72] HAEHN, GUENTER, DE
[71] WIRTGEN GMBH, DE
[85] 2004-10-06
[86] 2003-04-30 (PCT/EP2003/004517)
[87] 2004-01-15 (WO2004/005623)
[30] DE (102 30 784.9) 2002-07-09
[30] DE (102 32 489.1) 2002-07-18

[21] **2,481,780**
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H01S 3/30**
[25] EN
[54] **OPTICAL FIBER AMPLIFICATION SYSTEM**
[54] **SYSTEME D'AMPLIFICATION A FIBRE OPTIQUE**
[72] FELLA, PAOLO, IT
[71] MARCONI COMMUNICATIONS SPA, IT
[85] 2004-10-07
[86] 2003-04-30 (PCT/IB2003/001949)
[87] 2003-11-13 (WO2003/094394)
[30] IT (MI2002A000922) 2002-04-30

[21] **2,481,784**
[13] A1

[51] **Int.Cl. 7A61K 7/06 7A61K 7/021 7A61K 7/135 7C12Q 1/68**
[25] EN
[54] **METHODS FOR LIGHTENING SKIN AND HAIR**
[54] **PROCEDES D'ECLAIRCISSEMENT CUTANE ET CAPILLAIRE**
[72] PARK, HEE-YOUNG, US
[72] BOTCHKAREV, VLADIMIR, US
[72] GILCHREST, BARBARA A., US
[72] YAAR, MINA, US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2004-10-12
[86] 2003-04-11 (PCT/US2003/011376)
[87] 2003-10-23 (WO2003/086313)
[30] US (60/372,523) 2002-04-12

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[21] **2,481,786**
[13] A1

[51] **Int.Cl. 7A61K 33/00 7A61K 47/00**
[25] EN
[54] **METHODS OF TREATING NECROTIZING ENTEROCOLITIS**
[54] **METHODES DE TRAITEMENT DE L'ENTEROCOLITE NECROSANTE NEONATALE**
[72] ZUCKERBRAUN, BRIAN, US
[72] OTTERBEIN, LEO E., US
[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2004-10-13
[86] 2003-04-15 (PCT/US2003/011167)
[87] 2003-10-30 (WO2003/088981)
[30] US (60/372,599) 2002-04-15

[21] **2,481,791**
[13] A1

[51] **Int.Cl. 7B29C 45/12**
[25] EN
[54] **DEVICE FOR THE INJECTION MOULDING OF MOULDED BODIES MADE FROM PLASTIC**
[54] **DISPOSITIF POUR MOULER PAR INJECTION DES CORPS MOULES EN MATIERE PLASTIQUE**
[72] JAROSCHEK, CHRISTOPH, DE
[71] LEHMANN GMBH & CO. KG, DE
[85] 2004-10-07
[86] 2002-04-17 (PCT/EP2002/004227)
[87] 2003-10-23 (WO2003/086729)

[21] **2,481,793**
[13] A1

[51] **Int.Cl. 7A01N 43/80 7C07D 413/04 7C07D 417/04**
[25] EN
[54] **3-HETEROARYL SUBSTITUTED 5-METHYLOXYMETHYL ISOXAZOLINES USED AS HERBICIDES**
[54] **ISOXAZOLINES 5-METHYLOXYMETHYLIQUES A SUBSTITUTION 3-HETEROARYLE UTILISEES COMME HERBICIDES**
[72] WITSCHER, MATTHIAS, DE
[72] ZAGAR, CYRILL, DE
[72] LANDES, ANDRÉAS, DE
[72] RACK, MICHAEL, DE
[72] WAGNER, OLIVER, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-10-07
[86] 2003-04-22 (PCT/EP2003/004136)
[87] 2003-11-06 (WO2003/090539)
[30] DE (102 18 620) 2002-04-25

[21] **2,481,797**
[13] A1

[51] **Int.Cl. 7C08F 251/00**
[25] EN
[54] **AQUEOUS POLYMER DISPERSIONS, BASED ON COPOLYMERS OF VINYL AROMATICS AND BUTADIENE, METHOD FOR THEIR PRODUCTION AND THEIR USE AS SIZING AGENTS FOR PAPER**
[54] **DISPERSIONS POLYMERES AQUEUSES A BASE DE COPOLYMERES DE VINYLAROMATIQUES ET DE BUTADIENE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION EN TANT QU'AGENTS COLLANTS POUR PAPIER**
[72] SCHMIDT-THUEMMES, JUERGEN, DE
[72] HAMERS, CHRISTOPH, DE
[72] ETTL, ROLAND, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-10-07
[86] 2003-04-15 (PCT/EP2003/003898)
[87] 2003-11-06 (WO2003/091300)
[30] DE (102 18 418.6) 2002-04-24

[21] **2,481,800**
[13] A1

[51] **Int.Cl. 7E21B 7/20 7E21B 33/14**
[25] EN
[54] **A ONE TRIP DRILLING AND CASING CEMENTING METHOD**
[54] **PROCEDE DE FORAGE ET DE CIMENTATION DE TUBAGE EN UN SEUL ALLER ET RETOUR**
[72] KOEHRMANN, FRANK, US
[72] GIVENS, GEORGE E., US
[72] KRAUSS, CHRISTIAAN D., US
[72] WOOD, EDWARD T., US
[72] VINCENT, RAY P., US
[72] HAUGHTON, DAVID B., US
[72] MAKOHL, FRIEDHELM, DE
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-10-07
[86] 2003-04-04 (PCT/US2003/010324)
[87] 2003-10-23 (WO2003/087525)
[30] US (60/370,910) 2002-04-08

[21] **2,481,801**
[13] A1

[51] **Int.Cl. 7C11D 1/83 7C11D 3/02 7C11D 3/20 7C11D 3/34 7C11D 3/37 7C11D 3/50**
[25] EN
[54] **LIQUID CLEANING COMPOSITION**
[54] **COMPOSITION DE NETTOYAGE LIQUIDE**
[72] LEONARD, ISABELLE, BE
[72] DORMAL, DIDIER, BE
[71] COLGATE-PALMOLIVE, US
[85] 2004-10-07
[86] 2003-04-08 (PCT/US2003/010802)
[87] 2003-10-23 (WO2003/087281)
[30] US (10/119,256) 2002-04-09
[30] US (10/269,898) 2002-10-10

[21] **2,481,802**
[13] A1

[51] **Int.Cl. 7C08J 7/04 7C09D 7/12**
[25] EN
[54] **SELF-CLEANING SYNTHETIC BODY AND METHOD FOR PRODUCING THE SAME**
[54] **CORPS PLASTIQUE AUTONETTOYANT ET SON PROCEDE DE PRODUCTION**
[72] NEEB, ROLF, DE
[72] HASKERL, THOMAS, DE
[72] SEYOUM, GHIRMAY, DE
[71] ROHM GMBH & CO. KG, DE
[85] 2004-10-06
[86] 2003-05-20 (PCT/EP2003/005278)
[87] 2003-12-11 (WO2003/102056)
[30] DE (102 24 895.8) 2002-06-04

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[21] **2,481,808**
[13] A1

[51] **Int.Cl. 7C07C 49/84 7A01N 35/06 7C07C 317/24**

[25] EN

[54] **3-KETO-OR 3-OXIME-ETHER-SUBSTITUTED**

BENZOYLCYCLOHEXANEDIONES

[54] **BENZOYLCYCLOHEXANDIONES**

SUBSTITUES PAR 3-CETO OU 3-OXIME-ETHER

[72] SCHMITT, MONIKA H., DE

[72] WILLMS, LOTHAR, DE

[72] AULER, THOMAS, DE

[72] SEITZ, THOMAS, DE

[72] VAN ALMSICK, ANDREAS, DE

[72] MENNE, HUBERT, DE

[72] BIERINGER, HERMANN, DE

[71] BAYER CROPSCIENCE GMBH, DE

[85] 2004-10-07

[86] 2003-03-28 (PCT/EP2003/003250)

[87] 2003-10-16 (WO2003/084912)

[30] DE (102 15 723.5) 2002-04-10

[21] **2,481,809**
[13] A1

[51] **Int.Cl. 7C11D 3/20 7C11D 3/382 7C11D 1/83**

[25] EN

[54] **HIGH FOAMING, GREASE**

CUTTING LIGHT DUTY LIQUID

COMPOSITION CONTAINING AT

LEAST ONE NATURAL EXTRACT

[54] **COMPOSITION LIQUEIDE LEGERE**

HAUTEMENT MOUSSEUSE ET

ELIMINANT LA GRAISSE,

CONTENANT AU MOINS UN EXTRAIT

NATUREL

[72] THOMAS, BARBARA, US

[72] ARVANITIDOU, EVANGELIA, US

[72] SURIANO, DAVID, US

[72] WISNIEWSKI, KAREN, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2004-10-07

[86] 2003-04-08 (PCT/US2003/010689)

[87] 2003-10-23 (WO2003/087283)

[30] US (10/118,880) 2002-04-09

[30] US (10/259,043) 2002-09-27

[21] **2,481,817**
[13] A1

[51] **Int.Cl. 7C07C 275/54 7C07D 295/12 7A61P 7/12 7A61K 31/17**

[25] EN

[54] **ACYL-4-CARBOXYPHENYLUREA DERIVATIVES, METHOD FOR**

PRODUCTION AND USE THEREOF

[54] **DERIVES D'ACYL-4-**

CARBOXYPHENYLUREE, PROCEDES DE PRODUCTION DE CES DERIVES ET

LEUR UTILISATION

[72] BURGER, HANS-JOERG, US

[72] WENDT, KARL-URLICH, DE

[72] HERLING, ANDREAS, DE

[72] VON ROEDERN, ERICH, DE

[72] ENHSEN, ALFONS, DE

[72] KLABUNDE, THOMAS, DE

[72] SCHOENAFINGER, KARL, DE

[72] RIEKE-ZAPP, JOERG, DE

[72] KADEREIT, DIETER, DE

[72] DEFOSSA, ELISABETH, DE

[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE

[85] 2004-10-07

[86] 2003-03-28 (PCT/EP2003/003251)

[87] 2003-10-16 (WO2003/084922)

[30] DE (102 15 907) 2002-04-11

[21] **2,481,825**
[13] A1

[51] **Int.Cl. 7C07D 239/56 7A61P 29/00 7C07C 257/18 7A61K 31/513**

[25] EN

[54] **PYRIMIDONE DERIVATIVES**

USEFUL FOR THE TREATMENT OF

INFLAMMATIN AND

IMMUNOLOGICAL DISEASES

[54] **NOUVEAUX DERIVES DE**

PYRIMIDONE

[72] NAG, BISWAJIT, US

[72] TADIPARTHI, RAVIKUMAR, IN

[72] AGGARWAL, PAWAN, IN

[72] AGARWAL, SHIV KUMAR, IN

[72] DEY, DEBENDRANATH, US

[72] SHIVAKUMAR, SAVITHIRI, IN

[71] ORCHID CHEMICALS &

PHARMACEUTICALS LIMITED, IN

[85] 2004-10-07

[86] 2003-04-10 (PCT/IB2003/001306)

[87] 2003-10-16 (WO2003/084938)

[30] IN (266/MAS/2002) 2002-04-10

[21] **2,481,829**
[13] A1

[51] **Int.Cl. 7C07K 16/42 7A61K 39/395 7C07K 16/46**

[25] EN

[54] **ANTI-IDIOTYPE ANTI-CEA**

ANTIBODY MOLECULES AND ITS USE

AS CANCER VACCINE

[54] **MOLECULES D'ANTICORPS**

ANTI-CEA ANTI-IDIOTYPES ET LEUR

UTILISATION COMME VACCIN

CONTRE LE CANCER

[72] CARTER, GRAHAM, GB

[72] CARR, FRANCIS J., GB

[71] MERCK PATENT GESELLSCHAFT

MIT BESCHRANKTER HAFTUNG, DE

[85] 2004-10-07

[86] 2003-04-07 (PCT/EP2003/003580)

[87] 2003-10-16 (WO2003/084996)

[30] EP (02007885.3) 2002-04-09

[21] **2,481,832**
[13] A1

[51] **Int.Cl. 7C08B 37/16 7A62D 3/00 7B09C 1/08**

[25] EN

[54] **CROSS-LINKED POLYMERS**

BASED ON CYCLODEXTRINS FOR

REMOVING POLLUTING AGENTS

[54] **POLYMERES RETICULES A BASE**

DE CYCLODEXTRINES DESTINES A

ELIMINER DES AGENTS POLLUANTS

[72] TROTTA, FRANCESCO, IT

[72] TUMIATTI, WANDER, IT

[71] SEA MARCONI TECHNOLOGIES DI W. TUMIATTI S.A.S., IT

[85] 2004-10-07

[86] 2002-04-10 (PCT/EP2002/003989)

[87] 2003-10-16 (WO2003/085002)

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[21] **2,481,835**
[13] A1

[51] **Int.Cl. 7C08F 220/58 7C08F 222/02 7C08F 226/02 7C08F 228/02 7C08F 212/14 7C04B 24/16**
[25] EN
[54] **WATER-SOLUBLE COPOLYMERS BASED ON OLEFINIC SULFONIC ACIDS, METHOD FOR THE PRODUCTION THEREOF AND USE OF THE SAME**
[54] **COPOLYMERES HYDROSOLUBLES A BASE D'ACIDES SULFONIQUES OLEFINIQUES, LEURS PROCEDES DE PRODUCTION ET LEUR UTILISATION**
[72] FENCHL, ANDREA, DE
[72] HUBER, UWE, DE
[72] PLANK, JOHANN, DE
[72] SPINDLER, CHRISTIAN, DE
[71] SKW POLYMERS GMBH, DE
[85] 2004-10-07
[86] 2003-04-09 (PCT/EP2003/003694)
[87] 2003-10-16 (WO2003/085013)
[30] DE (102 15 682.4) 2002-04-10

[21] **2,481,837**
[13] A1

[51] **Int.Cl. 7C12P 21/08 7A61P 9/00 7A61P 29/00 7A61P 35/00 7A61P 43/00 7A61P 37/02 7A61P 31/04 7A61P 37/04 7A61P 37/08 7C12N 15/09 7C12N 5/10 7A61P 31/12 7A61P 31/14 7G01N 33/15 7C07K 16/18 7A61K 39/395 7G01N 33/50**
[25] EN
[54] **PROCESS FOR PRODUCING ANTIBODY COMPOSITION**
[54] **PROCEDE DE PRODUCTION DE COMPOSITION ANTICORPS**
[72] YAMANO, KAZUYA, JP
[72] KAMACHI, REIKO, JP
[72] KANDA, YUTAKA, JP
[72] MORI, KATSUHIRO, JP
[72] KINOSHITA, SATOKO, JP
[72] SATOH, MITSUO, JP
[72] IIDA, SHIGERU, JP
[71] KYOWA HAKKO KOGYO CO. LTD., JP
[85] 2004-10-07
[86] 2003-04-09 (PCT/JP2003/004502)
[87] 2003-10-16 (WO2003/085118)
[30] JP (2002-106820) 2002-04-09
[30] JP (2003-24685) 2003-01-31

[21] **2,481,838**
[13] A1

[51] **Int.Cl. 7E04F 15/04 7E04F 15/20**
[25] EN
[54] **FLOORBOARDS FOR FLOORINGS**
[54] **LAMES DE PLANCHER POUR REVETEMENTS DE SOL**
[72] PERVAN, DARKO, SE
[71] VAELINGE INNOVATION AB, SE
[85] 2004-10-07
[86] 2003-04-08 (PCT/SE2003/000565)
[87] 2003-10-23 (WO2003/087498)
[30] SE (0201059-3) 2002-04-08

[21] **2,481,839**
[13] A1

[51] **Int.Cl. 7C12P 41/00**
[25] EN
[54] **PROCESS FOR PRODUCING EITHER OPTICALLY ACTIVE N-SUBSTITUTED .SZLIG.-AMINO ACID AND OPTICALLY ACTIVE N-SUBSTITUTED .SZLIG.-AMINO ACID ESTER OR OPTICALLY ACTIVE N-SUBSTITUTED 2-HOMOPIPECOLIC ACID AND OPTICALLY ACTIVE N-SUBSTITUTED 2-HOMOPIPECOLIC ACID ESTER**
[54] **PROCEDE DE PRODUCTION SOIT D'ACIDE SG(B)-AMINE N-SUBSTITUE OPTIQUEMENT ACTIF ET D'ESTER D'ACIDE SG(B)-AMINE N-SUBSTITUE OPTIQUEMENT ACTIF, SOIT D'ACIDE 2-HOMOPIPECOLIQUE N-SUBSTITUE OPTIQUEMENT ACTIF ET D'ESTER D'ACIDE 2-HOMOPIPECOLIQUE N-SUBSTITUE OPTIQUEMENT ACTIF**
[72] SAKATA, KAZUMA, JP
[72] YAMAMOTO, YASUHITO, JP
[72] KONEGAWA, TADAYOSHI, JP
[72] MIYATA, HIROYUKI, JP
[71] UBE INDUSTRIES, LTD., JP
[85] 2004-10-07
[86] 2003-04-08 (PCT/JP2003/004437)
[87] 2003-10-16 (WO2003/085120)
[30] JP (2002-105021) 2002-04-08
[30] JP (2002-172678) 2002-06-13

[21] **2,481,840**
[13] A1

[51] **Int.Cl. 7D21H 27/30**
[25] EN
[54] **HIGH TEMPERATURE PAPER**
[54] **PAPIER REFRACTAIRE**
[72] CORNBOWER, TYRONE, US
[71] FIBERMARK, INC., US
[85] 2004-10-07
[86] 2002-11-29 (PCT/US2002/038171)
[87] 2003-10-23 (WO2003/087474)
[30] US (10/118,921) 2002-04-10

[21] **2,481,841**
[13] A1

[51] **Int.Cl. 7B23P 19/00 7G02B 6/00 7B65H 49/00 7H01P 11/00 7H01Q 13/00 7B65H 67/02 7B23Q 7/10 7B65H 54/22 7G02B 6/34 7B65H 75/38**
[25] EN
[54] **OPTICAL FIBER DEVICE MANUFACTURING SYSTEMS, APPARATUSES, AND METHODS**
[54] **SYSTEMES, APPAREILS ET PROCEDES DE FABRICATION DE DISPOSITIFS A FIBRES OPTIQUES**
[72] DEVEGOWDA, SANDESH, US
[71] CORVIS CORPORATION, US
[85] 2004-10-07
[86] 2003-04-10 (PCT/IB2003/001332)
[87] 2003-10-16 (WO2003/085421)
[30] US (10/119,652) 2002-04-10

[21] **2,481,842**
[13] A1

[51] **Int.Cl. 7H05K 9/00**
[25] EN
[54] **BOARD-LEVEL EMI SHIELD WITH ENHANCED THERMAL DISSIPATION**
[54] **BLINDAGE EMI SUR CARTE ASSURANT UNE MEILLEURE DISSIPATION THERMIQUE**
[72] CANDY, WILLIAM, US
[72] REIS, BRADLEY, US
[71] GORE ENTERPRISE HOLDINGS, INC., US
[85] 2004-10-07
[86] 2003-03-11 (PCT/US2003/007507)
[87] 2003-10-23 (WO2003/088729)
[30] US (10/120,251) 2002-04-10

[21] **2,481,843**
[13] A1

[51] **Int.Cl. 7C08L 67/02 7C08L 67/08 7C08K 5/14 7C08G 63/16 7C08G 63/48**
[25] EN
[54] **BIODEGRADABLE POLYESTERS OBTAINED BY REACTIVE EXTRUSION**
[54] **POLYESTERS BIODEGRADABLES OBTENUS PAR EXTRUSION REACTIVE**
[72] MILIZIA, TIZIANA, IT
[72] BASTIOLI, CATIA, IT
[72] CELLA, GIANDOMENICO, IT
[72] DELTREDICI, GIANFRANCO, IT
[71] NOVAMONT S.P.A., IT
[85] 2004-10-07
[86] 2003-04-17 (PCT/EP2003/004197)
[87] 2003-10-30 (WO2003/089490)
[30] IT (MI2002A000865) 2002-04-22

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[21] **2,481,845**
[13] A1

[51] **Int.Cl. 7C08G 63/48 7C08L 67/00 7C08G 63/60**
[25] EN
[54] **BIODEGRADABLE SATURATED/ UNSATURATED THERMOPLASTIC POLYESTERS**
[54] **POLYESTERS**
THERMOPLASTIQUES SATURES/NON SATURES BIODEGRADABLES
[72] BASTIOLI, CATIA, IT
[72] MILIZIA, TIZIANA, IT
[71] NOVAMONT S.P.A., IT
[85] 2004-10-07
[86] 2003-04-22 (PCT/EP2003/004196)
[87] 2003-10-30 (WO2003/089493)
[30] IT (MI2002A000866) 2002-04-22

[21] **2,481,847**
[13] A1

[51] **Int.Cl. 7E21B 43/25 7E21B 7/28**
[25] EN
[54] **METHODS FOR INCREASING PRODUCTION FROM A WELLBORE**
[54] **PROCEDES D'AUGMENTATION DE LA PRODUCTION D'UN Puits**
[72] PIA, GIANCARLO T., GB
[71] WEATHERFORD/LAMB, INC., US
[85] 2004-10-07
[86] 2003-02-06 (PCT/US2003/003660)
[87] 2003-10-30 (WO2003/089756)
[30] US (10/127,325) 2002-04-22

[21] **2,481,848**
[13] A1

[51] **Int.Cl. 7C07D 495/04 7A61K 31/435**
[25] EN
[54] **SALT OF A SULFONIC ACID CONTAINING CLOPIDOGREL AND USE THEREOF FOR THE PRODUCTION OF PHARMACEUTICAL FORMULATIONS**
[54] **SEL D'UN ACIDE SULFONIQUE COMPRENANT DU CLOPIDOGREL ET SON UTILISATION POUR PRODUIRE DES FORMULATIONS PHARMACEUTIQUES**
[72] DOSER, KARLHEINZ, DE
[72] GLANZER, KLAUS, DE
[71] HELM AG, DE
[85] 2004-10-07
[86] 2004-02-13 (PCT/EP2004/001370)
[87] 2004-08-26 (WO2004/072085)
[30] DE (103 05 984.9) 2003-02-13

[21] **2,481,849**
[13] A1

[51] **Int.Cl. 7E05B 65/02 7E05B 65/06 7E05B 65/12 7E05B 65/18**
[25] EN
[54] **BAR LOCK ASSEMBLY**
[54] **ENSEMBLE BARRE DE SECURITE**
[72] SENN, BRIAN A., US
[71] MINER ENTERPRISES, INC., US
[85] 2004-10-07
[86] 2004-02-04 (PCT/US2004/003328)
[87] 2004-08-26 (WO2004/072422)
[30] US (10/364,132) 2003-02-11

[21] **2,481,850**
[13] A1

[51] **Int.Cl. 7C07D 495/04 7A61K 31/38**
[25] EN
[54] **1- OR 3-THIA-BENZONAPHTHOAZULENES AS INHIBITORS OF TUMOUR NECROSIS FACTOR PRODUCTION AND INTERMEDIATES FOR THE PREPARATION THEREOF**
[54] **1- OU 3-THIA-BENZONAPHTHOAZULENES UTILISES COMME INHIBITEURS DE PRODUCTION DU FACTEUR DE NECROSE ET INTERMEDIAIRES DESTINES A LA PREPARATION DE CEUX-CI**
[72] OZIMEC, IVANA, HR
[72] PESIC, DIJANA, HR
[72] MESIC, MILAN, HR
[72] MERCEP, MLADEN, HR
[72] TROJKO, RUDOLF, HR
[71] PLIVA-ISTRAZIVACKI INSTITUT D.D.O., HR
[85] 2004-10-07
[86] 2003-04-09 (PCT/HR2003/000014)
[87] 2003-10-16 (WO2003/084961)
[30] HR (P020303A) 2002-04-10

[21] **2,481,851**
[13] A1

[51] **Int.Cl. 7C12Q 1/60 7C12Q 1/26 7C12Q 1/44 7G01N 33/92**
[25] EN
[54] **METHOD OF QUANTIFYING CHOLESTEROL IN HIGH DENSITY LIPOPROTEIN AND REAGENT COMPOSITIONS**
[54] **PROCEDE DE QUANTIFICATION DE CHOLESTEROL DANS DES LIPOPROTEINES DE HAUTE DENSITE ET COMPOSITIONS DE REACTIFS**
[72] OHTA, MOTOKO, JP
[72] MATSUI, HIROSHI, JP
[71] DENKA SEIKEN CO., LTD., JP
[85] 2004-10-07
[86] 2003-01-30 (PCT/JP2003/000867)
[87] 2003-08-07 (WO2003/064684)
[30] JP (2002-022587) 2002-01-30

[21] **2,481,855**
[13] A1

[51] **Int.Cl. 7C07D 401/14 7C07D 221/00 7C07D 235/00 7A61P 43/00 7C07D 471/04 7C07D 401/12 7C07D 409/12 7C07D 409/14 7A61K 31/395**
[25] EN
[54] **NOVEL HETEROARYL ALKYLAMIDE DERIVATIVES USEFUL AS BRADYKININ RECEPTOR MODULATORS**
[54] **NOUVEAUX DERIVES HETEROARYLALKYLAMIDE UTILES EN TANT QUE MODULATEURS DU RECEPTEUR DE LA BRADYKININE**
[72] JETTER, MICHELE C., US
[72] LEE, JUNG S., US
[72] CARSON, JOHN R., US
[72] YOUNGMAN, MARK A., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2004-10-07
[86] 2003-03-31 (PCT/US2003/009974)
[87] 2003-10-23 (WO2003/087090)
[30] US (60/371,350) 2002-04-10

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[21] **2,481,860**
[13] A1

[51] **Int.Cl. 7E21B 33/138 7E21B 43/26 7E21B 43/32**
[25] EN
[54] **METHOD TO FORM A BARRIER IN A RESERVOIR WITH A MAGNETORHEOLOGICAL FLUID**
[54] **PROCEDE D'EXTRACTION DE PETROLE**
[72] ZITHA, PACELLI LIDIO JOSE, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 2004-10-07
[86] 2003-04-10 (PCT/NL2003/000275)
[87] 2003-10-23 (WO2003/087531)
[30] NL (1020354) 2002-04-10

[21] **2,481,863**
[13] A1

[51] **Int.Cl. 7E21B 21/00 7E21B 33/138**
[25] EN
[54] **METHOD OF DRILLING WITH MAGNETORHEOLOGICAL FLUID**
[54] **PROCEDE DE FORAGE D'UN TROU DE FORAGE**
[72] ZITHA, PACELLI LIDIO JOSE, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 2004-10-07
[86] 2003-04-10 (PCT/NL2003/000276)
[87] 2003-10-23 (WO2003/087529)
[30] NL (1020355) 2002-04-10

[21] **2,481,867**
[13] A1

[51] **Int.Cl. 7C02F 1/24 7A01C 3/00 7C05F 3/06**
[25] EN
[54] **METHODS AND APPARATUS FOR TREATING ANIMAL MANURE**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT D'ENGRAIS ANIMAL**
[72] BLAIS, JEAN-FRANCOIS, CA
[72] MERCIER, GUY, CA
[72] LEBLANC, DANIELLE, CA
[72] CHARTIER, MYRIAM, CA
[72] BELANGER, GENEVIEVE, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[85] 2004-10-06
[86] 2003-04-08 (PCT/CA2003/000535)
[87] 2003-10-23 (WO2003/086977)
[30] CA (2,380,797) 2002-04-09

[21] **2,481,869**
[13] A1

[51] **Int.Cl. 7G01F 1/34 7G01F 1/42**
[25] EN
[54] **AVERAGING ORIFICE PRIMARY FLOW ELEMENT**
[54] **ELEMENT D'ECOULEMENT PRINCIPAL A ORIFICE MOYENNEUR**
[72] ORLESKIE, CHARLES THEODORE, US
[72] BEACHEY, TERRY XEN, US
[71] DIETERICH STANDARD, INC., US
[85] 2004-10-07
[86] 2003-02-21 (PCT/US2003/005464)
[87] 2003-10-23 (WO2003/087734)
[30] US (10/119,283) 2002-04-09

[21] **2,481,871**
[13] A1

[51] **Int.Cl. 7A24B 15/10**
[25] EN
[54] **USE OF OXYHYDROXIDE COMPOUNDS FOR REDUCING CARBON MONOXIDE IN THE MAINSTREAM SMOKE OF A CIGARETTE**
[54] **UTILISATION DE COMPOSES D'OXYHYDROXYDE POUR LA REDUCTION DU MONOXYDE DE CARBONE DANS LA FUMEE PRINCIPALE D'UNE CIGARETTE**
[72] HAJALIGOL, MOHAMMAD, US
[72] LI, PING, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2004-10-08
[86] 2003-02-06 (PCT/US2003/003456)
[87] 2003-10-23 (WO2003/086112)
[30] US (10/117,220) 2002-04-08

[21] **2,481,872**
[13] A1

[51] **Int.Cl. 7H04M 11/00 7G07F 19/00 7H04Q 7/32**
[25] EN
[54] **SYSTEM TO ENABLE A TELECOM OPERATOR PROVIDE FINANCIAL TRANSACTIONS SERVICES AND METHODS FOR IMPLEMENTING SUCH TRANSACTIONS**
[54] **SYSTEME PERMETTANT A UN OPERATEUR DE TELECOMMUNICATION DE FOURNIR DES SERVICES DE TRANSACTIONS FINANCIERES ET PROCEDES DE MISE EN OEUVRE DE CES TRANSACTIONS**
[72] BARTHELEMY, SERGE, CN
[71] PAYCOOL INTERNATIONAL LIMITED, CN
[85] 2004-10-06
[86] 2002-04-28 (PCT/CN2002/000301)
[87] 2003-11-13 (WO2003/094491)

[21] **2,481,874**
[13] A1

[51] **Int.Cl. 7B41F 13/00 7F16M 7/00**
[25] EN
[54] **DEVICE FOR POSITIONING FURTHER PROCESSING DEVICES ON PRINTING MACHINES**
[54] **SYSTEME DE POSITIONNEMENT DE MACHINES DE POST-TRAITEMENT SUR DES MACHINES D'IMPRESSION**
[72] SAUPE, DIETER, DE
[71] MAN ROLAND DRUCKMASCHINEN AG, DE
[85] 2004-10-06
[86] 2003-04-02 (PCT/EP2003/003423)
[87] 2003-10-16 (WO2003/084752)
[30] DE (102 15 611.5) 2002-04-09

[21] **2,481,876**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61M 15/00 7A61K 31/46**
[25] EN
[54] **INHALATION KIT COMPRISING INHALABLE POWDER OF TIOTROPIUM**
[54] **ENSEMBLE D'INHALATION COMPRENANT DE LA POUDRE DE TIOTROPIUM A INHALER**
[72] ZIERENBERG, BERND, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-10-06
[86] 2003-04-02 (PCT/EP2003/003431)
[87] 2003-10-16 (WO2003/084502)
[30] EP (02007868.9) 2002-04-09

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[21] **2,481,877**
[13] A1
[51] **Int.Cl. 7B41F 31/30**
[25] EN
[54] **INKING DEVICE FOR PRINTING UNITS OF ROTARY PRINTING MACHINES**
[54] **DISPOSITIF D'ENCRAGE POUR ELEMENTS D'IMPRESSION DE MACHINES A IMPRIMER ROTATIVES**
[72] BACHMEIR, XAVER, DE
[72] KONRAD, ROBERT, DE
[72] LESTI, HARALD, DE
[71] MAN ROLAND DRUCKMASCHINEN AG, DE
[85] 2004-10-06
[86] 2003-04-05 (PCT/EP2003/003564)
[87] 2003-10-16 (WO2003/084755)
[30] DE (102 15 615.8) 2002-04-09

[21] **2,481,878**
[13] A1
[51] **Int.Cl. 7A47C 19/02**
[25] EN
[54] **CASSETTE BEDDING SYSTEM**
[54] **SYSTEME DE LITERIE CASSETTE**
[72] KUCHEL, BERNHARD W., US
[72] DAMEWOOD, KEVIN, US
[72] DEFRANKS, MICHAEL S., US
[72] EITEL, CHARLES, US
[72] HELLYER, ROBERT, US
[71] DREAMWELL, LTD., US
[85] 2004-10-12
[86] 2003-04-14 (PCT/US2003/011597)
[87] 2003-10-23 (WO2003/086151)
[30] US (60/371,969) 2002-04-12

[21] **2,481,879**
[13] A1
[51] **Int.Cl. 7C07D 295/18 7A61P 29/00 7C07D 207/16 7C07D 241/24 7A61K 31/40 7A61K 31/44 7A61K 31/535 7C07D 211/60**
[25] EN
[54] **HYDROXAMIC ACID DERIVATIVES**
[54] **DERIVES DE L'ACIDE HYDROXAMIQUE**
[72] NEUMANN, ULF, CH
[72] JANSER, PHILIPP, CH
[72] MILTZ, WOLFGANG, CH
[71] NOVARTIS AG, CH
[85] 2004-10-06
[86] 2003-04-08 (PCT/EP2003/003644)
[87] 2003-10-16 (WO2003/084941)
[30] GB (0208176.8) 2002-04-09

[21] **2,481,881**
[13] A1
[51] **Int.Cl. 7B41F 35/00**
[25] EN
[54] **WASHING AND CLEANING DEVICE FOR CYLINDERS, ESPECIALLY PRINTING FORM CYLINDERS AND OFFSET BLANKET CYLINDERS IN A PRINTING MACHINE, COMPRISING A TIMING MECHANISM FOR A CONTINUOUS CLEANING CLOTH**
[54] **DISPOSITIF DE PURGE ET DE NETTOYAGE POUR CYLINDRE, NOTAMMENT POUR CYLINDRE DE FORME D'IMPRESSION ET CYLINDRE DE BLANCHET D'UNE MACHINE A IMPRIMER, COMPRENANT UN SYSTEME D'ENTRAINEMENT CADENCE POUR DRAP DE NETTOYAGE CONTINU**
[72] RUSCHKOWSKI, JOHANNES, DE
[71] MAN ROLAND DRUCKMASCHINEN AG, DE
[85] 2004-10-06
[86] 2003-04-09 (PCT/EP2003/003653)
[87] 2003-10-16 (WO2003/084756)
[30] DE (102 16 058.9) 2002-04-11

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[51] **Int.Cl. 7F23Q 7/00**
[25] EN
[54] **ELECTRIC CIGAR LIGHTER ASSEMBLY**
[54] **ENSEMBLE ALLUME-CIGARE ELECTRIQUE**
[72] MATTIS, DONALD, US
[71] CASCO PRODUCTS CORPORATION, US
[85] 2004-10-07
[86] 2003-02-14 (PCT/US2003/004529)
[87] 2003-11-20 (WO2003/095898)
[30] US (10/140,588) 2002-05-07

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[51] **Int.Cl. 7C07D 209/48 7C07D 401/06 7C07D 403/06 7C07D 491/08 7A61K 31/4035 7A61K 31/496**
[25] EN
[54] **ALPHA, OMEGA-DICARBOXIMIDE DERIVATIVES AS USEFUL URO-SELECTIVE A1A ADRENOCEPTOR BLOCKERS**
[54] **DERIVES D'ALPHA, OMEGA-DICARBOXIMIDE UTILES EN TANT QU'INHIBITEURS UROSELECTIFS DE L'ADRENO-RECEPTEUR A1A**
[72] YADAV, GYAN CHAND, IN
[72] SALMAN, MOHAMMAD, IN
[72] CHUGH, ANITA, IN
[72] KAPKOTI, GOBIND SINGH, IN
[72] SHARMA, SOMESH, IN
[72] ANAND, NITYA, IN
[72] GUPTA, JANG BAHADUR, IN
[71] RANBAXY LABORATORIES LIMITED, IN
[85] 2004-10-06
[86] 2002-04-08 (PCT/IB2002/001113)
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[13] A1
[51] **Int.Cl. 7C10L 1/30 7C10L 1/22**
[25] EN
[54] **CATALYTIC METAL ADDITIVE CONCENTRATE AND METHOD OF MAKING AND USING**
[54] **CONCENTRE D'ADDITIF METALLIQUE CATALYTIQUE ET SON PROCEDE DE FABRICATION ET D'UTILISATION**
[72] VALENTINE, JAMES, US
[72] SPRAGUE, BARRY, US
[71] CLEAN DIESEL TECHNOLOGIES, INC., US
[85] 2004-10-07
[86] 2003-03-21 (PCT/US2003/008687)
[87] 2003-10-09 (WO2003/083017)
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[25] EN
[54] **SYNERGISTIC INTERACTION OF ABACAVIR AND ALOVUDINE**
[54] **INTERACTION SYNERGIQUE D'ABACAVIR ET D'ALOVUDINE**
[72] MARDH, GOERAN, SE
[71] MEDIVIR AB, SE
[85] 2004-10-07
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[87] 2004-01-08 (WO2004/002433)
[30] SE (0202022-0) 2002-06-27
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[13] A1

[51] **Int.Cl. 7C12P 7/64 7A23L 1/054 7C11C 3/14**
[25] EN
[54] **PROCESS FOR PRODUCING CONJUGATED FATTY ACID AND FOOD/DRINK OBTAINED BY THE PROCESS**
[54] **PROCEDE DE PRODUCTION D'ACIDE GRAS CONJUGUE ET ALIMENT /BOISSON OBTENUS GRACE A CE PROCEDE**
[72] SHIRASAWA, YUKIO, JP
[72] MIZUSAWA, NAOMI, JP
[72] SAKAI, MASASHI, JP
[72] KUDO, SATOSHI, JP
[71] KABUSHIKI KAISHA YAKULT HONSHA, JP
[85] 2004-10-08
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[87] 2003-10-23 (WO2003/087385)
[30] JP (2002-110773) 2002-04-12
[30] JP (2002-301286) 2002-10-16

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[13] A1

[51] **Int.Cl. 7C12Q 1/48**
[25] EN
[54] **METHODS AND REAGENTS FOR ASSAYING PROTEIN KINASE ACTIVITY**
[54] **METHODES ET REACTIFS POUR DOSER L'ACTIVITE D'UNE PROTEINE KINASE**
[72] ARMSTRONG, CHRIS, GB
[72] COHEN, PHILIP, GB
[71] UNIVERSITY OF DUNDEE, GB
[85] 2004-10-08
[86] 2003-03-26 (PCT/GB2003/001286)
[87] 2003-10-23 (WO2003/087400)
[30] GB (0208104.0) 2002-04-09

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[13] A1

[51] **Int.Cl. 7B65D 85/57 7B65D 55/02**
[25] EN
[54] **MULTI-FUNCTIONAL COMPACT WITH STORAGE RECEPTACLES**
[54] **CONTENANT COMPACT MULTIFONCTIONNEL COMPRENANT DES RECEPTACLES DE STOCKAGE**
[72] HUNG, MICHELLE M, US
[72] GELARDI, JOHN A, US
[71] MEADWESTVACO CORPORATION, US
[85] 2004-10-07
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[13] A1

[51] **Int.Cl. 7G01N 11/00 7A61B 10/00**
[25] EN
[54] **VISCOSITY AND VISCOELASTICITY MEASURING INSTRUMENT**
[54] **INSTRUMENT DE MESURE DE VISCOSITE ET DE VISCOELASTICITE**
[72] MURRAY, PAUL D., US
[72] KENIG, ALFREDO O., US
[72] PORAT, DAVID, US
[71] BOSTON RHEOLOGY LLC, US
[85] 2004-10-07
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[87] 2003-10-23 (WO2003/087781)
[30] US (10/120,202) 2002-04-10

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[13] A1

[51] **Int.Cl. 7G06F 11/00 7H04M 1/00 7H04B 7/204 7G01R 31/28 7H04B 1/38**
[25] EN
[54] **SYSTEM AND METHOD FOR SELECTING RELIABLE LINKS BETWEEN NODES IN AN AD-HOC COMMUNICATION NETWORK**
[54] **SYSTEME ET PROCEDE DE SELECTION DE LIAISONS FIABLES ENTRE DES NOEUDS DANS UN RESEAU DE COMMUNICATION AD HOC**
[72] WHITE, ERIC D., US
[72] SCHMIDT, JEFFREY C., US
[71] MESHNETWORKS, INC., US
[85] 2004-10-07
[86] 2003-04-15 (PCT/US2003/011503)
[87] 2003-10-30 (WO2003/090083)
[30] US (10/122,376) 2002-04-16

[21] **2,481,902**
[13] A1

[51] **Int.Cl. 7H04N 7/12**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING ERROR IN A DIGITAL IMAGE**
[54] **APPAREIL ET PROCEDE PERMETTANT DE DETECTER DES ERREURS DANS UNE IMAGE NUMERIQUE**
[72] RATZEL, JOHN, US
[72] IRVINE, ANN C., US
[72] GOVINDASWAMY, SENTHIL, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-10-07
[86] 2003-04-09 (PCT/US2003/011072)
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[30] US (60/371,695) 2002-04-09
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[21] **2,481,904**
[13] A1

[51] **Int.Cl. 7A47G 1/17**
[25] EN
[54] **SMOKE ALARM AND MOUNTING KIT**
[54] **DETECTEUR DE FUMEE ET KIT DE MONTAGE**
[72] MCGREAL, TIMOTHY, R., US
[72] MCGREAL, MARILYN L., US
[72] MCGREAL, LAURA L., US
[71] MCGREAL, TIMOTHY, R., US
[71] MCGREAL, MARILYN L., US
[71] MCGREAL, LAURA L., US
[85] 2004-10-07
[86] 2003-04-11 (PCT/US2003/011251)
[87] 2003-10-23 (WO2003/088167)
[30] US (60/371,780) 2002-04-11

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[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **MUTATION DETECTION AND IDENTIFICATION**
[54] **DETECTION ET RECONNAISSANCE DE MUTATIONS**
[72] SORENSON, JON M., US
[71] APPLERA CORPORATION, US
[85] 2004-10-08
[86] 2003-03-28 (PCT/US2003/009548)
[87] 2003-10-23 (WO2003/087412)
[30] US (60/371,641) 2002-04-10
[30] US (10/293,960) 2002-11-13

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[13] A1

[51] **Int.Cl. 7G01V 1/28**
[25] EN
[54] **METHOD FOR MORPHOLOGIC ANALYSIS OF SEISMIC OBJECTS**
[54] **PROCEDE D'ANALYSE MORPHOLOGIQUE D'OBJETS SISMQUES**
[72] DUNN, PAUL A., US
[72] CZERNUSZENKO, MAREK K., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2004-10-07
[86] 2003-03-25 (PCT/US2003/009107)
[87] 2003-11-06 (WO2003/091751)
[30] US (60/372,076) 2002-04-12

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[13] A1

[51] **Int.Cl. 7C07C 401/00 7C07F 7/18 7C07C 31/27 7C07C 309/72 7C07D 277/74 7C07D 277/76**
[25] EN
[54] **PREPARATION OF 24 ALKYL ANALOGS OF CHOLECALCIFEROL AND NON-RACEMIC COMPOUNDS**
[54] **PREPARATION D'ANALOGUES ALKYL-24 DE CHOLECALCIFEROL ET DE COMPOSES NON RACEMIQUES**
[72] KRUPA, MALGORZATA, PL
[72] MARTYNOW, JACEK, PL
[72] SZELEJEWSKI, WIESLAW, PL
[72] CHODYNSKI, MICHAL, PL
[72] KUTNER, ANDRZEJ, PL
[72] FITAK, HANNA, PL
[71] INSTYTUT FARMACEUTYCZNY, PL
[85] 2004-10-07
[86] 2003-04-10 (PCT/PL2003/000037)
[87] 2003-10-23 (WO2003/087048)
[30] PL (P.353328) 2002-04-11
[30] PL (P.353832) 2002-05-12

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[13] A1

[51] **Int.Cl. 7H01M 8/02 7H01M 8/24**
[25] EN
[54] **MEMBRANE ELECTROCHEMICAL GENERATOR CONTAINING A BIPOLAR PLATE WITH A PLURALITY OF HOLES TO DISTRIBUTE THE GASES**
[54] **GENERATEUR ELECTROCHIMIQUE MEMBRANAIRE**
[72] FACCHI, DANIELE, IT
[72] TRIFONI, EDUARDO, IT
[72] TORO, ANTONINO, IT
[72] MERLO, LUCA, IT
[72] LENARDON, MATTEO, IT
[72] BINELLI, PAOLO, IT
[71] NUVERA FUEL CELLS EUROPE S.R.L., IT
[85] 2004-10-07
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[87] 2003-11-06 (WO2003/092091)
[30] IT (MI2002A000869) 2002-04-23

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[13] A1

[51] **Int.Cl. 7E21B 43/10 7E21B 43/08**
[25] EN
[54] **APPARATUS AND METHOD FOR TREATING THE BOREHOLE WALL AND EXPANDING A SCREEN**
[54] **APPAREIL ET PROCEDE POUR TRAITER UNE PAROI DE TROU DE FORAGE ET POUR DEPLOYER UN TAMIS**
[72] GABRYSCH, ALLEN D., US
[72] TRIPLETT, WILLIAM N., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-10-07
[86] 2003-04-04 (PCT/US2003/010330)
[87] 2003-10-23 (WO2003/087533)
[30] US (10/118,841) 2002-04-09

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[13] A1

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[25] EN
[54] **FUEL FILLER HOSE**
[54] **TUYAU DE REMPLISSAGE DE CARBURANT**
[72] FAUBLE, MICHAEL K., US
[71] AVON PROPERTY MANAGEMENT CO., US
[85] 2004-10-07
[86] 2003-04-10 (PCT/US2003/011130)
[87] 2003-10-23 (WO2003/086756)
[30] US (60/371,800) 2002-04-11

[21] **2,481,916**
[13] A1

[51] **Int.Cl. 7A61K 31/426 7A61P 1/00 7C07D 277/56**
[25] EN
[54] **THERAPEUTIC AGENT FOR FOOD COMPETENCE DISORDER IN STOMACH**
[54] **AGENT THERAPEUTIQUE TRAITANT LES TROUBLES STOMACAUX DE COMPETENCE ALIMENTAIRE**
[72] KAWACHI, MASANAO, JP
[72] KOBAYASHI, SHIRO, JP
[72] KATO, HIROKI, JP
[72] MATSUNAGA, YUGO, JP
[72] HIGASHINO, RAITA, JP
[72] UEKI, SHIGERU, JP
[71] ZERIA PHARMACEUTICAL CO., LTD., JP
[85] 2004-10-06
[86] 2003-04-08 (PCT/JP2003/004445)
[87] 2003-10-16 (WO2003/084537)
[30] JP (2002-104894) 2002-04-08

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[13] A1

[51] **Int.Cl. 7E05B 27/10**
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[54] **A DISCRIMINATING MECHANISM FOR A PIN TUMBLER LOCK**
[54] **MECANISME SELECTIF POUR SERRURE A BARILLET**
[72] EDWARDS, BILLY B., JR., US
[71] MASTER LOCK COMPANY, US
[85] 2004-10-07
[86] 2003-04-08 (PCT/US2003/010620)
[87] 2003-10-23 (WO2003/087502)
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[30] US (60/399,231) 2002-07-29

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[13] A1

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[25] EN
[54] **EXTENDED RANGE EMF ANTENNA**
[54] **ANTENNE EMF GRANDE PORTEE**
[72] RADZINSKI, PAUL E., US
[71] COMPUTALOG USA, INC., US
[85] 2004-10-07
[86] 2003-04-16 (PCT/US2003/011657)
[87] 2003-10-30 (WO2003/090311)
[30] US (60/372,863) 2002-04-16

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[13] A1

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[25] EN
[54] **ANTIBODIES THAT BIND TO INTEGRIN ALPHA-V-BETA-6 AND METHODS OF USE THEREOF**
[54] **ANTICORPS SE LIANT A L'INTEGRINE ALPHA-V-BETA-6 ET LEURS METHODES D'UTILISATION**
[72] MATHER, JENNIE P., US
[72] PAN, ZHUANGYU, US
[72] LI, RONG-HAO, US
[71] RAVEN BIOTECHNOLOGIES, INC., US
[85] 2004-10-07
[86] 2003-04-14 (PCT/US2003/011621)
[87] 2003-10-23 (WO2003/087340)
[30] US (60/372,277) 2002-04-12
[30] US (60/373,274) 2002-04-16

[21] **2,481,924**
[13] A1

[51] **Int.Cl. 7F16K 31/12**
[25] EN
[54] **TOILET FLUSHERS FOR WATER TANKS WITH NOVEL VALVES AND DISPENSERS**
[54] **DISPOSITIFS DE CHASSE D'EAU POUR RESERVOIRS A SOUPAPES ET DISTRIBUTEURS NOUVEAUX**
[72] HADLEY, DAVID, US
[72] PARSONS, NATHAN E., US
[72] MO, XIAOXIONG, US
[72] HERBERT, KAY, US
[72] GULER, FATIH, US
[71] ARICHELL TECHNOLOGIES, INC., US
[85] 2004-10-07
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[87] 2003-10-23 (WO2003/087641)
[30] US (60/371,655) 2002-04-10
[30] US (10/174,919) 2002-06-19
[30] US (PCT/US02/38758) 2002-12-04
[30] US (PCT/US02/41576) 2002-12-26

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[13] A1

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[25] EN
[54] **THERAPEUTIC AGENT FOR PATIENTS HAVING HUMAN FC.GAMMA.RIIIA**
[54] **AGENT THERAPEUTIQUE POUR LES PATIENTS ATTEINTS DU FC.GAMMA.RIIIA HUMAIN**
[72] NAKAMURA, KAZUYASU, JP
[72] SHITARA, KENYA, JP
[72] NIWA, RINPEI, JP
[72] HATANAKA, SHIGEKI, JP
[72] OKAZAKI, AKIRA, JP
[71] KYOWA HAKKO KOGYO CO. LTD., JP
[85] 2004-10-06
[86] 2003-04-09 (PCT/JP2003/004505)
[87] 2003-10-16 (WO2003/084570)
[30] JP (2002-106951) 2002-04-09

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[13] A1

[51] **Int.Cl. 7C07D 401/10 7A61P 29/00 7A61P 19/02**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS WHICH INHIBIT LEUKOCYTE ADHESION MEDIATED BY .ALPHA.4 INTEGRINS**
[54] **COMPOSES HETEROCYCLIQUES INHIBITEURS DE L'ADHESION LEUCOCYTAIRE PROVOQUEE PAR DES INTEGRINES .ALPHA.4**
[72] XU, YING-ZI, US
[72] STAPPENBECK, FRANK, US
[72] THORSETT, EUGENE D., US
[72] STUPI, BRIAN P., US
[72] SMITH, JENIFER, US
[72] SEMKO, CHRISTOPHER M., US
[72] KONRADI, ANDREI W., US
[72] PLEISS, MICHAEL A., US
[71] ELAN PHARMACEUTICALS, INC., US
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[87] 2003-12-04 (WO2003/099809)
[30] US (60/383,020) 2002-05-24

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[13] A1

[51] **Int.Cl. 7H05H 3/04**
[25] EN
[54] **APPARATUS AND METHOD TO GENERATE AND CONTROL OPTICAL TRAPS TO MANIPULATE SMALL PARTICLES**
[54] **DISPOSITIF ET PROCEDE DESTINES A PRODUIRE ET COMMANDER DES PIEGES OPTIQUES POUR LA MANIPULATION DE PETITES PARTICULES**
[72] GRIER, DAVID, US
[72] LOPES, WARD, US
[71] ARRYX, INC., US
[85] 2004-10-08
[86] 2003-04-10 (PCT/US2003/010936)
[87] 2003-10-23 (WO2003/088723)
[30] US (10/120,748) 2002-04-10

[21] **2,481,930**
[13] A1

[51] **Int.Cl. 7B30B 9/14**
[25] EN
[54] **SCREW COMPRESSOR FOR COMPRESSING WET MATTER AND A METHOD FOR COMPRESSING AND WASHING**
[54] **COMPRESSEUR A VIS SERVANT A COMPRIMER UNE MATIERE HUMIDE ET PROCEDE DE COMPRESSION ET DE LAVAGE**
[72] BOERJESSON, LENNART, SE
[72] ERIKSSON, ROLAND, SE
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2004-10-06
[86] 2003-04-17 (PCT/SE2003/000619)
[87] 2003-10-23 (WO2003/086739)
[30] SE (0201184-9) 2002-04-18

[21] **2,481,936**
[13] A1

[51] **Int.Cl. 7A23J 1/14 7A23J 3/14**
[25] EN
[54] **CANOLA PROTEIN ISOLATE COMPOSITIONS**
[54] **COMPOSITIONS D'UN ISOLAT DE PROTEINES DE CANOLA**
[72] MILANOVA, RADKA K., CA
[72] LOGIE, JAMES, CA
[71] BURCON NUTRASCIENCE (MB) CORP., CA
[85] 2004-10-08
[86] 2003-04-15 (PCT/CA2003/000557)
[87] 2003-10-30 (WO2003/088760)
[30] US (60/372,165) 2002-04-15
[30] US (60/430,687) 2002-12-04

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[13] A1
[51] **Int.Cl. 7C11D 1/645 7C11D 1/835**
[25] EN
[54] **WATER REMOVAL FROM A SURFACE WITHOUT USE OF HYDROCARBON**
[54] **ELIMINATION DE L'EAU D'UNE SURFACE SANS UTILISER D'HYDROCARBURE**
[72] KLOS, TERRY J., US
[72] HOYT, JERRY D., US
[72] BESSE, MICHAEL E., US
[72] HEI, ROBERT D. P., US
[71] ECOLAB INC., US
[85] 2004-10-06
[86] 2003-04-07 (PCT/US2003/010574)
[87] 2003-10-23 (WO2003/087280)
[30] US (10/121,175) 2002-04-11

[21] **2,481,940**
[13] A1
[51] **Int.Cl. 7A61K 31/4545 7C07D 471/04 7A61P 37/08 7C07D 401/14 7A61K 31/4184**
[25] EN
[54] **(1-4-PIPERIDINYL) BENZIMIDAZOLE DERIVATIVES USEFUL AS HISTAMINE H3 ANTAGONISTS**
[54] **DERIVES DE (1-4-PIPERIDINYL) BENZIMIDAZOLE SERVANT D'ANTAGONISTES DES RECEPTEURS H3 DE L'HISTAMINE**
[72] MC CORMICK, KEVIN D., US
[72] MANGIARACINA, PIETRO, US
[72] TOM, WING C., US
[72] MUTAHI, MWANGI W., US
[72] SOLOMON, DANIEL M., US
[72] SHIH, NENG-YANG, US
[72] ASLANIAN, ROBERT G., US
[72] ZENG, QINGBEI, US
[72] ROSENBLUM, STUART B., US
[72] CAO, JIANHUA, US
[72] BERLIN, MICHAEL Y., US
[72] BOYCE, CHRISTOPHER W., US
[72] KOZLOWSKI, JOSEPH A., US
[71] SCHERING CORPORATION, US
[85] 2004-10-13
[86] 2003-04-16 (PCT/US2003/011672)
[87] 2003-10-30 (WO2003/088967)
[30] US (60/373,731) 2002-04-18

[21] **2,481,941**
[13] A1
[51] **Int.Cl. 7C12Q 1/28**
[25] EN
[54] **SYSTEMIC MARKER FOR MONITORING ANTI-INFLAMMATORY AND ANTIOXIDANT ACTIONS OF THERAPEUTIC AGENTS**
[54] **MARQUEUR SYSTEMIQUE POUR CONTROLER DES MECANISMES ANTI-INFLAMMATOIRES ET ANTIOXYDANTS D'AGENTS THERAPEUTIQUES**
[72] HAZEN, STANLEY L., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2004-10-08
[86] 2003-04-17 (PCT/US2003/011934)
[87] 2003-10-30 (WO2003/088814)
[30] US (60/373,113) 2002-04-17

[21] **2,481,942**
[13] A1
[51] **Int.Cl. 7A61L 9/00 7F27D 11/00 7A24F 25/00 7F24F 7/00 7H05B 1/02 7B01F 3/02 7A62B 7/08**
[25] EN
[54] **AUTOMATICALLY CONTROLLING THE INTERACTION OF A MEDIUM WITH AN EXTERNAL ENVIRONMENT**
[54] **CONTROLE AUTOMATIQUE DE L'INTERACTION D'UN MILIEU AVEC UN ENVIRONNEMENT EXTERNE**
[72] ELLIS, EARLE R., US
[71] E.R. ELLIS AND ASSOCIATES, INC., US
[85] 2004-10-06
[86] 2003-04-07 (PCT/US2003/010579)
[87] 2003-10-23 (WO2003/086483)
[30] US (60/370,794) 2002-04-08

[21] **2,481,943**
[13] A1
[51] **Int.Cl. 7A61B 17/072 7A61B 17/00 7A61B 17/115**
[25] EN
[54] **SURGICAL STAPLER AND METHOD**
[54] **AGRAFEUSE CHIRURGICALE ET PROCEDE ASSOCIE**
[72] HEINRICH, RUSSELL, US
[71] TYCO HEALTHCARE GROUP, LP, US
[85] 2004-10-08
[86] 2003-04-16 (PCT/US2003/011778)
[87] 2003-10-30 (WO2003/088845)
[30] US (60/373,224) 2002-04-16

[21] **2,481,945**
[13] A1
[51] **Int.Cl. 7C09D 11/06 7B41N 3/08**
[25] EN
[54] **SELF-DAMPENING INK COMPOSITIONS AND METHOD FOR LITHOGRAPHIC PRINTING USING THE SAME**
[54] **COMPOSITIONS D'ENCRE AUTO-HUMIDIFIANTES ET PROCEDE D'IMPRESSION LITHOGRAPHIQUE UTILISANT CES COMPOSITIONS**
[72] DURAND, RICHARD R., JR., US
[72] WASILEWSKI, OLGIERD, US
[72] LEE, CHRISTIAN JOHN, US
[71] SUN CHEMICAL CORPORATION, US
[85] 2004-10-06
[86] 2003-04-08 (PCT/US2003/010924)
[87] 2003-10-23 (WO2003/087240)
[30] US (10/117,910) 2002-04-08

[21] **2,481,946**
[13] A1
[51] **Int.Cl. 7F25B 39/04**
[25] EN
[54] **REFRIGERATED MERCHANDISER WITH FOUL-RESISTANT CONDENSER**
[54] **PRESENTOIR REFRIGERE COMPRENANT UN CONDENSATEUR RESISTANT A L'ENCRASSEMENT**
[72] ROBERTS, TIMOTHY J., US
[72] DADDIS, EUGENE DUANE JR., US
[72] UPTON, RONALD D., US
[72] BRANCHEAU, HARRY A., US
[72] REESE, ROBERT J., US
[71] CARRIER COMMERCIAL REFRIGERATION, INC., US
[85] 2004-10-06
[86] 2003-04-23 (PCT/US2003/012468)
[87] 2003-11-13 (WO2003/093738)
[30] US (60/376,486) 2002-04-30

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[21] **2,481,947**
[13] A1

[51] **Int.Cl. 7A61N 1/05**
[25] EN
[54] **IMPLANTABLE MEDICAL DEVICE CONDUCTOR INSULATION AND PROCESS FOR FORMING**
[54] **ISOLATION DE CONDUCTEUR DE DISPOSITIF MEDICAL IMPLANTABLE ET SON PROCEDE DE FORMATION**
[72] HONECK, JORDON D., US
[72] RIES, RICHARD D., US
[72] MEREGOTTE, PEDRO A., US
[72] EBERT, MICHAEL J., US
[72] SOMMER, JOHN L., US
[71] MEDTRONIC, INC., US
[85] 2004-10-08
[86] 2003-04-10 (PCT/US2003/011069)
[87] 2003-10-30 (WO2003/089045)
[30] US (60/371,995) 2002-04-11

[21] **2,481,948**
[13] A1

[51] **Int.Cl. 7B65D 33/25 7A44B 19/16**
[25] EN
[54] **RECLOSEABLE FASTENERS**
[54] **ATTACHES REFERMABLES**
[72] OFFA-JONES, MARTIN JOHN CHARLES, GB
[71] SUPREME PLASTICS HOLDINGS LIMITED, GB
[85] 2004-10-08
[86] 2003-04-14 (PCT/GB2003/001571)
[87] 2003-10-30 (WO2003/089320)
[30] GB (0208522.3) 2002-04-13

[21] **2,481,950**
[13] A1

[51] **Int.Cl. 7F16C 33/66**
[25] EN
[54] **HYDRAULIC MOTOR FOR USE IN HIGH-PRESSURE ENVIRONMENT**
[54] **MOTEUR HYDRAULIQUE A UTILISER DANS UN ENVIRONNEMENT A PRESSION ELEVEE**
[72] HARCLERODE, MIKE L., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2004-10-06
[86] 2003-04-28 (PCT/US2003/013119)
[87] 2003-11-13 (WO2003/093677)
[30] US (10/134,557) 2002-04-29

[21] **2,481,952**
[13] A1

[51] **Int.Cl. 7C07K 14/00 7A61K 38/00 7A61K 39/00 7A61K 38/03**
[25] EN
[54] **IMMUNOLOGICAL METHODS AND COMPOSITIONS FOR THE TREATMENT OF ALZHEIMER'S DISEASE**
[54] **METHODES ET COMPOSITIONS IMMUNOLOGIQUES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] MCLAURIN, JOANNE, CA
[72] ST. GEORGE-HYSLOP, PETER, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2004-10-08
[86] 2003-04-07 (PCT/CA2003/000502)
[87] 2003-10-30 (WO2003/089460)
[30] US (60/373,914) 2002-04-19

[21] **2,481,955**
[13] A1

[51] **Int.Cl. 7A61N 1/30**
[25] EN
[54] **FINGER-MOUNTED ELECTROKINETIC DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION ELECTROCINETIQUE MONTE SUR UN DOIGT**
[72] POTTER, JOSEPH, US
[72] GOLDBERG, DENNIS I., US
[72] CHANG, KUO WEI, US
[72] DEROUIN, JAMES O., US
[72] HENLEY, JULIAN L., US
[71] BIOPHORETIC THERAPEUTIC SYSTEMS, LLC, US
[85] 2004-10-08
[86] 2003-04-07 (PCT/US2003/010644)
[87] 2003-10-23 (WO2003/086535)
[30] US (10/117,346) 2002-04-08

[21] **2,481,957**
[13] A1

[51] **Int.Cl. 7A63F 1/00**
[25] EN
[54] **METHOD OF CONDUCTING A WAGERING GAME**
[54] **PROCEDE DE CONDUITE D'UN JEU DE PARI**
[72] IBBERTSON, STEVEN, US
[71] STERLING GAMING L.L.C., US
[85] 2004-10-08
[86] 2003-04-11 (PCT/US2003/011309)
[87] 2003-10-23 (WO2003/086557)
[30] US (10/121,517) 2002-04-12

[21] **2,481,958**
[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61K 38/22 7C07K 14/435 7C07K 14/575**
[25] EN
[54] **ANTI-INFLAMMATORY AND WOUND HEALING EFFECTS OF LYMPHOID THYMOSIN .BETA. 4**
[54] **EFFETS DE CICATRISATION DE BLESSURE ET ANTI-INFLAMMATOIRES DE LA THYMOSINE .BETA. 4 LYMPHOIDE**
[72] TIGELAAR, ROBERT E., US
[72] SHIRES, JOHN C., US
[72] SHERLING, MICHAEL A., US
[72] THEODORIDIS, EFSTATHIOS, GB
[72] GIRARDI, MICHAEL, US
[72] HAYDAY, ADRIAN C., GB
[71] YALE UNIVERSITY, US
[71] KING'S COLLEGE LONDON, GB
[85] 2004-10-08
[86] 2003-04-11 (PCT/US2003/011458)
[87] 2003-10-23 (WO2003/086449)
[30] US (60/372,614) 2002-04-12

[21] **2,481,961**
[13] A1

[51] **Int.Cl. 7C02F 1/28**
[25] EN
[54] **REMOVAL OF ARSENIC FROM DRINKING AND PROCESS WATER**
[54] **ELIMINATION DE L'ARSENIC DANS L'EAU POTABLE ET DE TRAITEMENT**
[72] MISRA, MANORANJAN, US
[72] LENZ, PETER, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF N EVADA, US
[71] EAGLE-PICHER FILTRATON AND MINERALS, INC., US
[85] 2004-10-08
[86] 2003-04-10 (PCT/US2003/011010)
[87] 2003-10-23 (WO2003/086564)
[30] US (60/371,773) 2002-04-10

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[21] **2,481,962**
[13] A1

[51] **Int.Cl. 7B01D 17/038 7B04B 3/00 7B01D 35/01**
[25] EN
[54] **METHODS OF IMPROVING CENTRIFUGAL FILTRATION**
[54] **PROCEDES POUR AMELIORER UNE FILTRATION CENTRIFUGE**
[72] YOON, ROE-HOAN, US
[72] ASMATULU, RAMAZAN, US
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
[85] 2004-10-08
[86] 2002-04-12 (PCT/US2002/011318)
[87] 2003-10-23 (WO2003/086571)

[21] **2,481,965**
[13] A1

[51] **Int.Cl. 7A61K 9/08**
[25] EN
[54] **AQUEOUS FORMULATIONS OF (2-HYDROXYMETHYL-INDANYL-4-OXY)-PHENYL-4,4,4-TRIFLUOROBUTANE-1-SULFONATE**
[54] **COMPOSITIONS AQUEUSES DE (2-HYDROXYMETHYLINDANYL-4-OXY)-PHENYL-4,4,4-TRIFLUOROBUTANE-1-SULFONATE**
[72] KATAKAWA, YOSHIFUMI, JP
[72] YASUI, MASAMI, JP
[72] BRUECK, ANTJE, DE
[72] KUEHN, BERND, DE
[71] BAYER HEALTHCARE AG, DE
[85] 2004-10-08
[86] 2003-03-31 (PCT/EP2003/003327)
[87] 2003-10-16 (WO2003/084506)
[30] DE (102 15 942.4) 2002-04-11

[21] **2,481,970**
[13] A1

[51] **Int.Cl. 7A61K 31/495 7A61K 45/00 7A61P 25/00 7A61P 43/00 7A61P 25/02 7A61P 25/04 7A61P 25/14 7C07D 295/22**
[25] EN
[54] **NEUROTROPHIC FACTOR PRODUCTION ACCELERATOR**
[54] **ACCELERATEUR DE PRODUCTION D'UN FACTEUR NEUROTROPHIQUE**
[72] BABA, AKEMICHI, JP
[72] KOYAMA, YUTAKA, JP
[72] MATSUDA, TOSHIO, JP
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP
[85] 2004-10-08
[86] 2003-04-03 (PCT/JP2003/004257)
[87] 2003-10-16 (WO2003/084542)
[30] JP (2002-108552) 2002-04-10

[21] **2,481,973**
[13] A1

[51] **Int.Cl. 7B60R 21/32 7B60N 2/44**
[25] EN
[54] **AIR BAG START CONTROL DEVICE OF VEHICLE**
[54] **DECLenchement d'un AIRBAG DE VEHICULE**
[72] TAKASHIMA, MITSURU, JP
[71] M.I. LABORATORIES CORPORATION, JP
[85] 2004-10-08
[86] 2003-04-04 (PCT/JP2003/004344)
[87] 2003-10-16 (WO2003/084786)
[30] JP (2002-106154) 2002-04-09

[21] **2,481,976**
[13] A1

[51] **Int.Cl. 7C07C 59/215 7A61K 51/00 7A61P 17/00 7C07D 413/02 7C07D 209/04 7C07D 213/04 7C07D 261/06 7C07D 271/06 7A61P 9/06 7A61K 31/085 7C07D 251/12 7A61P 5/14 7C07D 263/30 7A61K 31/33**
[25] EN
[54] **NOVEL THYROID RECEPTOR LIGANDS**
[54] **NOUVEAUX LIGANDS DE RECEPTEURS THYROIDIENS**
[72] MALM, JOHAN, SE
[72] GARG, NEERAJ, SE
[72] RAHIMI-GHADIM, MAHMOUD, SE
[71] KARO BIO AB, SE
[85] 2004-10-08
[86] 2003-02-10 (PCT/EP2003/001304)
[87] 2003-10-16 (WO2003/084915)
[30] GB (0208384.8) 2002-04-11

[21] **2,481,977**
[13] A1

[51] **Int.Cl. 7B21D 7/06 7B21D 17/00 7B21D 37/04**
[25] EN
[54] **HYDRAULIC COMPRESSION TOOL AND HYDRAULIC COMPRESSION TOOL MOTOR**
[54] **OUTIL A COMPRESSION HYDRAULIQUE ET MOTEUR CORRESPONDANT**
[72] LEFAVOUR, JOHN D., US
[72] MONTMINY, ARMAND T., US
[72] CHADBOURNE, CHRISTOPHER G., US
[71] FCI AMERICAS TECHNOLOGY, INC., US
[85] 2004-10-08
[86] 2003-03-13 (PCT/US2003/007762)
[87] 2003-10-23 (WO2003/086676)
[30] US (10/119,456) 2002-04-09

[21] **2,481,979**
[13] A1

[51] **Int.Cl. 7C07K 7/08 7C07K 14/00 7C07K 1/06 7C12N 15/09**
[25] EN
[54] **PEPTIDES CHEMICALLY MODIFIED WITH POLYETHYLENE GLYCOL**
[54] **PEPTIDES CHIMIQUEMENT MODIFIES A L'AIDE DE POLYETHYLENEGLYCOL**
[72] HAZE, KYOUSUKE, JP
[72] KURIYAMA, SHINICHI, JP
[72] TAGUCHI, YASUSHI, JP
[71] MOCHIDA PHAMACEUTICAL CO., LTD., JP
[85] 2004-10-08
[86] 2003-04-11 (PCT/JP2003/004614)
[87] 2003-10-16 (WO2003/084985)
[30] JP (2002-109734) 2002-04-11

[21] **2,481,986**
[13] A1

[51] **Int.Cl. 7C12N 15/63 7C12N 11/00 7C12N 11/16 7C12Q 1/68 7C12N 15/85 7C12N 15/87**
[25] EN
[54] **SURFACE TRANSFECTION AND EXPRESSION PROCEDURE**
[54] **TECHNIQUE DE TRANSFECTION ET D'EXPRESSION DE SURFACE**
[72] UHLER, MICHAEL D., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2004-10-08
[86] 2003-04-16 (PCT/US2003/011921)
[87] 2003-10-30 (WO2003/089600)
[30] US (10/123,435) 2002-04-16

[21] **2,481,989**
[13] A1

[51] **Int.Cl. 7F25B 15/04 7F25B 49/04**
[25] EN
[54] **APPARATUS AND METHOD FOR WEAK LIQUOR FLOW CONTROL IN AQUA-AMMONIA ABSORPTION CYCLES**
[54] **APPAREIL ET PROCEDE POUR LE CONTROLE DE L'ECOULEMENT DE SOLUTION PAUVRE DANS DES CYCLES D'ABSORPTION D'EAU AMMONIACALE**
[72] KIROL, LANCE, US
[72] ROCKENFELLER, UWE, US
[72] SARKISIAN, PAUL, US
[71] ROCKY RESEARCH, US
[85] 2004-10-08
[86] 2003-04-04 (PCT/US2003/010794)
[87] 2003-10-30 (WO2003/089850)
[30] US (10/125,298) 2002-04-16

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[21] **2,481,993**
[13] A1

[51] **Int.Cl. 7F25B 15/04 7F25B 49/04**
[25] EN
[54] **AQUA-AMMONIA ABSORPTION SYSTEM WITH VARIABLE SPEED BURNER**
[54] **SYSTEME D'ABSORPTION D'EAU AMMONIACALE AVEC UN BRULEUR A VITESSE VARIABLE**
[72] ROCKENFELLER, UWE, US
[72] SARKISIAN, PAUL, US
[72] KIROL, LANCE, US
[71] ROCKY RESEARCH, US
[85] 2004-10-08
[86] 2003-04-04 (PCT/US2003/010795)
[87] 2003-10-30 (WO2003/089851)
[30] US (10/125,125) 2002-04-16

[21] **2,481,995**
[13] A1

[51] **Int.Cl. 7C07D 277/06 7C07D 403/06 7C07D 417/06 7A61P 3/10 7C07D 401/12 7C07D 417/12 7C07D 417/14 7C07D 207/16 7A61K 31/40 7A61K 31/426 7A61K 31/427 7A61K 31/4439 7A61K 31/454 7A61K 31/4545 7A61K 31/496**
[25] EN
[54] **THIAZOLIDINE-4-CARBONITRILES AND ANALOGUES AND THEIR USE AS DIPEPTIDYL-PEPTIDAS INHIBITORS**
[54] **THIAZOLIDINE-4-CARBONITRILES ET ANALOGUES ET LEUR UTILISATION COMME INHIBITEURS DE DIPEPTIDYL-PEPTIDAS**
[72] SANKARANARAYANAN, ALANGUDI, IN
[71] TORRENT PHARMACEUTICALS LTD., IN
[85] 2004-10-07
[86] 2003-04-03 (PCT/IB2003/001330)
[87] 2003-10-16 (WO2003/084940)
[30] US (60/370,224) 2002-04-08

[21] **2,481,999**
[13] A1

[51] **Int.Cl. 7C08K 5/101**
[25] EN
[54] **STABILIZER MIXTURES FOR THE PROTECTION OF POLYMER SUBSTRATES**
[54] **MELANGES STABILISATEURS UTILISES DANS LA PROTECTION DES SUBSTRATS POLYMERES**
[72] GRONMAIER, ERNST, CH
[72] AVAR, LAJOS, CH
[72] WEBSTER, JOSEPH RENI, US
[72] KROEHNKE, CHRISTOPH, DE
[71] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2004-10-06
[86] 2003-05-12 (PCT/IB2003/001908)
[87] 2003-11-20 (WO2003/095543)
[30] US (10/145,366) 2002-05-14

[21] **2,482,000**
[13] A1

[51] **Int.Cl. 7A61B 3/16**
[25] EN
[54] **TONOMETER CALIBRATION TOOL**
[54] **OUTIL D'ETALONNAGE DE TONOMETRE**
[72] LUCE, DAVID A., US
[71] REICHERT, INC., US
[85] 2004-10-12
[86] 2003-04-11 (PCT/US2003/011032)
[87] 2003-10-30 (WO2003/088807)
[30] US (10/122,807) 2002-04-15

[21] **2,482,001**
[13] A1

[51] **Int.Cl. 7C04B 41/85 7F16D 69/02 7C04B 41/89 7F02K 9/97**
[25] EN
[54] **PROTECTION AGAINST OXIDATION OF PARTS MADE OF COMPOSITE MATERIAL**
[54] **PROTECTION CONTRE L'OXYDATION DE PIECES EN MATERIAU COMPOSITE**
[72] DISS, PASCAL, FR
[72] LAXAGUE, MICHEL, FR
[72] LAVASSERIE, ERIC, FR
[72] THEBAULT, JACQUES, FR
[71] SNECMA PROPULSION SOLIDE, FR
[85] 2004-10-08
[86] 2003-04-09 (PCT/FR2003/001114)
[87] 2003-10-16 (WO2003/084899)
[30] FR (02/04410) 2002-04-09

[21] **2,482,005**
[13] A1

[51] **Int.Cl. 7G03B 21/00 7G02B 19/00**
[25] EN
[54] **ILLUMINATOR AND ILLUMINATING METHOD**
[54] **DISPOSITIF ET PROCEDE D'ECLAIRAGE**
[72] YOSHIKAWA, TAKAMASA, JP
[72] SHIMAOKA, YUSAKU, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2004-10-06
[86] 2003-10-09 (PCT/JP2003/012927)
[87] 2004-04-22 (WO2004/034141)
[30] JP (2002-299464) 2002-10-11

[21] **2,482,006**
[13] A1

[51] **Int.Cl. 7A61B 17/17 7A61B 19/00**
[25] EN
[54] **CAS DRILL GUIDE AND DRILL TRACKING SYSTEM**
[54] **GUIDE-FORET ASSISTE PAR ORDINATEUR ET SYSTEME DE SUIVI DE FORET**
[72] COUTURE, PIERRE, CA
[72] AMIOT, LOUIS-PHILIPPE, CA
[72] PICARD, DOMINIC, CA
[71] ORTHOSOFT INC., CA
[85] 2004-10-12
[86] 2003-04-17 (PCT/CA2003/000573)
[87] 2003-10-30 (WO2003/088852)
[30] US (10/123,237) 2002-04-17

[21] **2,482,007**
[13] A1

[51] **Int.Cl. 7G01H 11/08 7A61B 7/04**
[25] EN
[54] **PIEZOELECTRIC VIBRATION SENSOR**
[54] **CAPTEUR DE VIBRATION PIEZO-ELECTRIQUE**
[72] ORTEN, BIRGER, NO
[71] MEDITRON ASA, NO
[85] 2004-10-06
[86] 2003-04-07 (PCT/NO2003/000111)
[87] 2003-10-23 (WO2003/087737)
[30] NO (20021666) 2002-04-08

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[21] **2,482,011**
[13] A1

[51] **Int.Cl. 7G01N 27/49 7G01N 33/00**
[25] EN
[54] **AMPEROMETRIC CHLORAMINE SENSOR**
[54] **DETECTEUR AMPEROMETRIQUE DE CHLORAMINE**
[72] FENG, CHANG-DONG, US
[71] ROSEMOUNT ANALYTICAL INC., US
[85] 2004-10-06
[86] 2003-04-28 (PCT/US2003/009945)
[87] 2004-02-12 (WO2004/013623)
[30] US (10/138,359) 2002-05-03

[21] **2,482,014**
[13] A1

[51] **Int.Cl. 7A47K 10/38**
[25] EN
[54] **DISPENSER FOR SHEET MATERIAL**
[54] **DISTRIBUTEUR DE MATERIAU FEUILLE**
[72] TRAMONTINA, PAUL FRANCIS, US
[72] LEWIS, RICHARD PAUL, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2004-10-08
[86] 2003-03-04 (PCT/US2003/006638)
[87] 2003-11-06 (WO2003/090593)
[30] US (10/132,435) 2002-04-25

[21] **2,482,020**
[13] A1

[51] **Int.Cl. 7F16J 15/44**
[25] EN
[54] **LOW TORQUE SEAL ASSEMBLY**
[54] **ENSEMBLE JOINT A FAIBLE COUPLE**
[72] GOLD, MARK N., US
[72] HOOD, CHARLES ROBIN, US
[72] WELLS, DONALD G., US
[71] STEMCO LLC, US
[85] 2004-10-06
[86] 2003-04-24 (PCT/US2003/013000)
[87] 2003-11-06 (WO2003/091607)
[30] US (10/134,134) 2002-04-26

[21] **2,482,012**
[13] A1

[51] **Int.Cl. 7B62B 7/08**
[25] EN
[54] **CHILDREN'S VEHICLE WITH A FRAME WITH SLIDING ELEMENTS WITHOUT A SPACE THEREBETWEEN AND CORRESPONDING CHASSIS**
[54] **VOITURE D'ENFANT A CHASSIS A ELEMENTS COULISSANTS SANS ESPACE ENTRE EUX, ET CHASSIS CORRESPONDANT**
[72] ZWEIDECK, BRUNO, FR
[71] AMPAFRANCE, FR
[85] 2004-10-08
[86] 2003-04-16 (PCT/FR2003/001229)
[87] 2003-10-23 (WO2003/086834)
[30] FR (02/04962) 2002-04-16
[30] FR (02/14832) 2002-11-26

[21] **2,482,017**
[13] A1

[51] **Int.Cl. 7A61B 17/43**
[25] EN
[54] **MAGNETIC EMBRYO TRANSFER**
[54] **TRANSFERT MAGNETIQUE D'EMBRYONS**
[72] CAI, SHELTON X., US
[72] MORUZZI, JAMES F., US
[71] OLYMPIA WOMENS HEALTH, US
[85] 2004-10-08
[86] 2003-04-24 (PCT/US2003/012577)
[87] 2003-11-06 (WO2003/090632)
[30] US (10/133,220) 2002-04-26

[21] **2,482,021**
[13] A1

[51] **Int.Cl. 7A61L 2/00 7A61K 41/00 7A01N 1/02 7C12N 7/04 7A61L 2/08 7A61L 2/10 7A61K 35/14 7A61L 2/16 7A61M 1/36**
[25] EN
[54] **REMOVAL OF ADENINE DURING A PROCESS OF PATHOGEN REDUCING BLOOD AND BLOOD COMPONENTS**
[54] **ELIMINATION D'ADENINE AU COURS D'UN PROCEDE DE REDUCTION DES AGENTS PATHOGENES DU SANG OU DE COMPOSANTS SANGUINS**
[72] DOANE, SUZANN K., US
[72] GOODRICH, RAYMOND P., US
[71] GAMBRO, INC., US
[85] 2004-10-08
[86] 2003-04-24 (PCT/US2003/012969)
[87] 2003-11-06 (WO2003/090793)
[30] US (60/375,849) 2002-04-24

[21] **2,482,013**
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 9/20 7A61K 9/26 7A61K 9/48**
[25] EN
[54] **PROCESS FOR PREPARING TANNATE TABLET CAPSULE OR OTHER SOLID DOSAGE FORMS**
[54] **PROCEDE DE PREPARATION DE COMPRIMES, DE CAPSULES OU D'AUTRES FORMES SOLIDES DE DOSAGE DE TANNATE**
[72] KIEL, JEFFREY S., US
[72] MANI, NARASIMHAN, US
[72] THOMAS, GREG H., US
[71] KIEL LABORATORIES, INC., US
[85] 2004-10-06
[86] 2003-04-09 (PCT/US2003/010918)
[87] 2004-04-22 (WO2004/032826)
[30] US (10/269,027) 2002-10-10

[21] **2,482,019**
[13] A1

[51] **Int.Cl. 7A61K 31/20 7A61K 31/201 7A23L 1/30**
[25] EN
[54] **USE OF CONJUGATED LINOLEIC ACID DERIVATIVES**
[54] **UTILISATION DE DERIVES D'ACIDE LINOLEIQUE CONJUGUE**
[72] O'SHEA, MARIANNE, US
[72] SCHMID, ULRIKE, NL
[72] CAIN, FREDERICK WILLIAM, NL
[72] MOHEDE, INGRID CELESTINA MARIA, NL
[71] LODERS CROKLAAN BV, NL
[85] 2004-10-08
[86] 2003-04-24 (PCT/GB2003/001726)
[87] 2003-11-06 (WO2003/090739)
[30] EP (02076639.0) 2002-04-25

[21] **2,482,023**
[13] A1

[51] **Int.Cl. 7B29C 63/12 7E02B 5/02 7B29C 63/08 7E02B 3/12**
[25] EN
[54] **LAMINATED SHEET FOR LINER APPLICATIONS**
[54] **FEUILLE STRATIFIEE POUR APPLICATIONS DE GAINAGE**
[72] JOHNSTONE, PETER JAMES, AU
[71] GOODSTONE INTERNATIONAL PTY LTD., AU
[85] 2004-10-08
[86] 2003-04-09 (PCT/AU2003/000425)
[87] 2003-10-23 (WO2003/086737)
[30] AU (PS 1672) 2002-04-10

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[21] **2,482,025**
[13] A1

[51] **Int.Cl. 7B41J 2/045 7B81B 7/00 7B41J 2/165**
[25] EN
[54] **SYMMETRICALLY ACTUATED INK EJECTION COMPONENTS FOR AN INK JET PRINthead CHIP**
[54] **COMPOSANTS D'EJECTION D'ENCRE ACTIONNES SYMETRIQUEMENT POUR MICROCIRCUIT INTEGRE DE TETE D'IMPRESSION A JET D'ENCRE**
[72] SILVERBROOK, KIA, AU
[71] SILVERBROOK RESEARCH PTY LTD, AU
[85] 2004-10-08
[86] 2002-08-29 (PCT/AU2002/001168)
[87] 2003-10-23 (WO2003/086765)
[30] US (10/120,439) 2002-04-12

[21] **2,482,027**
[13] A1

[51] **Int.Cl. 7A61M 25/10**
[25] EN
[54] **PRECALIBRATED INFLATION DEVICE FOR BALLOON CATHETER**
[54] **DISPOSITIF DE GONFLAGE PRE-ETALONNE POUR SONDE A BALLONNET**
[72] CARTER, MATTHEW P., US
[72] SKERVEN, GREGORY J., US
[71] WILSON-COOK MEDICAL, INC., US
[85] 2004-10-08
[86] 2003-04-23 (PCT/US2003/012505)
[87] 2003-11-06 (WO2003/090836)
[30] US (60/357,245) 2002-04-23

[21] **2,482,031**
[13] A1

[51] **Int.Cl. 7G01N 1/24**
[25] EN
[54] **POINT SOURCE BIOLOGICAL AGENT DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'AGENTS BIOLOGIQUES DE SOURCE PONCTUELLE**
[72] DIFURIO, GABRIEL A., US
[72] SCHMIDT, JOHN C., US
[72] TILLES, DAVID J., US
[71] NORTHROP GRUMMAN CORPORATION, US
[85] 2004-10-06
[86] 2003-05-20 (PCT/US2003/015732)
[87] 2004-03-04 (WO2004/018704)
[30] US (60/381,351) 2002-05-20

[21] **2,482,044**
[13] A1

[51] **Int.Cl. 7C09J 7/00 7B29C 39/14 7B29C 43/22**
[25] EN
[54] **METHOD OF MAKING A VISCOELASTIC ARTICLE BY COATING AND CURING ON A REUSABLE SURFACE**
[54] **METHODE DE FABRICATION D'UN ARTICLE VISCOELASTIQUE PAR ENDUCTION ET POLYMERISATION SUR UNE SURFACE REUTILISABLE**
[72] MAIER, GARY W., US
[72] SEILER, PETER M., US
[72] VESLEY, GEORGE F., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-10-07
[86] 2003-02-13 (PCT/US2003/004428)
[87] 2003-10-23 (WO2003/087249)
[30] US (10/121,489) 2002-04-12

[21] **2,482,046**
[13] A1

[51] **Int.Cl. 7B44C 3/12 7C03B 11/02 7B44C 1/14 7C03C 17/36**
[25] EN
[54] **METHOD TO PRODUCE TESSERAEE OF GLASS MOSAIC CONTAINING A METAL FOIL**
[54] **PROCEDE POUR PRODUIRE DES TESSELLES DE MOSAIQUE EN VERRE CONTENANT UNE FEUILLE METALLIQUE**
[72] BISAZZA, GIANCARLO, IT
[72] BESOLI, ALDO, IT
[71] BISAZZA SPA, IT
[85] 2004-10-08
[86] 2003-04-11 (PCT/IB2003/001340)
[87] 2003-10-23 (WO2003/086780)
[30] IT (UD2002A000083) 2002-04-12

[21] **2,482,047**
[13] A1

[51] **Int.Cl. 7A61M 5/32**
[25] EN
[54] **NEEDLE WITH LATERAL APERTURE**
[54] **AIGUILLE A OUVERTURE LATERALE**
[72] MAYNARD, KEVIN RUSSELL, GB
[72] CROCKER, PETER JOHN, GB
[72] LITTLE, MERVYN AUBREY, GB
[71] IMPRINT PHARMACEUTICALS LIMITED, GB
[85] 2004-10-13
[86] 2003-04-16 (PCT/GB2003/001652)
[87] 2003-10-30 (WO2003/089035)
[30] GB (0208627.0) 2002-04-16

[21] **2,482,048**
[13] A1

[51] **Int.Cl. 7B60C 23/04**
[25] EN
[54] **TIRE-STATE OBTAINING APPARATUS**
[54] **APPAREIL DE DETECTION DE L'ETAT D'UN PNEUMATIQUE**
[72] OGAWA, ATSUSHI, JP
[72] DOI, TAKASHI, JP
[72] URABABA, SHINGO, JP
[72] TABATA, MASAOKI, JP
[72] MORITA, KOUICHI, JP
[72] KANATANI, MASAKI, JP
[72] KUSUNOKI, HIDEKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2004-10-08
[86] 2003-03-20 (PCT/JP2003/003485)
[87] 2003-10-23 (WO2003/086787)
[30] JP (2002-110114) 2002-04-12

[21] **2,482,050**
[13] A1

[51] **Int.Cl. 7C22B 9/00 7C21C 7/00 7C22C 9/00 7C22C 19/00 7C22C 1/02 7C22C 33/04 7C22B 9/05 7C22C 1/10**
[25] EN
[54] **ITERATIVE CYCLE PROCESS FOR CARBON SUPERSATURATION OF MOLTEN METAL AND SOLID METALS OBTAINED THEREBY**
[54] **COMPOSITION DE TRAITEMENT DE MATIERE: SYSTEME I**
[72] NAGEL, CHRISTOPHER J., US
[71] ELECTROMAGNETICS CORPORATION, US
[85] 2004-10-07
[86] 2003-02-12 (PCT/US2003/004454)
[87] 2003-10-30 (WO2003/089676)
[30] US (10/123,028) 2002-04-22

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[21] **2,482,052**
[13] A1

[51] **Int.Cl. 7F16H 37/06**
[25] EN
[54] **TRANSFER CASE WITH MULTI-GEAR TRANSFER MECHANISM**
[54] **BOITE DE TRANSFERT COMPRENANT UN MECANISME DE TRANSFERT A ENGRENAGES MULTIPLES**
[72] KIRKWOOD, MALCOLM E., US
[72] ZALEWSKI, JOHN D., US
[72] BOWEN, THOMAS C., US
[72] COWSILL, PAUL, GB
[72] PENNYCUFF, DALE L., US
[72] THOMAS, GARETH, GB
[71] NEW VENTURE GEAR, INC., US
[85] 2004-10-08
[86] 2003-03-12 (PCT/US2003/007698)
[87] 2003-10-23 (WO2003/086803)
[30] US (10/122,288) 2002-04-12

[21] **2,482,055**
[13] A1

[51] **Int.Cl. 7B22D 11/06**
[25] EN
[54] **CASTING STEEL STRIP**
[54] **COULAGE D'UNE BANDE D'ACIER**
[72] BLEJDE, WALTER, N., US
[72] GLUTZ, ANDREW, AU
[71] BLEJDE, WALTER, N., US
[71] GLUTZ, ANDREW, AU
[85] 2004-10-08
[86] 2003-04-11 (PCT/US2003/011263)
[87] 2003-10-23 (WO2003/086683)
[30] US (10/121,567) 2002-04-12

[21] **2,482,057**
[13] A1

[51] **Int.Cl. 7C10G 73/02 7B01D 33/00 7C10G 73/04**
[25] EN
[54] **SOLID/LIQUID SEPARATION SYSTEM FOR MULTIPHASE CONVERTERS**
[54] **SYSTEME DE SEPARATION SOLIDE/LIQUIDE POUR CONVERTISSEURS MULTIPHASE**
[72] MOHEDAS, SERGIO R., US
[72] ODUEYUNGBO, OLUWASEYI A., US
[72] JACK, DOUG S., US
[72] ESPINOZA, RAFAEL L., US
[72] ORTEGO, JAMES DALE JR., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2004-10-13
[86] 2003-04-16 (PCT/US2003/011544)
[87] 2003-10-30 (WO2003/089102)
[30] US (60/372,961) 2002-04-16

[21] **2,482,060**
[13] A1

[51] **Int.Cl. 7B41J 2/05 7B81B 3/00**
[25] EN
[54] **THERMOELASTIC INKJET ACTUATOR WITH HEAD CONDUCTIVE PATHWAYS**
[54] **ACTIONNEUR THERMOELASTIQUE DE JET D'ENCRE A CANAUX THERMOCONDUCTEURS**
[72] SILVERBROOK, KIA, AU
[72] MCAVOY, GREGORY JOHN, AU
[71] SILVERBROOK RESEARCH PTY. LTD., AU
[85] 2004-10-08
[86] 2002-06-14 (PCT/AU2002/000775)
[87] 2003-10-23 (WO2003/086768)
[30] US (10/120,359) 2002-04-12

[21] **2,482,062**
[13] A1

[51] **Int.Cl. 7B01D 37/02**
[25] EN
[54] **OPTIMIZED SOLID/LIQUID SEPARATION SYSTEM FOR MULTIPHASE CONVERTERS**
[54] **SYSTEME DE SEPARATION DE SOLIDES/LIQUIDES OPTIMISE POUR CONVERTISSEURS MULTIPHASES**
[72] ODUEYUNGBO, OLUWASEYI A., US
[72] MOHEDAS, SERGIO R., US
[72] ESPINOZA, RAFAEL L., US
[72] JACK, DOUG S., US
[72] ORTEGO, JAMES D., JR., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2004-10-13
[86] 2003-04-16 (PCT/US2003/011662)
[87] 2003-10-30 (WO2003/089103)
[30] US (60/372,961) 2002-04-16

[21] **2,482,069**
[13] A1

[51] **Int.Cl. 7B65G 15/02**
[25] EN
[54] **CURVED BELT CONVEYOR**
[54] **TRANSPORTEUR A COURROIE INCURVE**
[72] KOOISTRA, KENNETH J., US
[72] HOISINGTON, RICHARD E. II, US
[72] PELAK, THOMAS J., US
[72] COTTER, DAVID H., US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2004-10-08
[86] 2003-04-11 (PCT/US2003/011058)
[87] 2003-10-23 (WO2003/086909)
[30] US (60/372,075) 2002-04-12
[30] US (60/389,030) 2002-06-14
[30] US (60/420,847) 2002-10-24

[21] **2,482,074**
[13] A1

[51] **Int.Cl. 7H04B 1/38**
[25] EN
[54] **MOBILE COMMUNICATION HANDSET WITH ADAPTIVE ANTENNA ARRAY**
[54] **COMBINE DE COMMUNICATION MOBILE A RESEAU D'ANTENNE ADAPTATIF**
[72] CHIANG, BING, US
[72] JORGENSEN, DAVID C., US
[72] GOTHARD, GRIFFIN K., US
[72] SNYDER, CHRISTOPHER A., US
[71] IPR LICENSING, INC., US
[85] 2004-10-13
[86] 2003-03-14 (PCT/US2003/008306)
[87] 2003-09-25 (WO2003/079561)
[30] US (60/365,140) 2002-03-14

[21] **2,482,083**
[13] A1

[51] **Int.Cl. 7G02B 5/28 7G02B 6/34**
[25] EN
[54] **INTERFERENCE FILTER WITH LOCALLY DIFFERENT FINESSES**
[54] **FILTRE INTERFERENTIEL A FINESSES LOCALEMENT DIFFERENTES**
[72] CLICHE, JEAN-FRANCOIS, CA
[72] LATRASSE, CHRISTINE, CA
[72] TETU, MICHEL, CA
[72] ZARKA, ALAIN, CA
[71] DICOS TECHNOLOGIES INC., CA
[85] 2004-10-08
[86] 2003-03-18 (PCT/CA2003/000385)
[87] 2003-09-25 (WO2003/079064)
[30] US (60/365,159) 2002-03-19

[21] **2,482,085**
[13] A1

[51] **Int.Cl. 7C23C 4/12**
[25] EN
[54] **PLASMA INJECTION METHOD**
[54] **PROCEDE DE PROJECTION AU PLASMA**
[72] BARBEZAT, GERARD, CH
[72] REFKE, ARNO, CH
[72] LOCH, MICHAEL, DE
[71] SULZER METCO AG, CH
[85] 2004-10-08
[86] 2003-03-18 (PCT/CH2003/000175)
[87] 2003-10-23 (WO2003/087422)
[30] EP (02405297.9) 2002-04-12

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[21] **2,482,086**
[13] A1

[51] **Int.Cl. 7D01D 5/06 7A61L 27/00 7D01F 1/10 7D01F 6/62 7A61K 9/70 7D01F 6/84 7D01F 6/92**

[25] EN

[54] **POLYMERIC FIBRE AND METHOD FOR MAKING SAME**

[54] **FIBRE POLYMERIQUE ET SON PROCEDE DE FABRICATION**

[72] COOMBES, ALLAN GERALD ARTHUR, GB

[72] WILLIAMSON, MATTHEW RICHARD, GB

[71] ASTON UNIVERSITY, GB

[85] 2004-10-08

[86] 2003-04-11 (PCT/GB2003/001555)

[87] 2003-10-23 (WO2003/087444)

[30] GB (0208418.4) 2002-04-11

[21] **2,482,088**
[13] A1

[51] **Int.Cl. 7D06F 21/04 7A47B 91/00 7D06F 33/00 7F16H 19/00 7F16H 63/00 7F16M 7/00 7D06F 23/02 7F16H 63/02 7D06F 37/04 7D06F 39/04 7D06F 58/04 7G05G 15/04 7D06F 58/06 7D06F 58/08 7G05G 15/08 7F16H 7/08 7D06F 37/10 7D06F 39/12 7D06F 39/14 7F16H 1/16 7F16H 7/20 7D06F 37/22 7D06F 58/22 7D06F 37/26 7D06F 58/26 7D06F 37/28 7D06F 58/28 7D06F 37/30 7D06F 37/42**

[25] EN

[54] **A LAUNDRY APPLIANCE**

[54] **APPAREIL DE BLANCHISSAGE**

[72] ESKILDSEN, OLAF ADRIAN HOJLAND, NZ

[72] PITT, DANIEL KEITH RAPHAEL, NZ

[72] JOHNSON, HUGH GRIFFITH, NZ

[72] ABRAHAM, BRADLEY CLIVE, NZ

[72] JACKSON, RUSSELL JOSEPH, NZ

[72] HILGERS, ANDY ALEXANDER, NZ

[72] HIRST, DARYL LEONARD, NZ

[72] GRAMADA, RADU, NZ

[72] MCGREGOR, BRUCE REGINALD FRANK, NZ

[72] GUINIBERT, ALLEN JAMES, NZ

[72] FRAZERHURST, GEOFFREY SIMON, NZ

[72] VELANDIA, ARMANDO MORLES, NZ

[71] FISHER & PAYKEL APPLIANCES LIMITED, NZ

[85] 2004-10-08

[86] 2003-04-10 (PCT/NZ2003/000065)

[87] 2003-10-23 (WO2003/087459)

[30] NZ (518290) 2002-04-10

[30] NZ (525195) 2003-04-04

[21] **2,482,089**
[13] A1

[51] **Int.Cl. 7D06F 33/02 7D06F 37/00 7D06F 39/08 7G01V 8/16 7C02F 1/42 7A47L 15/42**

[25] EN

[54] **WASHING APPLIANCE WATER SOFTENER**

[54] **SYSTEME D'ADOUCCISSEUR D'EAU POUR MACHINES A LAVER**

[72] MAUNSELL, STEPHEN ROBERT, NZ

[72] BLAIR, DANIEL WARWICK, NZ

[71] FISHER & PAYKEL APPLIANCES LIMITED, NZ

[85] 2004-10-08

[86] 2003-04-10 (PCT/NZ2003/000064)

[87] 2003-10-23 (WO2003/087460)

[30] NZ (518288) 2002-04-10

[21] **2,482,096**
[13] A1

[51] **Int.Cl. 7E21B 47/09**

[25] EN

[54] **MAGNETICALLY ACTIVATED WELL TOOL**

[54] **OUTIL DE PUIITS A FONCTIONNEMENT MAGNETIQUE**

[72] YOO, KWANG M., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2004-10-08

[86] 2003-02-28 (PCT/US2003/006125)

[87] 2003-10-23 (WO2003/087536)

[30] US (10/121,399) 2002-04-12

[21] **2,482,102**
[13] A1

[51] **Int.Cl. 7F01K 23/10**

[25] EN

[54] **STEAM AND GAS TURBINE INSTALLATION**

[54] **INSTALLATION DE TURBINE A VAPEUR ET A GAZ**

[72] OUWERKERK, HENK, NL

[71] OUWERKERK, HENK, NL

[85] 2004-10-08

[86] 2003-04-09 (PCT/NL2003/000271)

[87] 2003-10-23 (WO2003/087543)

[30] NL (1020350) 2002-04-10

[21] **2,482,124**
[13] A1

[51] **Int.Cl. 7A61K 31/50 7A61K 31/56**

[25] EN

[54] **METHODS OF TREATMENT USING AN EPITHELIAL SODIUM CHANNEL BLOCKER AND AN INHIBITOR OF THE MINERALOCORTICOID RECEPTOR**

[54] **METHODES DE TRAITEMENT AU MOYEN D'UN BLOQUEUR DE CANAL SODIQUÉ EPITHELIAL ET D'UN INHIBITEUR DU RECEPTEUR MINERALOCORTICOIDE**

[72] BUBIEN, JAMES, US

[71] UAB RESEARCH FOUNDATION, US

[85] 2004-10-08

[86] 2002-04-19 (PCT/US2002/012348)

[87] 2002-10-31 (WO2002/085367)

[30] US (60/284,515) 2001-04-19

[30] US (09/942,973) 2001-08-31

[21] **2,482,126**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12N 5/10 7C12N 15/12 7C07K 16/18 7G01N 33/58 7C12N 15/62**

[25] EN

[54] **LUMINESCENT MARKERS**

[54] **MARQUEURS LUMINESCENTS**

[72] SROKA, SUSANNA, CA

[72] HOGUE, CHRISTOPHER, CA

[71] MOUNT SINAI HOSPITAL, CA

[85] 2004-10-08

[86] 2003-04-11 (PCT/CA2003/000546)

[87] 2003-10-23 (WO2003/087152)

[30] US (60/372,382) 2002-04-11

[21] **2,482,127**
[13] A1

[51] **Int.Cl. 7F16B 39/24 7F16B 43/00**

[25] EN

[54] **SELF-LOCKING FASTENING DEVICE**

[54] **DISPOSITIF DE FIXATION AUTOBLOQUANT**

[72] ESSER, JOSEF, DE

[71] TEXTRON VERBINDUNGSTECHNIK GMBH & CO. LTD., DE

[85] 2004-10-08

[86] 2003-03-19 (PCT/DE2003/000932)

[87] 2003-11-06 (WO2003/091583)

[30] DE (202 06 373.9) 2002-04-23

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[21] **2,482,128**
[13] A1
[51] **Int.Cl. 7B65H 23/32**
[25] EN
[54] **DEVICE AND METHOD FOR CORRECTING A FLEXIBLE MATERIAL WEB GUIDED TO A PROCESSING MACHINE**
[54] **DISPOSITIF ET PROCEDE POUR RECTIFIER UNE BANDE DE MATIERE SOUPLE CONDUITE VERS LA MACHINE DE TRAITEMENT**
[72] RAHN, ROBERTO, DE
[71] TTEC INVEST AG, CH
[85] 2004-10-08
[86] 2003-04-11 (PCT/DE2003/001217)
[87] 2003-10-21 (WO2003/086924)
[30] DE (102 16 419.3) 2002-04-12

[21] **2,482,129**
[13] A1
[51] **Int.Cl. 7G01N 33/53 7G01N 33/68**
[25] EN
[54] **METHODS FOR DETERMINING LEVELS OF HUMAN B-TYPE NATRIURETIC PEPTIDE PRECURSORS**
[54] **PROCEDES DE DETERMINATION DE NIVEAUX DE PRECURSEURS DE PEPTIDE NATRIURETIQUE HUMAIN DE TYPE B (BNP)**
[72] REHFELD, JENS F., DK
[72] GOTZE, JENS PETER, DK
[71] RIGSHOSPITALET, DK
[71] UNIVERSITY OF COPENHAGEN, DK
[85] 2004-10-08
[86] 2003-04-11 (PCT/DK2003/000250)
[87] 2003-10-23 (WO2003/087819)
[30] AU (PS 1692) 2002-04-11

[21] **2,482,131**
[13] A1
[51] **Int.Cl. 7C07D 305/14 7C07D 263/06 7C07D 413/12**
[25] EN
[54] **A SEMI-SYNTHETIC PROCESS FOR THE PREPARATION OF N DEBENZOYLPACLITAXEL**
[54] **PROCEDE SEMI-SYNTHETIQUE DE PREPARATION DE N-DEBENZOYLPACLITAXEL**
[72] FONTANA, GABRIELE, IT
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[72] VAN SWIETEN, ANDREAS PETRUS, NL
[72] MEULENBRUGGE, LAMBERTUS, NL
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[72] KNIELING, MICHAEL, DE
[72] PIESCHEL, FRIEDEMANN, DE
[72] HITSCHLER, PETRA, DE
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[54] **IDENTIFICATION ET VALIDATION DE NOUVELLES CIBLES POUR PRODUITS AGROCHIMIQUES**
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[72] KELDENICH, JOERG, DE
[72] SCHMIDT, GUNTER, DE
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[72] NAAB, PAUL, DE
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[51] **Int.Cl. 7G03F 7/20**
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[72] MAK, JOHN, US
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[54] **DISPOSITIF DESTINE A AMELIORER LE CONFORT DE SURFACES DE SOUTIEN DU CORPS**
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[25] EN
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[54] **ELEMENTS STRUCTURELS AMELIORES DE VEHICULE ET PROCEDE DE FABRICATION DE CES ELEMENTS**
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[54] **CRUDE OIL DESALTING METHOD**
[54] **PROCEDE DE DESSALAGE DE PETROLE BRUT**
[72] PATEL, RUTTON D., US
[72] VARADARAJ, RAMESH, US
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[25] EN
[54] **METHOD FOR DETECTING LOW CONCENTRATIONS OF A TARGET BACTERIUM THAT USES PHAGES TO INFECT TARGET BACTERIAL CELLS**
[54] **PROCEDE DE DETECTION DE FAIBLES CONCENTRATIONS D'UNE BACTERIE CIBLE QUI UTILISE DES PHAGES POUR INFECTER DES CELLULES BACTERIENNES CIBLES**
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[72] WAKELAND, RAY S., US
[72] SMITH, ROBERT W. M., US
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[71] VALTION TEKNIILLINEN TUTKIMUSKESKUS, FI
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[54] **RATTACHEMENT D'OBJETS DE DONNEES A UN SYSTEME D'ELABORATION DES PROJETS**
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[72] STINDL, MANFRED, DE
[72] HAGMANN, THOMAS, DE
[71] SAP AKTIENGESSELLSCHAFT, DE
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[54] **ORDINATEUR, PROCEDE DE REGLAGE DE LA SECURITE D'UN ORDINATEUR ET PROGRAMME CORRESPONDANT**
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[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **PLATEAUX THERMO-CONDUCTEURS POUR ESSAIS BIOLOGIQUES**
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[72] MCCULLOUGH, KEVIN A., US
[72] MILLER, JAMES D., US
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[71] ALBANY MEDICAL COLLEGE, US
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[54] **SYSTEMES ET PROCEDES D'INTERVENTIONS GUIDEES PAR RESONANCE MAGNETIQUE**
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[72] BERGER, RONALD D., US
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[54] **PROCEDE ET APPAREIL D'AMENEE DE FIBRES**
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[54] **SOUS-FRAGMENT RECODIFIE CODANT POUR LA NEURO-AMINIDASE, NEURO-AMINIDASE RECOMBINANTE ET SONT UTILISATION EN ZOOPROPHYLAXIE**
[72] CAPUA, ILARIA, IT
[72] MARANGON, STEFANO, IT
[72] CATTOLI, GIOVANNI, IT
[71] CAPUA, ILARIA, IT
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[71] AIRBUS DEUTSCHLAND GMBH, DE
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[54] **COMPOSITION DE POWDRE SECHE A INHALER**
[72] BULSARA, PALLAV ARVIND, GB
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[71] GLAXO GROUP LIMITED, GB
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[72] RUPP, STEPHAN, CH
[71] SYNTHES (U.S.A.), US
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[54] **COMBINAISON DE VITAMINES POSSEDANT UN EFFET PROTECTEUR PENDANT LA CHIMIOTHERAPIE ET/OU LA RADIOTHERAPIE DE TUMEURS MALIGNES**
[72] MOROZKINA, TATJANA SERGEJEVNA, BY
[72] SUKOLINSKI, VLADIMIR NIKOLAJEVICH, BY
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[54] **BEVERAGE DISPENSER**
[54] **DISTRIBUTEUR DE BOISSONS**
[72] TORRI, GUIDO, IT
[72] BENCISTA', LORENZO, IT
[72] DEGL'INNOCENTI, MARCO, IT
[72] GOSI, RICCARDO, IT
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[54] **PANSEMENTS POUR ANOMALIE TISSULAIRE COMPRENANT DES RESEAUX PROTEIQUES**
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[71] KERAPLAST TECHNOLOGIES, LTD., US
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[54] **PREPARATION THERAPEUTIQUE DE POWDRE SECHE**
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[72] MYRMAN, MATTIAS, SE
[71] MICRODRUG AG, CH
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[54] **HOMOGENISATEUR**
[72] RITCHIE, THOMAS STUART, NZ
[72] HARRIS, MARK BEAVEN, NZ
[71] AGRESEARCH LIMITED, NZ
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[54] **DESAGREGATION ET DISPERSION D'UNE POUDRE MEDICAMENTEUSE SECHE DANS L'AIR**
[72] MYRMAN, MATTIAS, SE
[71] MICRODRUG AG, CH
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[71] FEYECON DEVELOPMENT & IMPLEMENTATION B.V., NL
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[54] **MULTIPLEXED CAPILLARY ELECTROPHORESIS SYSTEMS**
[54] **SYSTEMES MULTIPLEXES D'ELECTROPHORESE CAPILLAIRE**
[72] BURGI, DEAN, US
[72] DOLNIK, VLADISLAV, US
[72] ARMSTRONG, THOMAS M., US
[72] OLSON, NELS A., US
[72] JOVANOVICH, STEVAN BOGDAN, US
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[71] AMERSHAM BIOSCIENCES (SV) CORP., US
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[54] **NOVEL METHOXYBENZAMIDE COMPOUNDS FOR USE IN MCH RECEPTOR RELATED DISORDERS**
[54] **NOUVEAUX COMPOSES DE METHOXYBENZAMIDE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DES TROUBLES LIES AU RECEPTEUR DE MCH**
[72] RECEVEUR, JEAN-MARIE, DK
[72] BJURLING, ANNA EMELIE, SE
[72] HOEGBERG, THOMAS, SE
[72] ULVEN TROND, DK
[72] NORREGAARD, PIA KARINA, DK
[72] ELLING, CHRISTIAN E., DK
[72] LITTLE, PAUL BRIAN, DK
[71] 7TM PHARMA A/S, DK
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[87] 2003-10-23 (WO2003/087045)
[30] DK (PA 2002 00519) 2002-04-09
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[54] **SUBSTITUTED PHENYLACETAMIDES AND THEIR USE AS GLUCOKINASE ACTIVATORS**
[54] **ACTIVATEURS DE GLUCOKINASE OXYGENES CYCLOALKYLE OU SUBSTITUES CYCLOALKYLE**
[72] CORBETT, WENDY LEA, US
[72] WANG, KA, US
[72] GRIMSBY, JOSEPH SAMUEL, US
[72] RACHA, JAGDISH KUMAR, US
[72] SARABU, RAMAKANTH, US
[72] MAHANEY, PAIGE ERIN, US
[72] KESTER, ROBERT FRANCIS, US
[72] HAYNES, NANCY ELLEN, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[30] US (60/376,161) 2002-04-26

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[54] **COMBINATIONS OF AN ACE INHIBITOR, A CALCIUM CHANNEL BLOCKER AND A DIURETIC**
[54] **COMBINAISONS COMPRENANT UN INHIBITEUR DE L'ENZYME DE CONVERSION DE L'ANGIOTENSINE (ACE), UN INHIBITEUR CALCIQUE ET UN DIURETIQUE**
[72] GRIGORIEFF, MELISSA, US
[72] WEBB, RANDY LEE, US
[72] SHETTY, SURAJ SHIVAPPA, US
[71] NOVARTIS AG, CH
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[54] **VASCULARIZED HUMAN SKIN EQUIVALENT**
[54] **EQUIVALENT DE PEAU HUMAINE VASCULARISEE**
[72] BOTHWELL, ALFRED L. M., US
[72] POBER, JORDAN S., US
[72] SCHECHNER, JEFFREY S., US
[71] YALE UNIVERSITY, US
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[25] EN
[54] **METHOD FOR HYDROGENATION OF POLYMERS IN DISPERSED MEDIUM**
[54] **PROCEDE D'HYDROGENATION DE POLYMERES EN MILIEU DISPERSE**
[72] PRADEL, JEAN-LAURENT, FR
[72] NOGUES, PIERRE, FR
[72] LORET, CHRISTOPHE, FR
[71] ATOFINA, FR
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[54] **MEASUREMENT SYSTEM INCLUDING A SENSOR MOUNTED IN A CONTACT LENS**
[54] **SYSTEME DE MESURE COMPRENANT UN CAPTEUR MONTE DANS UN VERRE DE CONTACT**
[72] FLEISCHMAN, AARON J., US
[72] ROY, SHUVO, US
[72] LEWIS, HILEL, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
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[54] **THERMOELECTRIC DEVICE UTILIZING DOUBLE-SIDED Peltier Junctions and Method of Making the Device**
[54] **DISPOSITIF THERMOELECTRIQUE UTILISANT DES JONCTIONS Peltier Double Face et Procédé de Fabrication de ce Dispositif**
[72] VENKATASUBRAMANIAN, RAMA, US
[72] SHIVOLA, EDWARD P., US
[71] RESEARCH TRIANGLE INSTITUTE, US
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[54] **SIGNALING ASSEMBLY**
[54] **ENSEMBLE DE SIGNALISATION**
[72] BUKOSKY, ALLEN A., US
[72] MATHIEU, DANIEL J., US
[71] K.W. MUTH COMPANY, INC., US
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[54] **POUSOIR POUR BILLE POUR UNE POINTE D'APPLICATEUR ET ENSEMBLE FORMANT POINTE INCORPORANT UN TEL POUSSOIR**
[54] **PUSH-BUTTON FOR BALL APPLICATOR TIP AND ASSEMBLY FORMING A TIP INCORPORATING SAME**
[72] ROSENZWEIG, ALAIN, FR
[71] SOCIETE BIC, FR
[85] 2004-10-08
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[54] **CYTOKINE RECEPTOR**
[54] **RECEPTEUR DE CYTOKINE**
[72] PRESNELL, SCOTT R., US
[72] NOVAK, JULIA E., US
[72] XU, WENFENG, US
[72] GRANT, FRANCIS J., US
[72] WHITMORE, THEODORE E., US
[72] KLUCHER, KEVIN M., US
[72] KINDSVOGEL, WAYNE R., US
[71] ZYMOGENETICS, INC., US
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[54] **PIPE REPAIR SYSTEM AND DEVICE**
[54] **SYSTEME ET DISPOSITIF DE REPARATION POUR TUYAUX**
[72] BALL, DANIEL GRAHAM (DECEASED), GB
[71] GLOWAY INTERNATIONAL, INC., VG
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[54] PYRAZOLE COMPOUNDS AS
ANTI-INFLAMMATORY AND
ANALGESIC AGENTS

[54] COMPOSES DE PYRAZOLE EN
TANT QU'AGENTS ANTI-
INFLAMMATOIRES ET
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[72] YAMAGISHI, TATSUYA, JP

[72] NUKUI, SEIJI, JP

[72] NAKAO, KAZUNARI, JP

[72] HIRANO, MISATO, JP

[71] PFIZER INC., US

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[54] DERIVATIVES OF THE NF-
KAPPAB INDUCING ENZYME, THEIR
PREPARATION AND USE

[54] DERIVES DE L'ENZYME
INDUCTRICE DU FC-KAPPAB, LEUR
PREPARATION ET UTILISATION

[72] WALLACH, DAVID, IL

[72] RAMAKRISHNAN,

PARAMESWARAN, IL

[72] SHMUSHKOVICH, TAISIA, IL

[71] YEDA RESEARCH AND

DEVELOPMENT CO. LTD., IL

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[54] CAPSULE CONTAINING A MIXER
SUBSTANCE FOR BOTTLES

CONTAINING PRESSURISED LIQUIDS

[54] CAPSULE RENFERMANT UNE

SUBSTANCE DE MELANGE POUR

BOUEILLES CONTENANT DES

LIQUIDES SOUS PRESSION

[72] MORINI, EMILIO, IT

[71] BORMIOLI ROCCO & FIGLIO S.P.A.,

IT

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[54] 2,5-BIS-DIAMINE-'1,4]

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THE TREATMENT OF ALZHEIMER'S

DISEASE A PROCESS FOR THEIR

PREPARATION AND INTERMEDIATES

THEREFOR

[54] DERIVES DE BENZOQUINONE 2,5-

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TRAITEMENT DE LA MALADIE

D'ALZHEIMER, LEURS PROCEDES DE

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UTILISES DANS LEDIT PROCEDE

[72] ANDRISANO, VINCENZA, IT

[72] BOLOGNESI, MARIA LAURA, IT

[72] BARTOLINI, MANUELA, IT

[72] RECANATINI, MAURIZIO, IT

[72] MELCHIORRE, CARLO, IT

[72] CAVALLI, ANDREA, IT

[71] ALMA MATER STUDIORUM-

UNIVERSITA' DI BOLOGNA, IT

[71] LAY LINE GENOMICS S.P.A., IT

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[54] CARBOXYLIC ACID DERIVATIVE

[54] DERIVE D'ACIDE

CARBOXYLIQUE

[72] SAITO, SHUJI, JP

[72] SUGA, YOICHIRO, JP

[72] SHIBUYA, MASABUMI, JP

[72] SATO, MASAKAZU, JP

[71] TAISHO PHARMACEUTICAL CO.,

LTD., JP

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[54] EAR PAD, AND EARPHONE WITH
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[54] OREILLETTE ET ECOUTEUR

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[72] SETO, SHINJI, JP

[71] NAP ENTERPRISE CO., LTD., JP

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[51] **Int.Cl. 7C08L 101/00 7A61L 15/24 7B01J 20/26**
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[54] **PARTICULATE WATER ABSORBENT CONTAINING WATER ABSORBENT RESIN AS A MAIN COMPONENT**
[54] **ABSORBANT PARTICULAIRE D'EAU RENFERMANT UNE RESINE ABSORBANT L'EAU COMME COMPOSANT PRINCIPAL**
[72] ADACHI, YOSHIFUMI, JP
[72] KITANO, TAKAHIRO, JP
[72] NOGI, KOZO, JP
[72] FUJIMARU, HIROTAMA, JP
[71] NIPPON SHOKUBAI CO., LTD., JP
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[25] EN
[54] **ANTIVIRAL THERAPY ON THE BASIS OF RNA INTERFERENCE**
[54] **THERAPIE ANTIVIRALE FONDEE SUR UNE INTERFERENCE DE L'ARN**
[72] DE HAAN, PETRUS THEODORUS, NL
[71] VIRUVATION B.V., NL
[85] 2004-10-08
[86] 2003-04-11 (PCT/NL2003/000279)
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[25] EN
[54] **SEMICONDUCTOR DIODE LASER SPECTROMETER ARRANGEMENT AND METHOD**
[54] **ENSEMBLE SPECTROMETRE A LASER A DIODE A SEMI-CONDUCTEUR**
[72] LANGFORD, NIGEL, GB
[72] DUXBURY, GEOFFREY, GB
[72] NORMAND, ERWAN, GB
[71] CASCADE TECHNOLOGIES LTD., GB
[71] NORMAND, ERWAN, GB
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[51] **Int.Cl. 7B01D 39/18 7B01D 39/16**
[25] EN
[54] **COFORM FILTER MEDIA HAVING INCREASED PARTICLE LOADING CAPACITY**
[54] **MILIEUX FILTRANTS DU TYPE COFORM AYANT UNE CAPACITE ACCRUE DE CHARGEMENT DE PARTICULES**
[72] COX, RONALD C., US
[72] DEKA, GANESH CHANDRA, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2004-10-12
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[30] US (10/133,599) 2002-04-26

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[51] **Int.Cl. 7B23Q 16/00 7B41F 27/00 7B23Q 3/18**
[25] EN
[54] **POSITIONING DEVICE, ESPECIALLY FOR OFFSET PLATES**
[54] **DISPOSITIF DE POSITIONNEMENT, EN PARTICULIER POUR DES PLAQUES DE DECALAGE**
[72] WATTYN, BART, BE
[71] STROBBE GRAPHICS N.V., BE
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[51] **Int.Cl. 7B63B 21/22**
[25] EN
[54] **IMPROVEMENTS IN BOWSPRITS**
[54] **AMELIORATIONS APORTEES AUX BEAUPRES**
[72] FRANCIS, REX WILLIAM, AU
[71] FRANCIS, REX WILLIAM, AU
[85] 2004-10-12
[86] 2003-04-24 (PCT/AU2003/000490)
[87] 2003-11-06 (WO2003/091091)
[30] AU (PS 1983) 2002-04-26

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[13] A1
[51] **Int.Cl. 7B01D 21/24 7B01D 21/34**
[25] EN
[54] **DILUTION APPARATUS FOR A THICKENER**
[54] **APPAREIL DE DILUTION POUR EPAISSISSANT**
[72] BELKE, JEFFREY VICTOR, AU
[72] TAYLOR, DAVID JOHN BUCHANAN, AU
[71] OUTOKUMPU OYI, FI
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[30] AU (PS 2177) 2002-05-07

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[54] **ANTIBODY FRAGMENTS SPECIFIC FOR HUMAN CANCINOEMBRYONIC ANTIGEN (CEA)**
[54] **FRAGMENTS D'ANTICORPS SPECIFIQUES POUR L'ANTIGENE CARCINOEMBRYONNAIRE (ACE) HUMAIN**
[72] GAVILONDO COWLEY, JORGE VICTOR, CU
[72] AYALA AVILA, MARTA, CU
[72] CREMATA ALVAREZ, JOSE ALBERTO, CU
[72] GONZALEZ LOPEZ, LUIS JAVIER, CU
[72] ROQUE NAVARRO, LOURDES TATIANA, CU
[72] MONTESINO SEGUI, RAQUEL, CU
[72] BELL GARCIA, HANSSEL, CU
[72] ACEVEDO CASTRO, BORIS ERNESTO, CU
[72] FREYRE ALMEIDA, FREYA DE LOS MILAGROS, CU
[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA (CIGB), CU
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[13] A1

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[54] **FILTER DEVICE WITH A SEGMENTED DESIGN**
[54] **ENSEMBLE FILTRE A STRUCTURE SEGMENTEE**
[72] KEMMELMEYER, WERNER, DE
[71] KEMMELMEYER, WERNER, DE
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[87] 2003-11-20 (WO2003/095064)
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[13] A1

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[25] EN
[54] **METHOD AND COMPUTER FOR EXPERIMENTAL DESIGN**
[54] **PROCEDE ET SYSTEME INFORMATIQUE POUR PLANIFIER DES ESSAIS**
[72] SCHUPPERT, ANDREAS, DE
[72] OHRENBERG, ARNE, DE
[71] BAYER TECHNOLOGY SERVICES GMBH, DE
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[87] 2003-10-23 (WO2003/087957)
[30] DE (102 16 558.0) 2002-04-15

[21] **2,482,414**
[13] A1

[51] **Int.Cl. 7C07C 253/30 7C07C 255/56**
[25] EN
[54] **METHOD FOR PRODUCING 3-TRIFLUOROMETHYLPHENYL-4-CYANOBENZYL KETONE**
[54] **PROCEDE POUR PRODUIRE DE LA CETONE 3-TRIFLUOROMETHYLE PHENYLE-4-CYANOBENZYLE**
[72] KEIL, MICHAEL, DE
[72] OTT, CHRISTIAN, DE
[72] ENGEL, STEFAN, DE
[72] RACK, MICHAEL, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
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[54] **OPTIMIZED INFORMATION TRANSFER ASSOCIATED WITH RELOCATION OF AN IP SESSION IN A MOBILE COMMUNICATIONS SYSTEM**
[54] **TRANSFERT D'INFORMATIONS OPTIMALISE ASSOCIE A LA TRANSLATION D'UNE SESSION IP DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] NARAYANAN, RAM GOPAL LAKSHMI, US
[72] CHASKAR, HEMANT M., US
[72] TROSSEN, DIRK, US
[72] KRISHNAMURTHI, GOVINDARAJAN, US
[72] PAVEL, DANA, US
[71] NOKIA CORPORATION, FI
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[87] 2003-11-06 (WO2003/092314)
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[25] EN
[54] **METHOD AND DEVICE FOR DETECTING LEAKS IN RECIPROCATING MACHINERY**
[54] **PROCEDE ET DISPOSITIF DESTINES A DETECTER DES FUTES DANS UNE MACHINE ALTERNATIVE**
[72] KYLLINGSTAD, AGE, NO
[71] NATIONAL OILWELL NORWAY AS, NO
[85] 2004-10-12
[86] 2003-04-10 (PCT/NO2003/000116)
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[72] TSAI, JOHN C., US
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[25] EN
[54] **METHOD FOR CONTROLLING SUBSCRIBER ACCOUNTS IN CONNECTION WITH A PRE-PAID IN PLATFORM, AND A PRE-PAID MEDIATOR**
[54] **PROCEDE DE GESTION DE COMMANDE DE COMPTES ABONNES EN RELATION AVEC UNE PLATEFORME PREPAYEE DE RESEAU INTELLIGENT ET UN MEDIATEUR PREPAYE**
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[72] PASONEN, KARI, FI
[71] COMPTEL CORPORATION, FI
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[86] 2003-04-23 (PCT/FI2003/000324)
[87] 2003-11-06 (WO2003/091918)
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[54] **AN ORTHODONTIC APPLIANCE**
[54] **APPAREIL ORTHODONTIQUE**
[72] KANGASNIEMI, ILKKA, FI
[72] LASSILA, LIPPO, FI
[72] VALLITTU, PEKKA, FI
[71] STICK TECH OY, FI
[85] 2004-10-12
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[87] 2003-11-13 (WO2003/092987)
[30] US (10/133,656) 2002-04-29

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[54] **DISPOSITIF DE PRISE DE VUES COMPRENANT AU MOINS UN CODE**
[72] VRIJBURG, SJOERD GERARD, NL
[71] SNAPLINK SYSTEM B.V., NL
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[30] NL (1020376) 2002-04-12

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[54] **ANTENNA ADAPTATION TO MANAGE THE ACTIVE SET TO MANIPULATE SOFT HAND-OFF REGIONS**
[54] **ADAPTATION D'ANTENNE PERMETTANT LA GESTION D'UN ENSEMBLE ACTIF PAR LA MANIPULATION DE REGIONS DE TRANSFERT INTERCELLULAIRE SANS COUPURE**
[72] PROCTOR, JAMES A., JR., US
[71] IPC LICENCING, INC., US
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[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **CONSTANT LENGTH SIGNATURES FOR PARALLEL SEQUENCING OF POLYNUCLEOTIDES**
[54] **SIGNATURES DE LONGUEUR CONSTANTE POUR LE SEQUENCAGE EN PARALLELE DE POLYNUCLEOTIDES**
[72] FU, RONGDIAN, US
[72] FISCHER, ACHIM, DE
[72] HIEMISCH, HOLGER, DE
[72] BRENNER, SYDNEY, US
[72] WALKER, ROGER, US
[72] VERMAAS, ERIC, US
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[30] US (60/375,782) 2002-04-26

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[25] EN
[54] **DEVICE AND METHOD FOR ENCODING A TIME-DISCRETE AUDIO SIGNAL AND DEVICE AND METHOD FOR DECODING CODED AUDIO DATA**
[54] **DISPOSITIF ET PROCEDE POUR CODER UN SIGNAL AUDIO A TEMPS DISCRET ET DISPOSITIF ET PROCEDE POUR DECODER DES DONNEES AUDIO CODEES**
[72] DEGUARA, JOACHIM, DE
[72] KOLLER, JURGEN, DE
[72] GEIGER, RALF, DE
[72] BRANDENBURG, KARLHEINZ, DE
[72] SPORER, THOMAS, DE
[72] HERRE, JURGEN, DE
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[87] 2003-10-23 (WO2003/088212)
[30] DE (102 17 297.8) 2002-04-18

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[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **METHOD FOR ORGANISING COMMUNICATION BETWEEN MANAGER OBJECTS AND MANAGED OBJECTS IN A COMMUNICATION NETWORK, ARCHITECTURE AND SOFTWARE THEREOF**
[54] **PROCEDE D'ORGANISATION DE COMMUNICATION ENTRE OBJETS GESTIONNAIRES ET OBJETS GERES DANS UN RESEAU DE COMMUNICATION, ARCHITECTURE ET LOGICIEL CORRESPONDANTS**
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[71] TELECOM ITALIA S.P.A., IT
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[25] EN
[54] **SCHEDULING A SHARED RESOURCE AMONG SYNCHRONOUS AND ASYNCHRONOUS PACKET FLOWS**
[54] **PROGRAMMATION D'UNE RESSOURCE PARTAGEE ENTRE DES FLUX DE PAQUETS SYNCHRONES ET ASYNCHRONES**
[72] LENZINI, LUCIANO, IT
[72] MINGOZZI, ENZO, IT
[72] STEA, GIOVANNI, IT
[72] SCARRONE, ENZO, IT
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[51] **Int.Cl. 7H04N 7/16 7G06F 17/30**
[25] EN
[54] **META DATA EDITION DEVICE, META DATA REPRODUCTION DEVICE, META DATA DISTRIBUTION DEVICE, META DATA SEARCH DEVICE, META DATA REPRODUCTION CONDITION SETTING DEVICE, AND META DATA DISTRIBUTION METHOD**
[54] **DISPOSITIF D'EDITION DE METADONNEES, DISPOSITIF DE REPRODUCTION DE METADONNEES, DISPOSITIF DE DISTRIBUTION DE METADONNEES, DISPOSITIF DE RECHERCHE DE METADONNEES, DISPOSITIF D'ETABLISSEMENT DE CONDITIONS DE REPRODUCTION DE METADONNEES, ET PROCEDE DE DISTRIBUTION DE METADONNEES**
[72] KURODA, SHINICHI, JP
[72] OTOI, KENJI, JP
[72] OGAWA, FUMINOBU, JP
[72] MORIYA, YOSHIMI, JP
[72] NISHIKAWA, HIROFUMI, JP
[72] ASAI, KOHTARO, JP
[72] YAMADA, YOSHIHISA, JP
[72] SEKIGUCHI, SHUNICHI, JP
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[54] **OLIGOMERIC COMPOUNDS HAVING MODIFIED PHOSPHATE GROUPS**
[54] **COMPOSES OLIGOMERES A GROUPES PHOSPHATE MODIFIES**
[72] PRAKASH, THAZHA P., US
[72] RAVIKUMAR, VASULINGA, US
[72] BHAT, BALKRISHEN, US
[71] ISIS PHARMACEUTICALS, INC., US
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[54] **DROP DOWN LUG FOR RAILROAD SWITCH APPLICATION**
[54] **BUTEE BASCULANTE POUR APPLICATION D'AIGUILLAGE DE CHEMIN DE FER**
[72] MCQUISTIAN, KEVIN M., US
[71] UNION SWITCH & SIGNAL, INC., US
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[51] **Int.Cl. 7E21B 21/08 7E21B 49/00 7E21B 47/06**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR PORE PRESSURE PREDICTION IN PRESENCE OF DIPPING FORMATIONS**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE PREDICTION DE PRESSION INTERSTITIELLE EN PRESENCE DE FORMATIONS INCLINEES**
[72] HOOYMAN, PATRICK J., US
[72] SAYERS, COLIN, US
[72] KASHIKAR, SUDHENDU, US
[71] SCHLUMBERGER TECHNOLOGY CORPORATION, US
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[30] US (60/371,541) 2002-04-10

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[25] EN
[54] **CONTROLLABLY DEGRADABLE POLYMERIC BIOMOLECULE OR DRUG CARRIER AND METHOD OF SYNTHESIZING SAID CARRIER**
[54] **EXCIPIENT DE MEDICAMENTS OU DE BIOMOLECULES POLYMERES DONT LA DEGRADATION EST CONTROLABLE ET PROCEDE DE SYNTHESE DE CET EXCIPIENT**
[72] MATSUMOTO, KENJI, US
[72] JI, SHOUPING, US
[72] DU, FUSHENG, US
[72] YU, LEI, US
[71] NITTO DENKO CORPORATION, JP
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[30] US (60/378,164) 2002-05-14
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[54] **REGULATED ETHYLENE SENSITIVITY TO CONTROL FLOWER LONGEVITY IN A PLANT**
[54] **SENSIBILITE A L'ETHYLENE REGULEE EN VUE DE REGULER LA LONGEVITE DES FLEURS DANS UNE PLANTE**
[72] TIEMAN, DENISE, US
[72] NOURIZADEH, SAEID, US
[72] CLARK, DAVID, US
[72] CIBULSKY, ROBERT J., US
[72] CIARDI, JOSEPH, US
[71] PLANTGENIX, INC., US
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[87] 2003-10-30 (WO2003/088738)
[30] US (60/374,555) 2002-04-22
[30] US (PCT/US02/34566) 2002-10-28

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[25] EN
[54] **OIL BODY ASSOCIATED PROTEIN COMPOSITIONS AND METHODS OF USE THEREOF FOR REDUCING THE RISK OF CARDIOVASCULAR DISEASE**
[54] **COMPOSITIONS PROTEIQUES ASSOCIEES A UN CORPS LIPIDIQUE ET LEURS METHODES D'UTILISATION DANS LA DIMINUTION DU RISQUE DE MALADIE CARDIO-VASCULAIRE**
[72] KARUNANANDAA, KANTHASAMY, US
[72] BRINGE, NEAL A., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2004-10-15
[86] 2003-04-17 (PCT/US2003/012009)
[87] 2003-10-30 (WO2003/088749)
[30] US (60/373,460) 2002-04-18

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[13] A1

[51] **Int.Cl. 7G01M 17/02**
[25] EN
[54] **IMPROVEMENTS IN TIRE UNIFORMITY TESTING**
[54] **AMELIORATIONS APORTEES A LA VERIFICATION DE L'UNIFORMITE DES PNEUS**
[72] BEEBE, JAMES, US
[72] MATUSZNY, RICHARD, US
[72] CARGOULD, BARRY, US
[71] ILLINOIS TOOL WORKS, INC., US
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[87] 2003-10-30 (WO2003/089893)
[30] US (60/374,793) 2002-04-22
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[25] EN
[54] **METHOD TO ENHANCE HOMOLOGOUS RECOMBINATION**
[54] **METHODE DESTINEE A AMELIORER UNE RECOMBINAISON HOMOLOGUE**
[72] SLATER, MICHAEL R., US
[72] FRIEDMAN-OHANA, RACHEL, US
[72] GRINTER, NIGEL J., US
[71] PROMEGA CORPORATION, US
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[30] US (60/373,100) 2002-04-16

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[25] EN
[54] **PYRROLIDINIUM DERIVATIVES AS ANTAGONISTS OF M3 MUSCARINIC RECEPTORS**
[54] **NOUVEAUX DERIVES DU PYRROLIDINIUM**
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[72] FERNANDEZ FORNER, MARIA DOLORS, ES
[71] ALMIRALL PRODESFARMA AG, CH
[85] 2004-10-13
[86] 2003-04-11 (PCT/EP2003/003786)
[87] 2003-10-23 (WO2003/087094)
[30] ES (200200889) 2002-04-16

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[13] A1

[51] **Int.Cl. 7C08K 5/3435**
[25] EN
[54] **FLAME RETARDANT POLYMER COMPOSITIONS CONTAINING HYDROXYLAMINE ESTERS**
[54] **COMPOSITIONS DE POLYMERES IGNIFUGES CONTENANT DES ESTERS HYDROXYLAMINES**
[72] LESLIE, GRANT, CH
[72] ROTH, MICHAEL, DE
[72] KAPRINIDIS, NIKOLAS, US
[72] KING, ROSWELL EASTON, US
[72] NESVADBA, PETER, CH
[72] SIMON, DIRK, DE
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
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[30] EP (02405310.0) 2002-04-17

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[13] A1

[51] **Int.Cl. 7A61K 31/41 7A61P 7/02**
[25] EN
[54] **USE OF VALSARTAN OT ITS METABOLITE TO INHIBIT PLATELET AGGREGATION**
[54] **UTILISATION DE VALSARTAN OU DE SON METABOLITE POUR INHIBER L'AGREGATION PLAQUETTAIRE**
[72] MALININ, ALEX, US
[72] SEREBRUANY, VICTOR L., US
[72] WEBB, RANDY LEE, US
[71] NOVARTIS AG, CH
[85] 2004-10-13
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[87] 2003-11-20 (WO2003/094915)
[30] US (60/380,373) 2002-05-14
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[13] A1

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[25] EN
[54] **METHOD AND SYSTEM OF PROVIDING A PRODUCT IN A REFILLABLE CONTAINER**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION D'UN PRODUIT DANS UN CONTENANT REUTILISABLE**
[72] OUTLAW, TINA O., US
[72] SCHUMAN, ALLAN L., US
[72] ANDERSON, BRYAN M., US
[72] OLSON, KEITH E., US
[71] ECOLAB INC., US
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[87] 2003-11-20 (WO2003/095354)
[30] US (60/379,881) 2002-05-10
[30] US (10/434,392) 2003-05-08

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[25] EN
[54] **2-(2,6-DICHLOROPHENYL)-DIARYLIMIDAZOLES**
[54] **2-(2,6-DICHLOROPHENYL)-DIARYLIMIDAZOLES**
[72] BRANDT, MICHAEL, DE
[72] KRELL, HANS-WILLI, DE
[72] FERTIG, GEORG, DE
[72] VON HIRSCHHEYDT, THOMAS, DE
[72] VOSS, EDGAR, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[30] EP (02008228.5) 2002-04-18

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[13] A1

[51] **Int.Cl. 7C07D 487/04**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF ZALEPLON**
[54] **PROCEDE DE PREPARATION DE ZALEPLON**
[72] WIECZOREK, MACIEJ, PL
[72] STAWINSKI, TOMASZ, PL
[72] KORYCINSKA, MONIKA, PL
[71] ADAMED SP. Z O.O., PL
[85] 2004-10-13
[86] 2003-05-12 (PCT/PL2003/000043)
[87] 2003-11-20 (WO2003/095456)
[30] PL (P-353870) 2002-05-14

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[13] A1

[51] **Int.Cl. 7H01J 49/04 7G01N 35/00**
[25] EN
[54] **SAMPLING PROBE MICROARRAY READ OUT USING ELECTROSPRAY MASS SPECTROMETRY**
[54] **LECTURE DE MICRO-RESEAU DE SONDRES D'ECHANTILLONNAGE A L'AIDE DE SPECTROMETRIE DE MASSE PAR ELECTRONEBULISATION**
[72] VAN BERKEL, GARY J., US
[71] UT-BATELLE, LLC, US
[85] 2004-10-13
[86] 2003-04-09 (PCT/US2003/010835)
[87] 2003-10-30 (WO2003/090249)
[30] US (10/123,629) 2002-04-16

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[13] A1

[51] **Int.Cl. 7A61K 31/4545 7C07D 471/04 7C07D 487/04 7A61P 37/08 7C07D 401/14 7A61K 31/4184**
[25] EN
[54] **1-(4-PIPERIDINYL) BENZIMIDAZOLONES AS HISTAMINE H3 ANTAGONISTS**
[54] **1-(4-PIPERIDINYL) BENZIMIDAZOLONES UTILISES EN TANT QU'ANTAGONISTES DU RECEPTEUR H3 DE L'HISTAMINE**
[72] MANGIARACINA, PIETRO, US
[72] TOM, WING C., US
[72] ZENG, QINGBEI, US
[72] MC CORMICK, KEVIN D., US
[72] MUTAHI, MWANGI W., US
[72] ROSENBLUM, STUART B., US
[72] TING, PAULINE C., US
[72] CAO, JIANHUA, US
[72] SOLOMON, DANIEL M., US
[72] BOYCE, CHRISTOPHER W., US
[72] BERLIN, MICHAEL Y., US
[72] ASLANIAN, ROBERT G., US
[72] SHIH, NENG-YANG, US
[71] SCHERING CORPORATION, US
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[86] 2003-04-16 (PCT/US2003/011696)
[87] 2003-12-18 (WO2003/103669)
[30] US (60/373,467) 2002-04-18

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[13] A1

[51] **Int.Cl. 7F23G 5/12**
[25] EN
[54] **IMPROVED APPARATUS FOR WASTE GASIFICATION**
[54] **APPAREIL AMELIORE DESTINE A LA GAZEIFICATION DE DECHETS**
[72] POPE, MICHAEL G., US
[71] SENREQ, LLC, US
[85] 2004-10-13
[86] 2003-05-16 (PCT/US2003/016066)
[87] 2003-11-27 (WO2003/098111)
[30] US (60/381,958) 2002-05-17
[30] US (10/439,398) 2003-05-16

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[13] A1

[51] **Int.Cl. 7G01N 33/48 7G01N 1/18**
[25] EN
[54] **CENTRIFUGAL CYTOLOGY SYSTEM, CHAMBER BLOCK AND METHOD FOR THE PREPARATION OF TREATED MONOLAYERS OF SAMPLE MATERIAL**
[54] **SYSTEME DE CYTOLOGIE CENTRIFUGE, UNITE CHAMBRE ET PROCEDE PERMETTANT DE PREPARER DES COUCHES SIMPLES TRAITEES D'UN MATERIAU ECHANTILLON**
[72] LEIF, ROBERT CARY, US
[71] NEWPORT INSTRUMENTS, US
[85] 2004-10-13
[86] 2003-04-14 (PCT/US2003/011394)
[87] 2003-12-18 (WO2003/104801)
[30] US (60/372,549) 2002-04-13

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[51] **Int.Cl. 7G01N 33/53 7C07K 16/00**
[25] EN
[54] **ANTIBODIES SPECIFIC FOR MUCIN POLYPEPTIDE**
[54] **ANTICORPS SPECIFIQUES DU POLYPEPTIDE DE MUCINE**
[72] HENDERIKX, MARIA PAULINA GODELIEVE, BE
[72] HOOGENBOOM, HENDRICUS R. J. M., NL
[72] EDGE, ALBERT S. B., US
[71] DYAX CORPORATION, US
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[86] 2003-04-16 (PCT/US2003/011808)
[87] 2003-10-30 (WO2003/089451)
[30] US (60/374,432) 2002-04-22

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[13] A1
[51] **Int.Cl. 7C07K 1/00**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REGULATION OF PLANT GAMMA-TOCOPHEROL METHYLTRANSFERASE**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE REGULER LA GAMMA-TOCOPHEROL METHYLTRANSFERASE VEGETALE**
[72] LI, GUOFU, US
[72] VENKATRAMESH, MYLAVARAPU, US
[72] JAMIESON, ANDREW, US
[72] LIU, QIANG, US
[72] REBAR, EDWARD, US
[71] SANGAMO BIOSCIENCES, INC., US
[85] 2004-10-14
[86] 2003-04-17 (PCT/US2003/011980)
[87] 2003-10-30 (WO2003/089452)
[30] US (60/373,488) 2002-04-17
[30] US (60/385,992) 2002-06-04
[30] US (60/442,470) 2003-01-24

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[13] A1
[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **PEPTIDE INHIBITORS OF PROTEIN KINASE C**
[54] **INHIBITEURS PEPTIDIQUES DE LA PROTEINE KINASE C**
[72] MOCHLY-ROSEN, DARIA, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2004-10-14
[86] 2003-04-22 (PCT/US2003/012541)
[87] 2003-10-30 (WO2003/089456)
[30] US (60/374,530) 2002-04-22

[21] **2,482,607**
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[51] **Int.Cl. 7C07K 19/00 7A01H 1/00 7C12N 5/10 7C12N 15/13 7C07K 16/14 7C12N 9/24 7C12N 15/62 7C07K 14/79 7C12N 15/82**
[25] EN
[54] **ANTIBODIES, RECOMBINANT ANTIBODIES, RECOMBINANT ANTIBODY FRAGMENTS AND FUSIONS MEDIATED PLANT DISEASE RESISTANCE AGAINST FUNGI**
[54] **RESISTANCE DES PLANTES AUX MOISSURES EXERCEE PAR DES ANTICORPS, DES ANTICORPS RECOMBINES, DES FRAGMENTS ET DES FUSIONS D'ANTICORPS RECOMBINES**
[72] PESCHEN, DIETER, DE
[72] DORFMUELLER, SIMONE, DE
[72] FISCHER, RAINER, DE
[72] SCHILLBERG, STEFAN, DE
[72] LIAO, YU-CAI, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUE FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2003-04-14 (PCT/EP2003/003852)
[87] 2003-10-30 (WO2003/089475)
[30] EP (02008929.8) 2002-04-22
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[13] A1
[51] **Int.Cl. 7C07D 451/02 7A61P 11/06 7A61K 31/46**
[25] EN
[54] **NEW ESTERS OF HYDROXY-SUBSTITUTED NITROGEN HETEROCYCLES AS ANTAGONISTS OF THE MUSCARINIC M3 RECEPTOR, PROCESSES FOR THE PREPARATION THEREOF AS WELL AS THE USE THEREOF AS PHARMACEUTICAL COMPOSITIONS**
[54] **NOUVEAUX ESTERS D'HETEROCYCLES D'AZOTE SUBSTITUES PAR UN HYDROXY UTILISES COMME ANTAGONISTES DU RECEPTEUR M3 MUSCARINIQUE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION COMME MEDICAMENTS**
[72] SPECK, GEORG, DE
[72] GRAUERT, MATTHIAS, DE
[72] PIEPER, MICHAEL P., DE
[72] POHL, GERALD, DE
[72] BREITFELDER, STEFFEN, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
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[30] DE (102 16 339.1) 2002-04-13

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[13] A1
[51] **Int.Cl. 7B01J 13/14 7C08F 299/04**
[25] EN
[54] **MICROCAPSULES FOR THE PRODUCTION OF STORAGE-STABLE UNSATURATED POLYMER COMPOSITIONS**
[54] **MICROCAPSULES POUR LA PRODUCTION DE COMPOSITIONS POLYMERIQUES INSATUREES STABLES AU STOCKAGE**
[72] LIENERT, KLAUS-WILHELM, DE
[72] HEGEMANN, GUNTHER, DE
[72] SHEIHAM, IVAN, GB
[72] DUNBAR, WILLIAM D., US
[72] BANACH, TIMOTHY EDWARD, US
[71] SCHENECTADY INTERNATIONAL INC., US
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[87] 2003-10-23 (WO2003/086611)
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[25] EN
[54] **CRYSTAL FORMS OF N-(TRANS-4-ISOPROPYLCYCLOHEXYLCARBONYL)-D-PHENYLALANINE**
[54] **FORMES CRISTALLINES DE N-(TRANS-4-ISOPROPYLCYCLOHEXYLCARBONYL)-D-PHENYLALANINE**
[72] SUTTON, PAUL ALLEN, US
[71] NOVARTIS AG, CH
[85] 2004-10-12
[86] 2003-04-14 (PCT/EP2003/003864)
[87] 2003-10-23 (WO2003/087038)
[30] US (60/372,625) 2002-04-15

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[13] A1
[51] **Int.Cl. 7H04L 12/24 7H04L 29/06**
[25] EN
[54] **METHOD AND DEVICE FOR MANAGEMENT OF TREE DATA EXCHANGE**
[54] **PROCEDE ET DISPOSITIF DE GESTION D'ECHANGE DE DONNEES EN ARBORESCENCE**
[72] HARTIKAINEN, RAUNO, HU
[72] SAHINOJA, MIKKO, FI
[71] NOKIA CORPORATION, FI
[85] 2004-10-12
[86] 2002-04-30 (PCT/IB2002/001441)
[87] 2003-11-13 (WO2003/094435)

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[51] **Int.Cl. 7C07D 307/79 7A61P 9/00 7A61P 3/10 7A61P 9/10 7A61P 9/12 7A61K 31/343**
[25] EN
[54] **MEDICINAL COMPOSITION FOR IMPROVING ANGIOTENSION-REGULATING FUNCTION OF BLOOD VESSEL ENDOTHELIUM**
[54] **COMPOSITION MEDICINALE PERMETTANT D'AMELIORER LA FONCTION DE REGULATION DE L'ANGIOTENSINE DE L'ENDOTHELIUM DE VAISSEAU SANGUIN**
[72] KAWABE, YOSHIKI, JP
[72] CYNISHI, OSAMU, JP
[72] KOMORI, TOSHIHIKO, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2004-10-12
[86] 2003-04-18 (PCT/JP2003/004987)
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[30] JP (2002-116419) 2002-04-18

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[13] A1
[51] **Int.Cl. 7C12N 5/02 7C12Q 1/02 7C12N 5/06 7C12N 15/09 7A61P 3/10 7A61K 35/39**
[25] EN
[54] **METHOD OF FORMING PANCREATIC .BETA. CELLS FROM MESENCHYMAL CELLS**
[54] **METHODE DE FORMATION DE CELLULES PANCREATIQUES .BETA. A PARTIR DE CELLULES MESENCHYMALES**
[72] IZAWA, YOSHIKANE, JP
[72] UMEZAWA, AKIHIRO, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2004-10-14
[86] 2003-04-16 (PCT/JP2003/004812)
[87] 2003-10-23 (WO2003/087349)
[30] JP (2002/115201) 2002-04-17

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[13] A1
[51] **Int.Cl. 7C12N 15/12 7C12N 15/09 7C12N 5/10 7A61K 38/17 7C07K 16/28 7A61K 39/395 7C12N 15/63 7A61K 31/713 7C07K 14/715**
[25] EN
[54] **DERIVATIVES OF THE IL-2 RECEPTOR GAMMA CHAIN, THEIR PRODUCTION AND USE.**
[54] **DERIVES DE LA CHAINE GAMMA DU RECEPTEUR IL-2, PRODUCTION ET UTILISATION DE CEUX-CI**
[72] RAMAKRISHNAN, PARAMESWARAN, IL
[72] SHMUSHKOVICH, TAISIA, IL
[72] WALLACH, DAVID, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2004-10-14
[86] 2003-04-15 (PCT/IL2003/000316)
[87] 2003-10-23 (WO2003/087374)
[30] IL (149217) 2002-04-18
[30] IL (152183) 2002-10-08

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[13] A1
[51] **Int.Cl. 7E04G 3/00 7E04G 3/10**
[25] EN
[54] **SCAFFOLDING DEVICE FOR WORK ON INNER WALL FACE OF TOWER VESSEL BODY, AND METHOD OF WORK ON INNER WALL FACE USING THE SCAFFOLDING DEVICE**
[54] **DISPOSITIF D'ECHAFAUDAGE POUR TRAVAIL SUR LA FACE DE PAROI INTERIEURE D'UN CORPS DE RECIPIENT EN FORME DE TOUR, ET PROCEDE DE TRAVAIL SUR LA FACE D'UNE PAROI INTERIEURE, FAISANT APPEL A CE DISPOSITIF D'ECHAFAUDAGE**
[72] ITO, MASAOKI, JP
[72] FUJIWARA, REIKI, JP
[71] DAIO PAPER CORPORATION, JP
[85] 2004-10-12
[86] 2003-06-03 (PCT/JP2003/007046)
[87] 2003-12-18 (WO2003/104585)
[30] JP (2002-163776) 2002-06-05

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[13] A1
[51] **Int.Cl. 7E21B 19/16**
[25] EN
[54] **PROTECTIVE SLEEVE FOR THREADED CONNECTIONS FOR EXPANDABLE LINER HANGER**
[54] **MANCHON DE PROTECTION A ELEMENTS DE RACCORDEMENT FILETES POUR SUSPENSION DE LA COLONNE PERDUE**
[72] RING, LEV, US
[72] COOK, ROBERT LANCE, US
[72] BULLOCK, MICHAEL, US
[72] HOCKADAY, JOEL GRAY, US
[72] WADDELL, KEVIN K., US
[72] COSTA, SCOTT, US
[72] KENDZIORA, LARRY, US
[72] BRISCO, DAVID PAUL, US
[72] JACKSON, TANCE, US
[71] ENVENTURE GLOBAL TECHNOLOGY, US
[85] 2004-10-12
[86] 2003-03-04 (PCT/US2003/006544)
[87] 2003-10-23 (WO2003/086675)
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[13] A1

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[54] **HIV ENVELOPE-CD4 COMPLEXES AND HYBRIDS**
[54] **COMPLEXES ET HYBRIDES D'ENVELOPPE VIH/CD4**
[72] SRIVASTAVA, INDRESH, US
[72] BARNETT, SUSAN W., US
[71] CHIRON CORPORATION, US
[85] 2004-10-12
[86] 2003-05-07 (PCT/US2003/014575)
[87] 2004-05-06 (WO2004/037847)
[30] US (60/378,543) 2002-05-07
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[21] **2,482,824**
[13] A1

[51] **Int.Cl. 7G01N 33/68 7C12Q 1/02 7G01N 33/50 7C12Q 1/68**
[25] EN
[54] **METHOD FOR THE IDENTIFICATION OF MODULATORS OF A SECRETASE ACTIVITY**
[54] **PROCEDE POUR IDENTIFIER DES MODULATEURS D'UNE ACTIVITE DE SECRETASE**
[72] LUETHI, URS, CH
[72] BARBERIS, ALCIDE, CH
[72] MIDDENDORP, OLIVER MICHAEL, CH
[71] ESBATECH AG, CH
[85] 2004-10-18
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[87] 2003-10-23 (WO2003/087842)

[21] **2,482,938**
[13] A1

[51] **Int.Cl. 7A61K 39/395 7C07K 16/28 7A61K 39/44**
[25] EN
[54] **ANTIBODIES THAT SPECIFICALLY BIND TO TR2**
[54] **ANTICORPS SE LIANT SPECIFIQUEMENT A TR2**
[72] RUBEN, STEVEN M., US
[72] ROSEN, CRAIG A., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2004-10-12
[86] 2003-04-10 (PCT/US2003/010955)
[87] 2003-10-23 (WO2003/086301)
[30] US (60/371,722) 2002-04-12

[21] **2,482,769**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12P 21/00 7C12N 15/63**
[25] EN
[54] **"DOPING" IN WALK-THROUGH MUTAGENESIS**
[54] **= DANS LA MUTAGENESE TRAVERSANTE**
[72] CREA, ROBERTO, US
[72] CAPPUCILLI, GUIDO, US
[71] CREA, ROBERTO, US
[71] CAPPUCILLI, GUIDO, US
[85] 2004-10-15
[86] 2003-04-16 (PCT/US2003/011935)
[87] 2003-10-30 (WO2003/089671)
[30] US (60/373,686) 2002-04-17

[21] **2,482,915**
[13] A1

[51] **Int.Cl. 7C12N 15/09 7C12Q 1/02 7C12N 5/10 7C07K 14/705**
[25] EN
[54] **ENDOCRINE CELL LINES AND METHOD OF USING THE SAME**
[54] **LIGNEES DE CELLULES ENDOCRINIENNES ET PROCEDE D'UTILISATION DESDITES LIGNEES**
[72] OBINATA, MASUO, JP
[72] SAEKI, SATOSHI, JP
[72] NISHI, TATSUNARI, JP
[72] SUZUKI, MISAKO, IT
[72] SASAKI, KATSUTOSHI, JP
[72] MIURA, KAZUMI, JP
[72] KISHIMOTO, KAZUYA, JP
[72] KUNITOMO, HIROFUMI, JP
[71] KYOWA HAKKO KOGYO CO., LTD., JP
[85] 2004-10-15
[86] 2003-04-16 (PCT/JP2003/004840)
[87] 2003-10-23 (WO2003/087366)
[30] JP (2002-113030) 2002-04-16

[21] **2,482,946**
[13] A1

[51] **Int.Cl. 7A61K 39/21**
[25] EN
[54] **MULTI PLASMID SYSTEM FOR THE PRODUCTION OF INFLUENZA VIRUS**
[54] **SYSTEME MULTIPLASMIDE DE PRODUCTION DE VIRUS INFLUENZA**
[72] HOFFMAN, ERICH, US
[72] JIN, HONG, US
[72] KEMBLE, GEORGE WILLIAM, US
[72] LU, BIN, US
[72] DUKE, GREG, US
[71] MEDIMMUNE VACCINES, INC., US
[85] 2004-10-18
[86] 2003-04-25 (PCT/US2003/012728)
[87] 2003-11-06 (WO2003/091401)
[30] US (60/375,675) 2002-04-26
[30] US (60/394,983) 2002-07-09
[30] US (60/410,576) 2002-09-12
[30] US (60/419,802) 2002-10-18
[30] US (60/420,708) 2002-10-23
[30] US (60/457,699) 2003-03-24
[30] US (60/462,361) 2003-04-10

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[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/50**
[25] EN
[54] **MITOCHONDRIAL POLYMORPHISMS LINKED TO A PREDISPOSITION FOR THE DEVELOPMENT OF INAPPROPRIATE SCARRING OR FIBROSIS**
[54] **TESTS GENETIQUES**
[72] BAYAT, ARDESHIR, GB
[72] FERGUSON, MARK WILLIAM JAMES, GB
[72] OLLIER, WILLIAM ERNEST ROYCE, GB
[71] RENOVO LIMITED, GB
[85] 2004-10-15
[86] 2003-04-23 (PCT/GB2003/001717)
[87] 2003-11-13 (WO2003/093506)
[30] GB (0209812.7) 2002-04-30

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[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7A01N 43/04 7A61K 31/07**
[25] EN
[54] **A DNA ENZYME TO INHIBIT PLASMINOGEN ACTIVATOR INHIBITOR-1**
[54] **ADNZYME PERMETTANT D'INHIBER L'INHIBITEUR DES ACTIVATEURS DU PLASMINOGENE DE TYPE 1 (PAI-1)**
[72] ITESCU, SILVIU, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2004-10-19
[86] 2003-04-23 (PCT/US2003/012767)
[87] 2003-11-06 (WO2003/091456)
[30] US (10/128,706) 2002-04-23

[21] **2,483,069**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C12Q 1/68**
[25] EN
[54] **NEW FLUORESCENCE BASED BIOSENSOR**
[54] **CAPTEUR A FLUORESCENCE**
[72] LU, YI, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2004-10-21
[86] 2003-03-18 (PCT/US2003/008483)
[87] 2003-11-20 (WO2003/095648)
[30] US (10/144,094) 2002-05-10

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[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12P 21/02 7G01N 33/68**
[25] EN
[54] **PROTEIN INTERACTION SYSTEM FOR MULTISUBUNIT COMPLEXES**
[54] **PROCEDE ET COMPOSITION D'INTERACTION DE PROTEINES**
[72] SEGAL, DONALD, CA
[72] CHAO, HEMAN, CA
[72] TIAN, BAOMIN, CA
[72] MCELROY, JERRY, CA
[72] WONG, WAH Y., CA
[71] HELIX BIOPHARMA CORPORATION, CA
[85] 2004-10-20
[86] 2003-04-24 (PCT/CA2003/000602)
[87] 2003-11-06 (WO2003/091273)
[30] US (60/375,627) 2002-04-25

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[13] A1

[51] **Int.Cl. 7G06F 13/42 7H04L 29/06 7H04L 29/08 7G06F 13/12 7G06F 15/17 7G06F 13/40**
[25] EN
[54] **SYSTEM, METHOD, AND PRODUCT FOR MANAGING DATA TRANSFERS IN A NETWORK**
[54] **SYSTEME, PROCEDE ET PRODUIT DESTINES A GERER DES TRANSFERTS DE DONNEES DANS UN RESEAU**
[72] RECIO, RENATO JOHN, US
[72] GREGG, THOMAS ANTHONY, US
[72] NEAL, DANNY MARVIN, US
[72] BEUKEMA, BRUCE LEROY, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-10-06
[86] 2003-04-01 (PCT/GB2003/001416)
[87] 2003-11-06 (WO2003/091888)
[30] US (10/132,456) 2002-04-25

[21] **2,483,201**
[13] A1

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[25] EN
[54] **MURINE ORTHOLOG OF THE HUMAN DISRUPTED-IN-SCHIZOPHRENIA 1 GENE**
[54] **ORTHOLOGUE MURIN DU GENE HUMAIN DE LA PROTEINE DISC-1 (DISRUPTED IN SCHIZOPHRENIA 1 GENE)**
[72] MA, LEI, US
[72] MORRIS, JILL A., US
[72] LIU, YUAN, US
[71] MERCK & CO., INC., US
[85] 2004-10-20
[86] 2003-05-20 (PCT/US2003/015741)
[87] 2003-12-04 (WO2003/099995)
[30] US (60/383,191) 2002-05-24

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[13] A1

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[25] EN
[54] **ALTERNATIVELY SPLICED NUCLEIC ACID MOLECULES**
[54] **MOLECULES D'ACIDES NUCLEIQUES A EPISSAGE ALTERNATIF**
[72] CRYSTAL, RONALD G., US
[72] HACKETT, NEIL R., US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2004-10-22
[86] 2003-04-24 (PCT/US2003/012709)
[87] 2003-11-06 (WO2003/091271)
[30] US (60/375,364) 2002-04-25

[21] **2,483,453**
[13] A1

[51] **Int.Cl. 7C07K 14/315 7A61K 39/09**
[25] EN
[54] **COMBINATION VACCINES INCLUDING IMMUNOGENIC GAPC AND CAMP FACTOR POLYPEPTIDES**
[54] **COMBINAISONS VACCINALES RENFERMANT LA PROTEINE IMMUNOGENE GAPC ET DES POLYPEPTIDES DE FACTEUR CAMP**
[72] FONTAINE, MICHAEL, GB
[72] PEREZ-CASAL, JOSE, CA
[72] POTTER, ANDREW A., CA
[72] BOLTON, ALEXANDRA J., CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2004-10-26
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[87] 2003-11-06 (WO2003/091279)
[30] US (10/134,297) 2002-04-26

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[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 49/00**
[25] EN
[54] **DELIVERY OF MICROPARTICLE-CONJUGATED DRUGS FOR INHIBITION OF STENOSIS**
[54] **ADMINISTRATION DE MEDICAMENTS CONJUGUES A DES MICRO-PARTICULES AUX FINS D'INHIBITION D'UNE STENOSE**
[72] IVERSEN, PATRICK L., US
[72] KIPSHIDZE, NICHOLAS, US
[71] AVI BIOPHARMA, INC., US
[85] 2004-10-25
[86] 2003-05-02 (PCT/US2003/013892)
[87] 2003-11-13 (WO2003/092741)
[30] US (10/138,589) 2002-05-03
[30] US (10/190,419) 2002-07-02

[21] **2,483,475**
[13] A1

[51] **Int.Cl. 7C07K 16/00 7C07K 16/28**
[25] EN
[54] **BISPECIFIC MOLECULES FOR USE IN THERAPY AND DIAGNOSIS OF IMMUNE RELATED AND OTHER DISEASES**
[54] **MOLECULES BISPECIFIQUES POUR LA THERAPIE ET LE DIAGNOSTIC DE MALADIES LIEES AUX REPONSES IMMUNITAIRES ET D'AUTRES MALADIES**
[72] UTKU, NALAN, DE
[71] GENPAT77 PHARMACOGENETICS AG, DE
[85] 2004-10-26
[86] 2003-04-25 (PCT/EP2003/004339)
[87] 2003-11-06 (WO2003/091285)
[30] EP (02009617.8) 2002-04-26

[21] **2,483,478**
[13] A1

[51] **Int.Cl. 7C12N 9/64 7A61P 7/04 7A61K 38/36 7C07K 14/745**
[25] EN
[54] **FACTOR VII OR VIIA POLYPEPTIDE VARIANTS**
[54] **VARIANTS POLYPEPTIDIQUES DU FACTEUR VII OU VIIA**
[72] HAANING, JESPER MORTENSEN, DK
[72] PEDERSEN, ANDERS HJELHOLT, DK
[72] ANDERSEN, KIM VILBOUR, DK
[71] MAYGEN HOLDINGS LTD., KY
[85] 2004-10-25
[86] 2003-04-29 (PCT/DK2003/000276)
[87] 2003-11-13 (WO2003/093465)
[30] US (60/376,679) 2002-04-30

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[13] A1

[51] **Int.Cl. 7C12N 9/48 7C07K 16/40 7G01N 33/50 7C12Q 1/68**
[25] EN
[54] **ENZYME AND SNP MARKER FOR DISEASE**
[54] **ENZYME ET MARQUEUR SNP POUR LE DEPISTAGE D'UNE MALADIE**
[72] COOKSON, WILLIAM OSMOND CHARLES MICHAEL, GB
[72] MOFFAT, MIRIAM FLEUR, GB
[72] LENCH, NICK, GB
[72] ALLEN, MAXINE, GB
[71] ISIS INNOVATION LIMITED, GB
[85] 2004-10-25
[86] 2002-04-24 (PCT/GB2002/001887)
[87] 2002-10-31 (WO2002/086113)
[30] GB (0110044.5) 2001-04-24
[30] GB (0110046.0) 2001-04-24
[30] GB (0124594.3) 2001-10-12
[30] GB (0124575.2) 2001-10-12

[21] **2,483,520**
[13] A1

[51] **Int.Cl. 7C12P 21/06 7A01K 67/00 7C07K 1/00 7C12P 5/00 7C12P 15/00 7C07H 21/02 7C07H 21/04 7A01N 43/04 7A01N 37/18**
[25] EN
[54] **ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF**
[54] **PROTEINES KINASES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT POUR CES PROTEINES KINASES HUMAINES, ET LEURS APPLICATIONS**
[72] NEELAM, BEENA, US
[72] YAN, XIANGHE, US
[72] YAN, CHUNHUA, US
[71] APPLERA CORPORATION, US
[85] 2004-10-25
[86] 2003-05-05 (PCT/US2003/013987)
[87] 2003-11-27 (WO2003/097793)
[30] US (60/377,592) 2002-05-06
[30] US (10/427,923) 2003-05-02

[21] **2,483,544**
[13] A1

[51] **Int.Cl. 7C12N 15/09 7A01H 5/00 7C12N 15/29 7C12N 15/82**
[25] EN
[54] **SEED SPECIFIC USP PROMOTERS FOR EXPRESSING GENES IN PLANTS**
[54] **PROMOTEURS USP SPECIFIQUES DE SEMENCES POUR L'EXPRESSION DE GENES DANS DES PLANTES**
[72] DABROWSKI, JOHN, US
[72] OULMASSOV, TIM N., US
[72] LIANG, JIHONG, US
[72] FAGALY, TANYA, US
[72] WANG, QI, US
[72] BASSUNER, RONALD, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2004-10-25
[86] 2003-05-05 (PCT/US2003/013848)
[87] 2003-11-13 (WO2003/092362)
[30] US (60/377,236) 2002-05-03
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[54] **CALICHEAMICIN DERIVATIVE-CARRIER CONJUGATES**
[54] **CONJUGUES DE TYPE VECTEUR-DERIVE DE CALICHEAMICINE**
[72] SIMPSON, JOHN MCLEAN, US
[72] JAIN, NEERA, US
[72] VIDUNAS, EUGENE JOSEPH, US
[72] RUBINO, JOSEPH THOMAS, US
[72] MORAN, JUSTIN KEITH, US
[72] ROBBINS, PAUL DAVID, US
[72] KUNZ, ARTHUR, US
[72] DAMLE, NITIN KRISHNAJI, US
[72] RUPPEN, MARK EDWARD, US
[72] POPPLEWELL, ANDREW GEORGE, GB
[72] DIJOSEPH, JOHN FRANCIS, US
[72] MERCHANT, NISHITH, US
[71] WYETH HOLDINGS CORPORATION, US
[85] 2004-10-26
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[25] EN
[54] **CHIMERIC CAMP FACTORS FOR VACCINATION AGAINST STREPTOCOCCUS INFECTION**
[54] **FACTEURS CAMP CHIMERES DESTINES A LA VACCINATION CONTRE LES INFECTIONS A STREPTOCOQUES**
[72] POTTER, ANDREW A., CA
[72] PEREZ-CASAL, JOSE, CA
[72] SONG, XINMING, CA
[72] FONTAINE, MICHAEL, GB
[71] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2004-10-26
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[25] EN
[54] **MITOTIC KINESIN INHIBITORS**
[54] **INHIBITEURS DE KINESINE MITOTIQUE**
[72] HARTMAN, GEORGE D., US
[72] COLEMAN, PAUL J., US
[72] NEILSON, LOU ANNE, US
[71] MERCK & CO., INC., US
[85] 2004-10-28
[86] 2003-05-19 (PCT/US2003/015861)
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[25] EN
[54] **FLUORESCENT PROTEIN**
[54] **PROTEINE FLUORESCENTE**
[72] KARASAWA, SATOSHI, JP
[72] TANASE, HIDETOMO, JP
[72] MIYAWAKI, ATSUSHI, JP
[72] ANDO, RYOKO, JP
[71] RIKEN, JP
[71] MEDICAL & BIOLOGICAL LABORATORIES CO., LTD., JP
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[86] 2003-02-25 (PCT/JP2003/002033)
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[13] A1

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[25] EN
[54] **BONT/E OR SNAP-25E FOR TREATING BOTULINUM TOXIN A OR C1 POISONING AND INHIBITING MUSCLE CONTRACTION**
[54] **BONT/E OU SNAP-25E UTILISES POUR TRAITER UNE INTOXICATION A LA TOXINE BOTULIQUE A OU C1 ET INHIBER LA CONTRACTION MUSCULAIRE**
[72] O'SULLIVAN, GREGORY, GB
[72] DOLLY, JAMES OLIVER, GB
[72] LISK, GODFREY, GB
[72] MEUNIER, FREDERIC ANDRE, GB
[72] FORAN, PATRICK, GB
[71] IMPERIAL COLLEGE INNOVATIONS LIMITED, GB
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[87] 2002-11-14 (WO2002/089834)
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[25] EN
[54] **NANOPARTICLE PROBES WITH RAMAN SPECTROSCOPIC FINGERPRINTS FOR ANALYTE DETECTION**
[54] **NANOPARTICULES SONDRES A EMPREINTES RAMAN DESTINEES A LA DETECTION D'ANALYTES**
[72] MIRKIN, CHAD, US
[72] CAO, YUN-WEI, US
[72] JIN, RONGCHAO, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2004-10-27
[86] 2003-05-07 (PCT/US2003/014100)
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[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **METHOD FOR TREATING ANXIETY AND MOOD DISORDERS IN OLDER SUBJECTS**
[54] **PROCEDE POUR TRAITER L'ANXIETE ET LES TROUBLES DE L'HUMEUR CHEZ DES SUJETS AGES**
[72] GERLAI, ROBERT THOMAS, US
[71] ELI LILLY AND COMPANY, US
[85] 2004-10-25
[86] 2003-04-17 (PCT/US2003/010473)
[87] 2003-11-06 (WO2003/090772)
[30] US (60/375,462) 2002-04-25

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[13] A1

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[25] EN
[54] **TRIMEGESTONE AND ESTROGENS FOR TREATING POST MENOPAUSAL DISORDERS**
[54] **TRIMEGESTONE ET OESTROGENES POUR LE TRAITEMENT DE TROUBLES POST-MENAUPOSIQUES**
[72] GRUBB, GARY SONDERMANN, US
[72] PICKAR, JAMES HARRISON, US
[71] WYETH, US
[85] 2003-11-04
[86] 2003-05-15 (PCT/US2003/015235)
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[25] EN
[54] **TEMPORAL SEED PROMOTERS**
FOR EXPRESSING GENES IN PLANTS
[54] **PROMOTEURS TEMPORELS DE**
SEMENCES DESTINES A EXPRIMER
DES GENES DANS DES PLANTES
[72] OULMASSOV, TIM N., US
[72] WANG, QI, US
[72] WEAVER, LISA M., US
[72] AHRENS, JEFFREY, US
[72] DUBOIS, PATRICE, US
[72] SHEN, JEFFERY Q., US
[71] MONSANTO TECHNOLOGY LLC,
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[25] EN
[54] **ANTIBODY TO HUMAN INSULIN-**
LIKE GROWTH FACTOR
[54] **ANTICORPS POUR FACTEUR DE**
CROISSANCE HUMAIN SEMBLABLE A
L'INSULINE
[72] SHITARA, KENYA, JP
[72] NAKAMURA, KAZUYASU, US
[72] FURUYA, AKIKO, JP
[72] NIWA, RINPEI, JP
[72] OHKI, YUJI, JP
[72] HANAI, NOBUO, US
[71] KYOWA HAKKO KOGYO CO., LTD.,
JP
[85] 2004-10-29
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[13] A1
[51] **Int.Cl. 7C12N 9/02 7C12N 15/82**
[25] EN
[54] **METHODS FOR INCREASING OIL**
CONTENT IN PLANTS
[54] **PROCEDE POUR AUGMENTER LA**
TENEUR EN HUILE DANS DES
VEGETAUX
[72] ZRENNER, RITA MARIA, DE
[72] BAUER, JOERG, DE
[72] RENZ, ANDREAS, DE
[72] VIGEOLAS, HELENE, DE
[72] GEIGENBERGER, PETER, DE
[72] STITT NIGEL, MARC, DE
[71] BASF PLANT SCIENCE GMBH, DE
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[87] 2003-11-20 (WO2003/095655)
[30] DE (102 20 753.4) 2002-05-08
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[13] A1
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[25] EN
[54] **METHOD AND DEVICE FOR**
MOISTENING NON-BIOLOGICAL
MEDICAL IMPLANT MATERIAL
[54] **PROCEDE ET DISPOSITIF**
D'HUMIDIFICATION D'UN
MATERIAU D'IMPLANT MEDICAL
ABIOLOGIQUE
[72] IWATSCHENKO, PETER, DE
[71] MTF MEDITECH FRANKEN GMBH,
DE
[85] 2004-10-20
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[30] EP (02012508.4) 2002-06-04

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[51] **Int.Cl. 7C12N 15/11 7A61K 48/00**
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[25] EN
[54] **EXPRESSION SYSTEMS FOR**
STEM- LOOP RNA MOLECULE
HAVING RNAI EFFECT
[54] **SYSTEME D'EXPRESSION POUR**
MOLECULE D'ARN A TIGE-BOUCLE
AYANT UN EFFET D'ARNI
[72] TAIRA, KAZUNARI, JP
[72] KAWASAKI, HIROAKI, JP
[71] NATIONAL INSTITUTE OF
ADVANCED INDUSTRIAL SCIENCE
AND TECHNOLOGY, JP
[85] 2004-10-26
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[87] 2003-11-06 (WO2003/091433)
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[21] **2,484,109**
[13] A1
[51] **Int.Cl. 7B63G 8/00**
[25] EN
[54] **METHODS AND APPARATUS FOR**
HULL ATTACHMENT FOR
SUBMERSIBLE VEHICLES
[54] **PROCEDES ET DISPOSITIF**
D'ARRIMAGE DE COQUE POUR
VEHICULES SUBMERSIBLES
[72] GERIENE, KRIST, US
[72] GERIENE, MARC, US
[71] NOVA RAY, INC., US
[85] 2004-07-28
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[25] EN
[54] **SITE SPECIFIC LISTERIA INTEGRATION VECTORS AND METHODS FOR USING THE SAME**
[54] **VECTEURS D'INTEGRATION DE LA LISTERIA SPECIFIQUES D'UN SITE ET LEURS METHODES D'UTILISATION**
[72] PORTNOY, DANIEL A., US
[72] CALENDAR, RICHARD, US
[72] LAUER, PETER M., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2004-10-28
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[13] A1

[51] **Int.Cl. 7C12N 5/10 7C12N 9/02 7C12N 15/53**
[25] EN
[54] **STABLE CYTOCHROME P450 24 (CYP24) EXPRESSING CELL LINE AND METHODS AND USES THEREOF**
[54] **LIGNEE CELLULAIRE STABLE EXPRIMANT LE CYTOCHROME P450 24 (CYP24), PROCEDES ET UTILISATIONS CONNEXES**
[72] GAO, MIAN, CA
[72] ZHANG, ANQI, US
[71] CYTOCHROMA INC., CA
[85] 2004-10-28
[86] 2003-05-02 (PCT/CA2003/000620)
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[13] A1

[51] **Int.Cl. 7A61K 39/40 7C12N 15/31 7G01N 33/569**
[25] EN
[54] **USE OF MOLECULES WHICH INTERACT WITH THE HAPTOGLOBIN RECEPTOR LIGAND BINDING**
[54] **UTILISATION DE MOLECULES QUI INTERAGISSENT AVEC LA LIAISON AUX LIGANDS DU RECEPTEUR DE L'HAPTOGLOBINE**
[72] DRYLA, AGNIESZKA, AT
[72] NAGY, ESZTER, AT
[72] GELBMANN, DIETER, AT
[71] INTERCELL AG, AT
[85] 2004-10-29
[86] 2003-06-18 (PCT/EP2003/006438)
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[54] **METHODS FOR MEASURING PROTEIN KINASE AND PHOSPHATASE ACTIVITY**
[54] **PROCEDES DE MESURE DE L'ACTIVITE DE LA PROTEINE KINASE ET DE LA PHOSPHATASE**
[72] WHATELEY, JOHN GERARD, GB
[71] AMERSHAM BIOSCIENCES UK LIMITED, GB
[85] 2004-10-18
[86] 2003-04-17 (PCT/GB2003/001683)
[87] 2003-10-30 (WO2003/089665)
[30] GB (0208987.8) 2002-04-19

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[13] A1

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[54] **ALBUMIN FUSION PROTEINS**
[54] **PROTEINES DE FUSION D'ALBUMINE**
[72] ROSEN, CRAIG A., US
[72] HASELTINE, WILLIAM A., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2004-06-21
[86] 2002-12-23 (PCT/US2002/040892)
[87] 2003-07-24 (WO2003/059934)
[30] US (60/341,811) 2001-12-21
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[30] US (60/359,370) 2002-02-26
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[30] US (60/367,500) 2002-03-27
[30] US (60/370,227) 2002-04-08
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[30] US (60/423,623) 2002-11-05

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[13] A1

[51] **Int.Cl. 7A63B 37/00**
[25] EN
[54] **SPORT BALL WITH SELF-CONTAINED INFLATION MECHANISM HAVING PRESSURE RELIEF CAPABILITY**
[54] **BALLON DE SPORT A MECANISME DE GONFLAGE AUTONOME PRESENTANT UNE CAPACITE DE LIMITATION DE PRESSION ET D'INDICATION**
[72] KENNEDY, THOMAS J., III, US
[72] SCHOMBURG, KENNETH, US
[72] LALIBERTY, RONALD P., US
[71] SGG PATENTS LLC, US
[85] 2004-10-25
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[54] **VIRUCIDAL DISINFECTANT**

[54] **AGENT DESINFECTANT**

VIRUCIDE

[72] RANFT, VOLKER, DE

[72] LUETZELER, MICHAEL, DE

[72] LICHTENBERG, FLORIAN, DE

[71] LONZA AG, CH

[85] 2004-08-19

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[87] 2003-07-24 (WO2003/059062)

[30] EP (02001329.8) 2002-01-18

[30] US (60/349,994) 2002-01-23

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[13] A1

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[25] EN

[54] **SYSTEM AND METHOD FOR**
MOVING AND STRETCHING PLASTIC
TISSUE

[54] **SYSTEME ET PROCEDE POUR**
DEPLACER ET ETIRER UN TISSU
PLASTIQUE

[72] LEE, LEONARD G., CA

[72] HENDERSON, JAMES, CA

[72] MAXWELL, TIMOTHY, CA

[72] REITSMA, BERT, CA

[72] RATTEW, ALDEN, CA

[72] O'MALLEY, MICHAEL T., CA

[72] BELL, MICHAEL S. G., CA

[71] CANICA DESIGN INC., CA

[85] 2004-12-03

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[51] **Int.Cl. 7B29C 45/27**

[25] EN

[54] **MOLD GATE INSERT WITH A**
THERMAL BARRIER

[54] **INSERT D'ENTREE DE MOULE A**
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[72] GELLERT, JOBST, CA

[71] GELLERT, JOBST, CA

[85] 2004-10-08

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[25] EN
[54] **PROTEIN PURIFICATION BY ION EXCHANGE CHROMATOGRAPHY**
[54] **PURIFICATION DE PROTEINES PAR CHROMATOGRAPHIE PAR ECHANGE D'IONS**
[72] BLANK, GREG S., US
[72] BASEY, CAROL D., US
[71] GENENTECH, INC., US
[22] 1999-05-03
[41] 1999-11-11
[62] 2,329,829
[30] US (60/084,459) 1998-05-06

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[51] Int.Cl. 7C12N 15/12 7C07K 19/00
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMORS**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE TUMEURS**
[72] WATANABE, COLIN K., US
[72] ROY, MARGARET ANN, US
[72] BOTSTEIN, DAVID, US
[72] GODDARD, AUDREY, US
[72] GURNEY, AUSTIN L., US
[72] WOOD, WILLIAM I., US
[71] GENENTECH, INC., US
[22] 1999-12-02
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[62] 2,367,334
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[51] Int.Cl. 7C12N 15/12 7C07K 19/00
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMORS**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE TUMEURS**
[72] BOTSTEIN, DAVID, US
[72] GURNEY, AUSTIN L., US
[72] WATANABE, COLIN K., US
[72] WOOD, WILLIAM I., US
[72] GODDARD, AUDREY, US
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7C12Q 1/68 7A61K 31/7088 7C07K 14/82
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR**
[54] **COMPOSITIONS ET PROCEDES DESTINES AU TRAITEMENT DE TUMEUR**
[72] WATANABE, COLIN K., US
[72] STONE, DONNA M., US
[72] GODOWSKI, PAUL J., US
[72] ROY, MARGARET ANN, US
[72] GURNEY, AUSTIN L., US
[72] GODDARD, AUDREY, US
[72] WOOD, WILLIAM I., US
[72] MARSTERS, SCOT A., US
[72] HILLAN, KENNETH J., US
[72] PITTI, ROBERT M., US
[72] PAN, JAMES, US
[72] SMITH, VICTORIA, US
[72] ASHKENAZI, AVI J., US
[71] GENENTECH, INC., US
[22] 2000-02-11
[41] 2001-07-26
[62] 2,365,610
[30] US (PCT/US99/05028) 1999-03-08
[30] US (60/123,972) 1999-03-11
[30] US (60/133,459) 1999-05-11
[30] US (PCT/US99/12252) 1999-06-02
[30] US (60/140,650) 1999-06-22
[30] US (60/140,653) 1999-06-22
[30] US (60/144,758) 1999-07-20
[30] US (60/145,698) 1999-07-26
[30] US (60/146,222) 1999-07-28
[30] US (60/149,395) 1999-08-17
[30] US (60/151,689) 1999-08-31
[30] US (PCT/US99/20111) 1999-09-01
[30] US (PCT/US99/21090) 1999-09-15
[30] US (PCT/US99/28313) 1999-11-30
[30] US (PCT/US99/28301) 1999-12-01
[30] US (PCT/US99/28634) 1999-12-01
[30] US (PCT/US00/00219) 2000-01-05

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,479,494**

[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00
7C12P 21/02 7C12Q 1/02 7C12N 15/13
7C07K 16/32 7A61K 39/395 7G01N 33/574
7C12Q 1/68 7A61K 31/7088 7C07K 14/82**

[25] EN

[54] **COMPOSITIONS AND METHODS
FOR THE TREATMENT OF TUMOR**

[54] **COMPOSITIONS ET PROCEDES
DESTINES AU TRAITEMENT DE
TUMEUR**

[72] GODDARD, AUDREY, US

[72] PAN, JAMES, US

[72] GURNEY, AUSTIN L., US

[72] MARSTERS, SCOT A., US

[72] WOOD, WILLIAM I., US

[72] HILLAN, KENNETH J., US

[72] GODOWSKI, PAUL J., US

[72] SMITH, VICTORIA, US

[72] STONE, DONNA M., US

[72] WATANABE, COLIN K., US

[72] ROY, MARGARET ANN, US

[72] PITTI, ROBERT M., US

[72] ASHKENAZI, AVI J., US

[71] GENENTECH, INC., US

[22] 2000-02-11

[41] 2001-07-26

[62] 2,365,610

[30] US (60/123,972) 1999-03-11

[30] US (PCT/US99/05028) 1999-03-08

[30] US (60/133,459) 1999-03-11

[30] US (PCT/US99/12252) 1999-06-02

[30] US (60/140,650) 1999-06-22

[30] US (60/140,653) 1999-06-22

[30] US (60/144,758) 1999-07-20

[30] US (60/145,698) 1999-07-26

[30] US (60/146,222) 1999-07-28

[30] US (60/149,395) 1999-08-17

[30] US (60/151,689) 1999-08-31

[30] US (PCT/US99/20111) 1999-09-01

[30] US (PCT/US99/21090) 1999-09-15

[30] US (PCT/US99/28313) 1999-11-30

[30] US (PCT/US99/28301) 1999-12-01

[30] US (PCT/US99/28634) 1999-12-01

[30] US (PCT/US00/00219) 2000-01-05

[21] **2,479,498**

[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00
7C12P 21/00 7C12Q 1/02 7C12N 15/13
7C07K 16/32 7A61K 39/395 7G01N 33/574
7C12Q 1/68 7A61K 31/7088 7C07K 14/82**

[25] EN

[54] **COMPOSITIONS AND METHODS
FOR THE TREATMENT OF TUMOR**

[54] **COMPOSITIONS ET PROCEDES
DESTINES AU TRAITEMENT DE
TUMEUR**

[72] HILLAN, KENNETH J., US

[72] PITTI, ROBERT M., US

[72] ROY, MARGARET ANN, US

[72] ASHKENAZI, AVI J., US

[72] GODDARD, AUDREY, US

[72] GURNEY, AUSTIN L., US

[72] GODOWSKI, PAUL J., US

[72] WATANABE, COLIN K., US

[72] MARSTERS, SCOT A., US

[72] WOOD, WILLIAM I., US

[72] STONE, DONNA M., US

[72] PAN, JAMES, US

[72] SMITH, VICTORIA, US

[71] GENENTECH, INC., US

[22] 2000-02-11

[41] 2001-07-26

[62] 2,365,610

[30] US (60/123,972) 1999-03-11

[30] US (PCT/US99/05028) 1999-03-08

[30] US (60/133,459) 1999-05-11

[30] US (PCT/US99/12252) 1999-06-02

[30] US (60/140,650) 1999-06-22

[30] US (60/140,653) 1999-06-22

[30] US (60/144,758) 1999-07-20

[30] US (60/145,698) 1999-07-26

[30] US (60/146,222) 1999-07-28

[30] US (60/149,395) 1999-08-17

[30] US (60/151,689) 1999-08-31

[30] US (PCT/US99/20111) 1999-09-01

[30] US (PCT/US99/21090) 1999-09-15

[30] US (PCT/US99/28313) 1999-11-30

[30] US (PCT/US99/28301) 1999-12-01

[30] US (PCT/US99/28634) 1999-12-01

[30] US (PCT/US00/00219) 2000-01-05

[21] **2,481,259**

[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61P 35/00**

[25] EN

[54] **METHOD FOR MAKING
HUMANIZED ANTIBODIES**

[54] **METHODE DE PRODUCTION
D'ANTICORPS HUMANISES**

[72] PRESTA, LEONARD G., US

[72] CARTER, PAUL J., US

[71] GENENTECH, INC., US

[22] 1992-06-15

[41] 1992-12-23

[62] 2,103,059

[30] US (715,272) 1991-06-14

[21] **2,481,366**

[13] A1

[51] **Int.Cl. 7A41F 1/00 7A41F 9/00 7A41F
9/02**

[25] EN

[54] **HOOK ASSEMBLY USED FOR
WAIST-ADJUSTING MECHANISM OF
CLOTHES AND CLOTHES HAVING
WAIST-ADJUSTING MECHANISM**
[54] **MONTAGE A CROCHETS POUR
MECANISME DE REGLAGE DE
TAILLE DES VETEMENTS, ET
VETEMENT POURVUS D'UN TEL
MECANISME**

[72] KATO, KOJI, JP

[71] KATO, KOJI, JP

[22] 2001-02-23

[41] 2001-09-01

[62] 2,337,935

[30] JP (2000-055660) 2000-03-01

[30] JP (2000-142517) 2000-05-15

[30] JP (2000-235227) 2000-08-03

[21] **2,481,685**

[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00
7C12P 21/02 7C07K 16/28 7C07K 14/705**

[25] EN

[54] **SECRETED AND
TRANSMEMBRANE POLYPEPTIDES
AND NUCLEIC ACIDS ENCODING THE
SAME**

[54] **POLYPEPTIDES SECRETES ET
TRANSMEMBRANAIRES ET ACIDES
NUCLEIQUES CODANT OUR CEUX-CI**

[72] EATON, DAN L., US

[72] FILVAROFF, ELLEN, US

[72] GODDARD, AUDREY, US

[72] GERRITSEN, MARY E., US

[72] GODOWSKI, PAUL J., US

[72] GRIMALDI, CHRISTOPHER J., US

[72] GURNEY, AUSTIN L., US

[72] WATANABE, COLIN K., US

[72] WOOD, WILLIAM I., US

[71] GENENTECH, INC., US

[22] 2000-08-24

[41] 2001-03-08

[62] 2,380,355

[30] US (PCT/US99/20111) 1999-09-01

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,481,691**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00
7C12P 21/02 7C07K 16/28 7C07K 14/705**
[25] EN
[54] **SECRETED AND
TRANSMEMBRANE POLYPEPTIDES
AND NUCLEIC ACIDS ENCODING THE
SAME**
[54] **POLYPEPTIDES SECRETES ET
TRANSMEMBRANAIRES ET ACIDES
NUCLEIQUES CODANT POUR CEUX-
CI**
[72] WOOD, WILLIAM I., US
[72] GRIMALDI, CHRISTOPHER J., US
[72] GODOWSKI, PAUL J., US
[72] FILVAROFF, ELLEN, US
[72] WATANABE, COLIN K., US
[72] GERRITSEN, MARY E., US
[72] GODDARD, AUDREY, US
[72] EATON, DAN L., US
[72] GURNEY, AUSTIN L., US
[71] GENENTECH, INC., US
[22] 2000-08-24
[41] 2001-03-08
[62] 2,380,355
[30] US (PCT/US99/20111) 1999-09-01

[21] **2,481,731**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00
7C12P 21/02 7C07K 16/28 7C07K 14/705**
[25] EN
[54] **SECRETED AND
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AND NUCLEIC ACIDS ENCODING THE
SAME**
[54] **POLYPEPTIDES SECRETES ET
TRANSMEMBRANAIRES ET ACIDES
NUCLEIQUES CODANT POUR CEUX-
CI**
[72] GRIMALDI, CHRISTOPHER J., US
[72] GURNEY, AUSTIN L., US
[72] EATON, DAN L., US
[72] GODOWSKI, PAUL J., US
[72] GODDARD, AUDREY, US
[72] WOOD, WILLIAM I., US
[72] WATANABE, COLIN K., US
[72] FILVAROFF, ELLEN, US
[72] GERRITSEN, MARY E., US
[71] GENENTECH, INC., US
[22] 2000-08-24
[41] 2001-03-08
[62] 2,380,355
[30] US (PCT/US99/20111) 1999-09-01

[21] **2,481,756**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00
7C12P 21/02 7C07K 16/28 7C07K 14/705**
[25] EN
[54] **SECRETED AND
TRANSMEMBRANE POLYPEPTIDES
AND NUCLEIC ACIDS ENCODING THE
SAME**
[54] **POLYPEPTIDES SECRETES ET
TRANSMEMBRANAIRES ET ACIDES
NUCLEIQUES CODANT OUR CEUX-CI**
[72] GODDARD, AUDREY, US
[72] WOOD, WILLIAM I., US
[72] FILVAROFF, ELLEN, US
[72] EATON, DAN L., US
[72] GERRITSEN, MARY E., US
[72] WATANABE, COLIN K., US
[72] GURNEY, AUSTIN L., US
[72] GRIMALDI, CHRISTOPHER J., US
[72] GODOWSKI, PAUL J., US
[71] GENENTECH, INC., US
[22] 2000-08-24
[41] 2001-03-08
[62] 2,380,355
[30] US (PCT/US99/20111) 1999-09-01

[21] **2,481,788**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00
7C12P 21/02 7C07K 16/28 7C07K 14/705**
[25] EN
[54] **SECRETED AND
TRANSMEMBRANE POLYPEPTIDES
AND NUCLEIC ACIDS ENCODING THE
SAME**
[54] **POLYPEPTIDES SECRETES ET
TRANSMEMBRANAIRES ET ACIDES
NUCLEIQUES CODANT POUR CEUX-
CI**
[72] WOOD, WILLIAM I., US
[72] WATANABE, COLIN K., US
[72] RIMALDI, CHRISTOPHER J., US
[72] GURNEY, AUSTIN L., US
[72] GODDARD, AUDREY, US
[72] GODOWSKI, PAUL J., US
[72] GERRITSEN, MARY E., US
[72] FILVAROFF, ELLEN, US
[72] EATON, DAN L., US
[71] GENENTECH, INC., US
[22] 2000-08-24
[41] 2001-03-08
[62] 2,380,355
[30] US (PCT/US99/20111) 1999-09-01

[21] **2,481,810**
[13] A1

[51] **Int.Cl. 7F01D 5/08 7F01D 5/02 7F01D
5/18**
[25] EN
[54] **SHAFT STRUCTURE AND
BEARING STRUCTURE FOR TAIL END
OF ROTOR OF GAS TURBINE**
[54] **STRUCTURE D' ARBRE ET
STRUCTURE DE ROULRMENT D'
EXTREMITE ARRIERE DE ROTOR DE
TURBINE A GAZ**
[72] HIROKAWA, KAZUHARU, JP
[72] OYA, TAKEAKI, JP
[72] SHINOHARA, TANEHIRO, JP
[72] UEMATSU, KAZUO, JP
[72] TANIOKA, TADATERU, JP
[72] TANAKA, KATSUNORI, JP
[71] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP
[22] 2001-08-31
[41] 2002-03-26
[62] 2,356,479
[30] JP (2000-292763) 2000-09-26

[21] **2,481,812**
[13] A1

[51] **Int.Cl. 7F01D 25/16 7F01D 5/02
7F01D 5/08**
[25] EN
[54] **SHAFT STRUCTURE AND
BEARING STRUCTURE FOR TAIL END
OF ROTOR OF GAS TURBINE**
[54] **STRUCTURE D'ARBRE ET
STRUCTURE DE ROULEMENT D'
EXTREMITE ARRIERE DE ROTOR DE
TURBINE A GAZ**
[72] OYA, TAKEAKI, JP
[72] UEMATSU, KAZUO, JP
[72] TANAKA, KATSUNORI, JP
[72] TANIOKA, TADATERU, JP
[72] HIROKAWA, KAZUHARU, JP
[72] SHINOHARA, TANEHIRO, JP
[71] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP
[22] 2001-08-31
[41] 2002-03-26
[62] 2,356,479
[30] JP (2000-292763) 2000-09-26

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,481,815**
[13] A1

[51] **Int.Cl. 7A63F 13/10 7G09G 5/34**
[25] EN
[54] **DISPLAY CONTROL METHOD**
[54] **METHODE DE COMMANDE**
D’AFFICHAGE
[72] NAKA, YUJI, US
[72] YAMAMOTO, MASANOBU, US
[71] SEGA ENTERPRISES, LTD., JP
[22] 1993-11-19
[41] 1994-06-09
[62] 2,149,876
[30] US (07/979,570) 1992-11-20
[30] US (07/979,577) 1992-11-20
[30] US (07/979,578) 1992-11-20
[30] US (07/979,698) 1992-11-20

[21] **2,481,892**
[13] A1

[51] **Int.Cl. 7G10L 15/00 7G10L 15/18**
[25] EN
[54] **A SPEECH RECOGNITION**
SYSTEM
[54] **SYSTEME DE RECONNAISSANCE**
DE LA PAROLE
[72] STRONG, ROBERT DON, US
[71] APPLE COMPUTER INC., US
[22] 1993-12-29
[41] 1994-07-21
[62] 2,151,370
[30] US (07/999,011) 1992-12-31
[30] US (07/999,012) 1992-12-31
[30] US (07/999,302) 1992-12-31

[21] **2,482,691**
[13] A1

[51] **Int.Cl. 7B60Q 9/00 7G01N 33/00**
7G01N 25/04
[25] EN
[54] **SURFACE MATERIAL AND**
CONDITION SENSING SYSTEM
[54] **SYSTEME DE DETECTION DE**
L’ETAT D’UN MATERIAU DE
REVETEMENT
[72] DOHERTY, JOHN A., US
[72] KALBFLEISCH, CHARLES A., US
[72] COLLINS, WILLIAM J., US
[72] KEATHLEY, DONALD P., US
[71] DOHERTY, JOHN A., US
[22] 1996-10-04
[41] 1997-04-10
[62] 2,233,689
[30] US (60/004,941) 1995-10-06
[30] US (08/660,232) 1996-06-07

[21] **2,483,023**
[13] A1

[51] **Int.Cl. 7E21C 41/00 7E21F 7/00**
7E21B 7/04 7E21C 41/28
[25] EN
[54] **METHOD AND SYSTEM FOR**
ACCESSING SUBTERRANEAN
DEPOSITS FROM THE SURFACE
[54] **PROCEDE ET SYSTEME D’ACCES**
A DES COUCHES DE DEPOTS
SOUTERRAINS A PARTIR DE LA
SURFACE
[72] ZUPANICK, JOSEPH A., US
[71] CDX GAS, L.L.C., US
[22] 1999-11-19
[41] 2000-06-02
[62] 2,441,672
[30] US (09/197,687) 1998-11-20

[21] **2,483,113**
[13] A1

[51] **Int.Cl. 7B21D 41/00 7B21D 19/12**
7B21K 21/12
[25] EN
[54] **PROCESS FOR COLD FORMING**
TUBE ENDS
[54] **PROCEDE D’ETIRAGE A FROID**
D’EXTREMITE DE TUBES
[72] SAVESCU, OVIDIU I., CA
[72] ROE, DEREK VERNON, CA
[71] COPPERWELD CANADA INC., CA
[22] 1999-02-24
[41] 2000-08-24
[62] 2,262,777

[21] **2,483,352**
[13] A1

[51] **Int.Cl. 7G01N 33/574 7G01N 33/543**
[25] EN
[54] **INHIBITORS OF ENDO-**
EXONUCLEASE ACTIVITY FOR
TREATING CANCER
[54] **INHIBITEURS DE L’ACTIVITE DE**
L’ENDO-EXONUCLEASE POUR LE
TRAITEMENT DU CANCER
[72] YEH, CHIAOLI, CA
[72] CHOW, TERRY, CA
[72] YUEN, LEONARD, CA
[72] GRILLER, DAVID, CA
[71] ONCOZYME PHARMA INC, CA
[22] 2000-11-16
[41] 2001-05-25
[62] 2,388,674
[30] US (60/165,688) 1999-11-16

[21] **2,483,413**
[13] A1

[51] **Int.Cl. 7F02M 53/04**
[25] EN
[54] **GASEOUS FUEL INJECTOR**
HAVING HIGH HEAT TOLERANCE
[54] **INJECTEUR DE CARBURANT**
GAZEUX POUVANT TOLERER UNE
CHALEUR ELEVEE
[72] POPP, ROGER C., US
[71] WOODWARD GOVERNOR
COMPANY, US
[22] 2001-01-10
[41] 2001-07-12
[62] 2,330,724
[30] US (09/481,150) 2000-01-12

[21] **2,483,487**
[13] A1

[51] **Int.Cl. 7C07D 275/04 7C07C 323/63**
[25] EN
[54] **METHOD FOR PRODUCING 1,2-**
BENZISOTHIAZOL-3-ONES
[54] **METHODE DE PREPARATION DE**
1,2-BENZISOTHIAZOL-3-ONES
[72] KAGANO, HIROKAZU, JP
[72] GODA, HIROSHI, JP
[72] YOSHIDA, KATSUHIKO, JP
[72] SAKAUE, SHIGEKI, JP
[72] YAMAMOTO, MIKIO, JP
[71] SUMITOMO SEIKA CHEMICALS
CO., LTD., JP
[22] 1995-06-06
[41] 1996-01-06
[62] 2,151,074
[30] JP (6-177499) 1994-07-05
[30] JP (6-188883) 1994-07-18
[30] JP (6-301348) 1994-11-09

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,483,828**

[13] A1

[51] **Int.Cl. 7G06F 13/38 7G06F 15/16**
[25] EN
[54] **SYSTEM AND METHOD FOR
DISTRIBUTED COMPUTATION BASED
UPON MOVEMENT, EXECUTION, AND
INTERACTION OF PROCESSES IN A
NETWORK**

[54] **SYSTEME ET METHODE DE
TRAITEMENT REPARTI BASE SUR
LES TRANSFERTS, LES EXECUTIONS
ET LES INTERACTIONS DE
PROCESSUS DANS UN RESEAU**

[72] WHITE, JAMES E., US

[72] HELGESON, CHRISTOPHER S., US

[72] STEEDMAN, DOUGLAS A., US

[71] GENERAL MAGIC, INC., US

[22] 1994-07-08

[41] 1995-01-19

[62] 2,143,672

[30] US (090,521) 1993-07-08

[21] **2,484,179**

[13] A1

[51] **Int.Cl. 7G11B 7/0045**
[25] EN

[54] **METHOD AND APPARATUS FOR
RECORDING DATA ON OPTICAL
RECORDING MEDIUM**

[54] **METHODE ET APPAREIL
D'ENREGISTREMENT DES DONNEES
SUR UN SUPORT**

D'ENREGISTREMENT OPTIQUE

[72] KO, JUNG-WAN, KR

[72] YOON, DE-SEOP, KR

[72] LEE, KYUNG-GEUN, KR

[72] KIM, SEONG-SUE, KR

[72] AHN, YONG-JIN, KR

[72] PARK, IN-SIK, KR

[72] OTSUKA, TATSUHIRO, KR

[72] YANG, CHANG-JIN, KR

[71] SAMSUNG ELECTRIC CO., LTD., KR

[22] 2002-12-13

[41] 2003-08-25

[62] 2,414,172

[30] KR (2002-9999) 2002-02-25

[21] **2,484,039**

[13] A1

[51] **Int.Cl. 7B65D 50/04**

[25] EN

[54] **CHILD RESISTANT PACKAGE**

[54] **EMBALLAGE DE PROTECTION (A
L'EPREUVE DES ENFANTS)**

[72] KONEFAL, ROBERT S., US

[72] VANDER, NOEL T., US

[71] OWENS-ILLINOIS PRESCRIPTION
PRODUCTS INC., US

[22] 1998-11-26

[41] 1999-06-02

[62] 2,254,568

[30] US (08/982,996) 1997-12-02

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1134564 ONTARIO INC.	2,166,232	ANDERSSON, KURT	2,097,479	BAUER, FREDERICK T.	2,346,046
731130 ONTARIO INC.	2,200,240	ANDRITZ INC.	2,265,872	BAYER	
A.O. SMITH CORPORATION	2,182,332	AOKI, K. ROGER	2,332,406	AKTIENGESELLSCHAFT	2,106,897
AAF INTERNATIONAL	2,209,402	AOKI, SUSUMU	2,228,464	BAYER	
ABB SCHWEIZ HOLDING AG	2,200,388	AOYAMA, YUKI	2,252,463	AKTIENGESELLSCHAFT	2,114,347
ABE, KOICHI	2,186,935	APPLERA CORPORATION	2,346,860	BAYER	
ABE, YUZO	2,322,228	ARAI, KOICHI	2,322,228	AKTIENGESELLSCHAFT	2,139,725
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BECKER, NEAL	2,470,546	CERTAIN, MICHAEL E.	2,470,798	DAMOUR, ODILE	2,467,768
		CERVENKA, DEAN A.	2,465,444	DANA CORPORATION	2,470,736
		CFT GMBH COMPACT FILTER TECHNIC	2,470,740	DAUGHERITY, PATRICK DAVID	2,465,621
		CHAMBARD, LAURENT	2,471,202	DAVENPORT, DAVID MICHAEL	2,432,700
				DAVIS, MYLES E.	2,470,736
				DAVIS, RONALD E.	2,471,407
				DE BUDA, ERIC GEORGE	2,432,671
				DEBARTOLO, JOSEPH, JR.	2,470,988
				DEERE & COMPANY	2,471,062
				DEERE & COMPANY	2,471,254

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DEFRANCESCO, FRANK	2,432,245	FOK, MADELINE KIT YIN	2,432,616	HER MAJESTY THE QUEEN	
DEGUSSA		FOLLONIER, CHRISTOPHE	2,470,073	AS REPRESENTED BY	
AKTIENGESELLSCHAFT	2,471,189	FONTAINE, FRANCOIS	2,432,298	THE MINISTER OF	
DELAWARE CAPITAL		FORT JAMES CORPORATION	2,471,419	NATIONAL DEFENCE OF	
FORMATION, INC.	2,466,782	FORTE INDUSTRIES LIMITED		HER MAJESTY'S	
DENBY, LORRAINE	2,469,169		2,433,245	CANADIAN	
DENBY, LORRAINE	2,469,394	FREDERICK, GARY L.	2,471,203	GOVERNMENT	2,460,762
DENKINGER, PETER	2,471,189	FRERICKS, MATTHIAS	2,461,962	HERBST, LAURA	2,468,276
DEPLAZES, ROMEO	2,471,210	GAGNE, BENOIT	2,432,703	HESSE, KARL	2,432,462
DESAULTY, MICHEL	2,470,928	GAGNE, BENOIT	2,471,684	HIGGINS, ANDREW J.	2,453,021
DESIRE, REGIS	2,470,265	GAGNON, SYLVAIN	2,471,425	HIGGINS, ANDREW J.	2,460,762
DESJARDINS, ANDRE	2,432,622	GARVER, MICHAEL A.	2,432,207	HIGGINS, BRUCE E.	2,470,744
DESOS, PATRICE	2,470,065	GAUSELMANN, MICHAEL	2,458,774	HILDEBRANDT, JAMES G.	2,432,832
DESOS, PATRICE	2,470,263	GEDDO, ALBERTO	2,432,268	HILL, DAVID A.	2,469,982
DIAMANDIS, ELEFTHERIOS		GENERAL ELECTRIC		HILLIS, DAVID JOHN	2,471,051
P.	2,468,651	COMPANY	2,432,700	HILLIS, DAVID JOHN	2,471,053
DICKIE, ROBERT G.	2,432,860	GENERAL ELECTRIC		HILTI	
DICKINSON, ERIC	2,470,398	COMPANY	2,462,035	AKTIENGESELLSCHAFT	2,469,534
DIFILIPPO, LUIGI	2,470,790	GENERAL ELECTRIC		HOFFMAN, HERBERT F.	2,456,532
DING, ZHONG	2,471,686	COMPANY	2,469,993	HOLLANDER, MILTON	
DIXON, WALTER VINCENT	2,432,700	GENERAL KINEMATICS		BERNARD	2,470,910
DOBRANSKI, MILES	2,432,313	CORPORATION	2,470,398	HON TECHNOLOGY INC.	2,455,320
DONNELLY, KAREN D.	2,469,190	GENTLES, THOMAS A.	2,471,167	HON TECHNOLOGY INC.	2,470,880
DUBE, JEAN-GUY	2,432,097	GERLACH, RONALD R.	2,456,526	HON TECHNOLOGY INC.	2,471,264
DUCATI ENERGIA S.P.A.	2,466,745	GLEYZAL, CLAUDINE	2,467,768	HONDA GIKEN KOGYO	
DUGGAN, ANDREW		GLOECKNER, PATRICK	2,471,189	KABUSHIKI KAISHA	
MICHAEL	2,471,051	GOANKAR, ANILKUMAR		(ALSO TRADING AS	
DUGGAN, ANDREW		GANAPATI	2,468,276	HONDA MOTOR CO.,	
MICHAEL	2,471,053	GOLDSCHMIDT AG	2,467,190	LTD.)	2,469,729
DUMAIS, GUY	2,432,298	GOODHAND, STEPHEN	2,432,622	HONDA MOTOR CO., LTD.	2,470,599
DUNN, ADRIAN	2,471,202	GOULD, KENNETH	2,467,448	HOON, RUSSELL	2,432,602
DUNN, ROBERT M.H.	2,432,616	GRANT, SHANE	2,430,983	HOUPT, PAUL KENNETH	2,432,700
DUNN, ROBERT M.H.	2,432,630	GRANT, SHANE	2,431,787	HOWARD, ROBERT M.	2,470,425
DUNN, ROBERT M.H.	2,432,665	GRAY, CLINT	2,470,759	HUBBELL INCORPORATED	2,470,988
DUNNE, SEAN	2,432,658	GREEN, DUSTIN L.	2,466,231	HUBER, GUENTER	2,470,301
DUPONT CANADA INC.	2,432,852	GREEN, DUSTIN L.	2,466,458	HUNG, CHRIS K.	2,469,190
DUPONT CANADA INC.	2,432,860	GREEN-KORE INC.	2,432,112	HUNT, JOHN V.	2,471,185
DUPONT CANADA INC.	2,471,100	GREEN-KORE INC.	2,470,713	HURD, WILLIAM H.	2,470,428
DUVAL, HERVE	2,470,265	GREGG, ROBERT D., III	2,470,884	HUSEMANN, MARC	2,467,210
DYER, TIMOTHY ALAN	2,459,656	GREVES, KENNETH J.	2,470,923	HYDRO-QUEBEC	2,432,502
DYNAMIC AIR INC.	2,461,371	GRIFNO, RICHARD	2,471,212	IBM CANADA LIMITED - IBM	
E. VAN ZANTEN HOLDING		GRIGGS, SAMUEL D.	2,466,782	CANADA LIMITEE	2,432,483
B.V.	2,471,409	GRILLIOT, MARY I.	2,442,199	IBM CANADA LIMITED - IBM	
E. VAN ZANTEN HOLDING		GRILLIOT, WILLIAM L.	2,442,199	CANADA LIMITEE	2,432,484
B.V.	2,471,411	GROSSMAN, JOHN H., IV	2,466,231	IBM CANADA LIMITED - IBM	
EBBO, DAVID SERGE	2,470,425	GROSSMAN, JOHN H., IV	2,466,458	CANADA LIMITEE	2,432,616
ECOPIA BIOSCIENCES INC.	2,470,935	GRUENBECK, RAINER	2,467,142	IBM CANADA LIMITED - IBM	
ELENIX, INC.	2,470,875	GRUENING, BURGHARD	2,467,190	CANADA LIMITEE	2,432,630
ENGL, FRANK	2,471,058	GUNN, BRADLEY	2,470,802	IBM CANADA LIMITED - IBM	
ETHICON ENDO-SURGERY,		GUTHRIE, SCOTT DAVID	2,470,425	CANADA LIMITEE	2,432,631
INC.	2,471,185	HABERSTROH, JAMES A.	2,467,027	IBM CANADA LIMITED - IBM	
ETHYL CORPORATION	2,464,895	HABERSTROH, JAMES A.	2,467,257	CANADA LIMITEE	2,432,658
EVANS, MARK	2,471,052	HADLAND, TERENCE R.	2,433,185	IBM CANADA LIMITED - IBM	
EXIMSOFT INTERNATIONAL,		HALE, ROBERT	2,460,423	CANADA LIMITEE	2,432,665
LLC	2,444,315	HAMADA, NAOKI	2,470,741	IBM CANADA LIMITED - IBM	
F. HOFFMANN-LA ROCHE AG		HAMPTON, JOHN E.	2,470,390	CANADA LIMITEE	2,432,667
	2,467,142	HANSEN, ROBERT A.	2,461,371	IBM CANADA LIMITED - IBM	
FARBER, JACOB	2,471,073	HANSON, STEPHEN M.	2,432,658	CANADA LIMITEE	2,432,669
FAREWELL, RONALD W.	2,468,284	HARRALL, SIMON JOHN	2,471,051	ICP GLOBAL	
FARNET, CHRIS M.	2,470,935	HARRALL, SIMON JOHN	2,471,053	TECHNOLOGIES INC.	2,471,420
FERGIONE, MICHAEL BRUCE		HAWKINS, DUSTIN L.	2,460,955	IGUCHI, AKIYOSHI	2,470,741
	2,465,565	HAYNES, JOEL MEIER	2,462,035	IKUMA, TOMONORI	2,469,729
FIELDS, WILLIAM BRENT	2,458,709	HEIDELBERGER		IKUMA, TOMONORI	2,470,599
FLAUM, RUSSELL M.	2,467,038	DRUCKMASCHINEN		ILLINOIS TOOL WORKS INC.	2,465,026
FLINTROP, NICOLE	2,467,190	AKTIENGESELLSCHAFT	2,467,873	ILLINOIS TOOL WORKS INC.	2,467,027
FOBERT, JOSEPH	2,444,315	HEIKAUS, GERD	2,470,939	ILLINOIS TOOL WORKS INC.	2,467,038

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ILLINOIS TOOL WORKS INC.	2,467,257	LANOIE, ROBERT	2,432,502	CORPORATION OF	
ILLINOIS TOOL WORKS INC.	2,467,322	LAROCHELLE, JOCELYNE	2,431,892	AMERICA	2,471,407
ILLINOIS TOOL WORKS INC.	2,470,939	LARSEN, WILLIAM E.	2,467,595	MAY, DENNIS J.	2,466,782
INFINEUM INTERNATIONAL		L'ASSOCIATION DES		MAYTAG CORPORATION	2,460,955
LIMITED	2,471,196	PERSONNES		MAYTAG CORPORATION	2,470,451
INFINEUM INTERNATIONAL		HANDICAPEES ENTRE-		MCALPINE, JAMES B.	2,470,935
LIMITED	2,471,202	AMIS DU TEMISCOUATA		MCDERMOTT, ANDREW M.	2,456,459
INVENTIO AG	2,470,982	INC.	2,431,892	MEDICAL FUTURES INC.	2,432,358
INVENTIO AG	2,471,210	LAU, MO-CHING JUSTINE	2,456,526	MELOCHE, JEAN	2,469,169
IRNICH, FRANZ-JOSEF	2,471,058	LAU, PO K.	2,471,420	MELOCHE, JEAN	2,469,394
ISE STAMPING INC.	2,471,425	LEBLANC, RUSSELL P.	2,432,112	METCALFE, PAUL DAVID	2,471,051
ISHIWATA, HIROSHI	2,470,875	LEBLANC, RUSSELL P.	2,470,713	METCALFE, PAUL DAVID	2,471,053
ISMAL, NARGIS	2,470,935	LECLAIR, SYLVAIN	2,432,204	METRO INDUSTRIES, INC.	2,466,206
ITECH SPORT PRODUCTS		LEE, BYUNG-JO	2,466,823	MICROSOFT CORPORATION	2,465,997
INC.	2,432,622	LEE, LIN-NAN	2,470,546	MICROSOFT CORPORATION	2,466,231
JACOBS, MERRIT	2,471,686	LEE, LIN-NAN	2,470,782	MICROSOFT CORPORATION	2,466,458
JAHN, PETER	2,470,785	LEE, WAN NGAI W.	2,432,665	MICROSOFT CORPORATION	2,470,425
JANICK, JAMES J.	2,466,206	LEEK, WILLIAM F.	2,456,063	MICROSOFT CORPORATION	2,470,725
JARMUSZEWSKI, PERRY	2,470,798	LEJARS, CLAUDE	2,470,073	MIKLUS, MICHAEL B.	2,468,276
JERMANN, FRANK	2,470,301	LENTZ, KEVIN	2,432,602	MIKUNI CORPORATION	2,469,729
JIANG, YIMIN	2,470,546	LERSCH, PETER	2,467,190	MIKUNI CORPORATION	2,470,599
JOHN WATTS SEWING		LES INSTALLATIONS		MILLER, JOHN L.	2,465,997
CENTRE	2,435,165	SPORTIVES DEFARGO	2,432,204	MILLER, KEITH E.	2,470,390
JOHNSON, BARBARA ALICE	2,465,565	LES LABORATOIRES		MINDACH, LUTZ	2,471,189
KALDER NAGY, GYULA	2,457,457	SERVIER	2,470,065	MINISTER OF NATIONAL	
KALIA, SUMAN K.	2,432,658	LES LABORATOIRES		DEFENCE	2,453,021
KARSTENMANUFACTURING		SERVIER	2,470,263	MINISTER, DAVID BRIAN	2,432,406
CORPORATION	2,470,706	LESTAGE, PIERRE	2,470,065	MIRLAS, LEV	2,432,483
KATO, MIKIYA	2,470,741	LESTAGE, PIERRE	2,470,263	MIRLAS, LEV	2,432,484
KELSO, JAY	2,432,248	LIEUALLEN, BRIAN	2,465,997	MIRLAS, LEV	2,432,616
KHUSIAL, DARSHANAND	2,432,483	LIM, LIAN-CHOO	2,471,210	MIRLAS, LEV	2,432,630
KHUSIAL, DARSHANAND	2,432,667	LIN, SHEN-KENG	2,432,105	MIRLAS, LEV	2,432,631
KINECTRICS INC.	2,432,671	LININGER, JOSEPH E.	2,467,027	MIRLAS, LEV	2,432,665
KINGSTON, JAMES E.	2,432,195	LININGER, JOSEPH E.	2,467,322	MIRLAS, LEV	2,432,667
KITO, KAZUYORI	2,469,729	LITTLE, DERRICK DOUGLAS	2,462,035	MIRLAS, LEV	2,432,669
KITO, KAZUYORI	2,470,599	LOCHBUEHLER, KLAUS	2,470,802	MISHRA, MUNMAYA K.	2,464,895
KLEWEIN, GERHARD	2,470,982	LOGIUDICE, MICHAEL	2,471,067	MITSUBISHI STEEL MFG.	
KOBIELLA, ROBERT J.	2,467,257	LONG, JAMES C.	2,470,780	CO., LTD.	2,432,764
KOCHIE, ROBERT	2,470,737	LORENZ, DOUGLAS ALAN	2,465,640	MIX, GARRY K.	2,471,325
KOEHLER, KEVIN	2,432,602	LOVETT, MATTHEW C.	2,432,658	MIYAMOTO, REI	2,470,458
KOEPKE, MARCUS C.	2,471,264	LUKER, GRAHAM JAMES	2,470,710	MOLINARI, MAURIZIO	2,471,064
KOESTER, JOHN H.	2,469,365	LUNER, PAUL EVAN	2,465,693	MOQUIN, CAROLE	2,432,238
KOGANITSKY, GREGORY	2,431,949	LUTZ, DAVID	2,470,988	MORANDI, EUGENIO	2,470,317
KOPETZKI, ERHARD	2,467,142	MACE, JEROME	2,470,073	MORMINO, RICHARD	2,432,602
KORBMACHER, ARNO	2,471,058	MACHAEL, JAY R.	2,471,264	MORNING PRIDE	
KORMANN, GEORG	2,471,254	MACZKIEWITZ, URSULA	2,467,190	MANUFACTURING,	
KRAFT FOODS HOLDINGS,		MADDOX, EDWARD P., JR.	2,447,822	L.L.C.	2,442,199
INC.	2,468,276	MAJOR, HARRY R.	2,471,669	MORTUN, SORIN I.	2,470,988
KRAUS, RICHARD B.	2,470,398	MAKITA CORPORATION	2,432,512	MOSCOVICH, TOMER	2,470,725
KROHN, CHRISTOPHER S.	2,467,255	MALHAME, JOSHUA A.	2,471,080	MOSS, GEOFFREY ALAN	2,432,406
KRUEGER, FRANK	2,461,962	MALLOWS, COLIN L.	2,469,394	MOUNT SINAI HOSPITAL	2,468,651
KUCHARSKI, JANUSZ M.	2,456,368	MALONE, JOMANA	2,470,921	MUEHLBOECK, KURT	2,470,722
KUCZMA, ANDREW S.	2,471,327	MAN, YING TONG	2,470,798	MUELLER, ULRICH	2,470,301
KURARAY CO., LTD.	2,470,615	MANGIN, ROGER	2,470,266	MUELLER, VOLKER	2,470,223
KURKOSKI, PHILIP		MANITOBA HYDRO-		MUENZENBERGER,	
LAWRENCE	2,471,072	ELECTRIC BOARD	2,432,462	HERBERT	2,469,534
KWOK, JOHN CHI HEE	2,469,190	MARKOVA, ULIYANA	2,432,631	MULTIVAC SEPP	
KWOK, RAYMOND K.M.	2,432,616	MARKOWSKI, ROBERT	2,470,398	HAGGENMULLER GMBH	
KWOK, RAYMOND K.M.	2,432,630	MARLEX ENGINEERING INC.		& CO. KG	2,470,604
KWONG, HERMAN	2,470,790		2,471,393	MURRAY, STEPHEN BURKE	2,453,021
KYLE, BARRY W.	2,432,112	MASONRY TECHNOLOGY,		MURRAY, STEPHEN BURKE	2,460,762
KYLE, BARRY W.	2,470,713	INC.	2,469,365	MUSS, PETER	2,467,190
LAM, BRENDA M.	2,432,665	MATHEWS, HARRY KIRK, JR.		NAJEWICZ, DAVID JOSEPH	2,462,035
LAM, ROBERT	2,470,615		2,432,700	NAOUMTCHIK, SERGUEI	2,432,313
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NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION	2,470,783	PRATT & WHITNEY CANADA CORP.	2,466,797	SCHAEFER, PETER	2,471,062
NATTERER, JOHANN	2,470,604	PVS TECHNOLOGIES, INC.	2,437,096	SCHAIBLE, UWE D.	2,471,393
NEC CORPORATION	2,470,458	PYRON, ROGER	2,468,274	SCHLUMBERGER CANADA LIMITED	2,467,997
NEOPOST INDUSTRIE	2,470,265	QI, YIHONG	2,470,798	SCHMIDTNER, ALOIS A.	2,471,419
NEUMEISTER, LAWRENCE DWAYNE	2,470,596	QUBICA S.P.A.	2,471,312	SCHULZ, STEVEN THEODORE	2,470,278
NGUYEN, MARTIN KHANG	2,436,801	R.S.T.B. GROUP S.R.L.	2,471,064	SCHULZE, DALE	2,471,185
NIJHAWAN, PARDEEP	2,432,358	RAHA, DWIJADAS	2,444,315	SCIAN, ANTHONY F.	2,471,669
NIYOGI, SHANKU S.	2,470,425	RAO, BALAJI	2,469,169	SEBEIKA, STEPHEN THOMAS	2,469,993
NOCK, ROBERT KENNETH	2,470,962	RAO, BALAJI	2,469,394	SECALT S.A.	2,470,266
NORTEL NETWORKS LIMITED	2,470,790	RASMUSSEN GMBH	2,470,273	SEGER, ERIC	2,471,203
NORTHROP GRUMMAN CORPORATION	2,459,656	RASTETTER, MARC	2,470,273	SEIBERT, CLAUS	2,467,873
NOVA CHEMICALS CORPORATION	2,469,190	RAWAS, HENRY	2,465,997	SENSORMATIC ELECTRONICS CORPORATION	2,470,428
NUCHOLS, RICHARD P.	2,471,185	RAYMOND, DENIS	2,470,759	SERAFICA, GONZALO	2,432,602
OCHMANN, KLAUS	2,470,785	REBACK, SCOTT MITCHELL	2,469,993	SERRANO, ANTHONY D.	2,470,706
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OCTAL SYSTEMS INCORPORATED	2,444,157	REGAZZA, PATRICK	2,470,073	SHAVER, MICHAEL J.	2,460,955
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OLSON, OGDEN R.	2,455,320	REIS, CARL A.	2,459,656	SHILMAN, MICHAEL	2,470,725
OMI, TOSHIO	2,432,764	RESEARCH IN MOTION LIMITED	2,470,798	SHORTLIFFE, GLEN	2,432,631
ONTARIO POWER GENERATION INC.	2,432,268	RESEARCH IN MOTION LIMITED	2,471,669	SIMIONESCU, RADU	2,465,997
ORTHO-CLINICAL DIAGNOSTICS, INC.	2,471,686	REYMERMIER, CORINNE	2,467,768	SIMPSON STRONG-TIE COMPANY, INC.	2,456,063
OSTER, GERRY ANN	2,432,602	RHEIN CHEMIE RHEINAU GMBH	2,470,223	SIMPSON, NEIL ANDREW ABERCROMBIE	2,470,818
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PACHOLOK, TREVOR DEAN	2,469,190	ROBERTS, ROBERT DORVILLE	2,469,190	SMITH, ALAN F.	2,465,026
PALM, TOD	2,459,656	RODELET, JEAN-FRANCOIS	2,470,076	SMITH, DEREK J.	2,471,080
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PARK, JUNG-SEON	2,466,823	ROGRIGUES, KLEIN A.	2,470,783	SNECMA MOTEURS	2,470,928
PARMELY, ARTHUR T.	2,471,212	ROSINE, LYLE	2,463,337	SOLAE, LLC	2,471,443
PASCALY, MATTHIAS	2,467,190	ROSSETTI, LUCA	2,471,064	SOLAREK, DANIEL B.	2,470,783
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PATEL, NAVIN K.	2,470,390	ROUSSIN, RICHARD	2,432,480	SOUZA, JOHN C.	2,470,706
PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,470,301	ROWLAND, DAVID L.	2,432,244	SPALDING, TOM	2,470,428
PEARSON, TIMOTHY B.	2,467,038	ROWLAND, ERWIN W.	2,432,244	SPARTAN CONTROLS LTD.	2,470,596
PEARSON, TIMOTHY B.	2,467,255	ROYAL GROUP TECHNOLOGIES LIMITED	2,432,620	SPRIET, DAVID A.	2,432,658
PEARSON, TIMOTHY B.	2,467,257	ROZIN, DANIEL H.	2,432,710	SPX CORPORATION	2,470,737
PERESS, SASS M.	2,471,420	RTS, LLC	2,470,923	SREMCICH, PAUL S.	2,470,390
PERRIER, ERIC	2,467,768	RUDD, WAYNE	2,471,051	STRAUSS, OLIVER	2,470,273
PETCAVAGE, JOSEPH R.	2,466,206	RUDD, WAYNE	2,471,053	STRIEBEL, PATRICK A.	2,471,161
PETERSON, DARION	2,470,390	RUDE, MICHAEL J.	2,456,526	STRIEBEL, ROMAN F.	2,471,161
PHAM, TIET	2,456,526	RUDOLF WILD GMBH & CO. KG	2,470,802	STUCKEY, JAMES HAL	2,470,975
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CALIFORNIA INSTITUTE OF		CHANG, KUO WEI	2,481,955	THINK, INC.	2,481,432
TECHNOLOGY	2,477,530	CHAO, HEMAN	2,483,150	CONFORMA THERAPEUTICS	
CALKINS, HUGH	2,482,202	CHARTIER, MYRIAM	2,481,867	CORPORATION	2,481,683
CAMPEDELLI, PAOLO	2,481,487	CHASKAR, HEMANT M.	2,482,415	CONOCOPHILLIPS COMPANY	2,481,527
CAMPEDELLI, PAOLO	2,481,608	CHAUDHURI, AMITABHA	2,478,032	CONOCOPHILLIPS COMPANY	2,481,529
CAMPEDELLI, PAOLO	2,481,758	CHECCHIA, ANNA	2,476,567	CONOCOPHILLIPS COMPANY	2,481,733
CAN TECHNOLOGIES, INC.	2,481,061	CHEN, ANDREW	2,481,683	CONOCOPHILLIPS COMPANY	2,481,950
CANDIANI, GIANPAOLO	2,476,567	CHEN, GORDON CHENG I.	2,481,447	CONOCOPHILLIPS COMPANY	2,482,057
CANDIDO, WASHINGTON	2,481,649	CHEN, LI-LAN H.	2,480,403	CONOCOPHILLIPS COMPANY	2,482,062
CANDY, WILLIAM	2,481,842	CHEN, TIMOTHY T.	2,481,413	CONSEJO SUPERIOR DE	
CANICA DESIGN INC.	2,484,841	CHEN, WEI	2,481,477	INVESTIGACIONES	
CAO, JIANHUA	2,481,940	CHEUNG, WILLIAM W.	2,480,760	CIENTIFICAS	2,476,767
CAO, JIANHUA	2,482,551	CHEUNG, MUI	2,477,505	CONSTANTINE, GINGER DALE	2,481,028
CAO, YUN-WEI	2,483,697	CHEUNG, NAI-KONG V.	2,478,082	CONTI, ETTORE	2,477,075
CAPPUCCILLI, GUIDO	2,482,769	CHIANG, BING	2,482,074	COOK, DAVID A.	2,481,061
CAPUA, ILARIA	2,482,244	CHIESI FARMACEUTICI S.P.A.	2,481,520	COOK, LISA ANN	2,481,213
CARAS, INGRID	2,478,683	CHILDREN'S HOSPITAL		COOK, ROBERT LANCE	2,482,743
CARCELLER GONZALEZ,		MEDICAL CENTER	2,477,400	COOKE, ROGER LAURENCE	2,481,070
ELENA	2,477,943	CHIRON CORPORATION	2,481,055	COOKSON, WILLIAM OSMOND	
CARGOULD, BARRY	2,482,473	CHIRON CORPORATION	2,482,744	CHARLES MICHAEL	2,483,507
CARPENTIER, PIERRE-PAUL	2,481,423	CHODYNSKI, MICHAL	2,481,909	COOL OPTIONS, INC.	2,482,186
CARR, FRANCIS J.	2,481,829	CHOI, IN-YOUNG	2,481,707	COOMBES, ALLAN GERALD	
CARRIER COMMERCIAL		CHUAQUI, CLAUDIO	2,480,860	ARTHUR	2,482,086
REFRIGERATION, INC.	2,481,946	CHUGAI SEIYAKU KABUSHIKI		CORBETT, WENDY LEA	2,482,346
CARSON, JOHN R.	2,481,855	KAISHA	2,482,703	CORIXA CORPORATION	2,476,755
CARTER, DAVID	2,481,312	CHUGH, ANITA	2,481,888	CORMONT, FRANCOISE	2,481,747
CARTER, GRAHAM	2,481,829	CIABATTI, ROMEO	2,476,567	CORNBOWER, TYRONE	2,481,840
CARTER, MATTHEW P.	2,482,027	CIARDI, JOSEPH	2,482,460	CORNELL RESEARCH	
CARTER, NICK	2,481,419	CIATTINI, ROBERTO	2,481,770	FOUNDATION, INC.	2,483,431
CASCADE TECHNOLOGIES		CIBA SPECIALTY CHEMICALS		CORNETT, JOHN B., JR.	2,480,645
LTD.	2,482,402	HOLDING INC.	2,482,540	CORNING INCORPORATED	2,481,571
CASCO PRODUCTS		CIBA SPECIALTY CHEMICALS		CORVIS CORPORATION	2,481,678
CORPORATION	2,481,882	WATER TREATMENTS		CORVIS CORPORATION	2,481,841
CASE WESTERN RESERVE		LIMITED	2,481,447	CORZANI, ITALO	2,481,575
UNIVERSITY	2,477,534	CIBULSKY, ROBERT J.	2,482,460	COSMETICA, INC.	2,481,737
CASE WESTERN RESERVE		CITY OF HOPE	2,476,530	COSTA, SCOTT	2,482,743
UNIVERSITY	2,477,566	CLARIANT (FRANCE)	2,481,708	COTTER, DAVID H.	2,482,069
CASHMAN, STUART		CLARIANT FINANCE (BVI)		COTTRELL, KEVIN M.	2,481,369
REGINALD	2,481,670	LIMITED	2,480,585	COURTNEY, LAWRENCE F.	2,481,369
CASIMIR, JEAN-PAUL	2,481,742	CLARIANT FINANCE (BVI)		COUTURE, PIERRE	2,482,006
CASS, RONALD	2,481,432	LIMITED	2,481,999	COWSILL, PAUL	2,482,052
CASTONGUAY, LAURIE A.	2,481,313	CLARK, DAVID	2,482,460	COX, CHRISTOPHER D.	2,478,068
CATTOLI, GIOVANNI	2,482,244	CLARK, STEPHEN KEITH	2,481,530	COX, RONALD C.	2,482,407
CAVALLI, ANDREA	2,482,391	CLEAN DIESEL		CRAIG, MIKE	2,481,061
CELGENE CORPORATION	2,481,385	TECHNOLOGIES, INC.	2,481,889	CRAMER, ULRICH	2,481,444
CELGENE CORPORATION	2,481,387	CLICHE, JEAN-FRANCOIS	2,482,083	CRAWFORD, ERIN L.	2,480,045
CELLA, GIANDOMENICO	2,480,539	CLUCAS, DONALD MURRAY	2,481,547	CREA, ROBERTO	2,482,769
CELLA, GIANDOMENICO	2,481,843	COHEN, PHILIP	2,481,895	CREAN, CHRISTOPHER S.	2,477,241
CENTRE NATIONAL DE LA		COLE, STEWART	2,481,318	CREMATA ALVAREZ, JOSE	
RECHERCHE		COLEMAN, PAUL J.	2,478,068	ALBERTO	2,482,411
SCIENTIFIQUE	2,481,325	COLEMAN, PAUL J.	2,483,627	CRITERION WIRELESS CORP.	2,481,203
CENTRE NATIONAL DE LA		COLGATE-PALMOLIVE	2,480,762	CRITICAL THERAPEUTICS, INC.	
RECHERCHE		COLGATE-PALMOLIVE	2,481,801		2,481,749
SCIENTIFIQUE (C.N.R.S.)	2,476,036	COLGATE-PALMOLIVE			
		COMPANY	2,481,741		

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CROCKER, PETER JOHN	2,482,047	DICOS TECHNOLOGIES INC.	2,482,083	AND COMPANY
CROPDESIGN N.V.	2,482,145	DIEHL, LINDA	2,480,162	E.I. DU PONT DE NEMOURS
CROWDER, JOSEPH M.	2,481,438	DIETERICH STANDARD, INC.	2,481,869	AND COMPANY
CRYSTAL, RONALD G.	2,483,431	DIFURIO, GABRIEL A.	2,481,665	E.R. ELLIS AND ASSOCIATES,
CULBERSON, J. CHRISTOPHER	2,478,068	DIFURIO, GABRIEL A.	2,482,031	INC.
CUPPY, STEVEN J.	2,481,203	DIGITAL ANGEL		2,481,942
CURAGEN CORPORATION	2,478,032	CORPORATION	2,481,063	EAGLE-PICHER FILTRATON
CURRAN, DESMOND T.	2,481,769	DIJOSEPH, JOHN FRANCIS	2,483,552	AND MINERALS, INC.
CV THERAPEUTICS, INC.	2,476,683	DINGES, JUERGEN	2,481,240	2,481,947
CYGENE, INC.	2,476,551	DISS, PASCAL	2,482,001	EBERT, MICHAEL J.
CYNSHI, OSAMU	2,482,703	DISTON, ANDREW STEPHEN	2,480,747	EBNER, REINHARD
CYTOCHROMA INC.	2,484,244	DOANE, SUZANN K.	2,482,021	EBNER, REINHARD
CYTONET GMBH & CO. KG	2,481,517	DOBBS, JAMES N.	2,481,646	ECOLAB INC.
CZERNUSZENKO, MAREK K.	2,481,907	DOBBYN, PETER	2,481,715	ECOLAB INC.
DABROWSKI, JOHN	2,483,544	DODWELL, GLENN W.	2,481,527	EDER, JOSEPH
DADDIS, EUGENE DUANE JR.	2,481,946	DOI, TAKASHI	2,482,048	EDER, MICHAEL
DAGA, JEAN MICHEL	2,481,336	DOLLY, JAMES OLIVER	2,483,658	EDGE, ALBERT S. B.
DAGENAIS, DAN	2,481,736	DOLNIK, VLADISLAV	2,482,338	EDINGER, SHLOMIT R.
DAGHIGHIAN, FARHAD	2,478,248	DOMINION ENGINEERING, INC.		EDMONDS, CHRISTIAN BRUCE
DAIO PAPER CORPORATION	2,482,742		2,481,540	EDWARDS, BILLY B., JR.
DALE, ROBERT	2,481,403	DONATE, FERNANDO	2,478,962	EHLERT, KERSTIN
DALL'ACQUA, WILLIAM	2,481,747	DONGBU HANNONG		EICHARDT, ANNETTE
DALLAIRE, MARTIN	2,481,423	CHEMICAL CO., LTD.	2,481,707	EITEL, CHARLES
DALMASES BARJOAN, PERE	2,481,703	DORDAL ZUERAS, ALBERTO	2,481,701	EL KASMI, SILHAM
DAMEWOOD, KEVIN	2,481,878	DORFMUELLER, SIMONE	2,482,607	ELAN PHARMA
DAMJI, SALIM	2,481,123	DORMAL, DIDIER	2,481,801	INTERNATIONAL LIMITED
DAMLE, NITIN KRISHNAJI	2,483,552	DORMAL, DIDIER	2,481,801	2,481,390
DAMODHARAN,		DOSER, KARLHEINZ	2,481,848	ELAN PHARMACEUTICALS,
RADHAKRISHNAN	2,481,653	DOTSON, THOMAS L.	2,480,249	INC.
DANENBERG, HAIM D.	2,481,524	DOTY, MARK	2,481,669	ELAN PHARMACEUTICALS,
DANIEL, JASON	2,481,653	DOUGLASS, JAMES G., III	2,477,241	INC.
DASSEUX, JEAN-LOUIS	2,480,410	DOW CORNING CORPORATION		ELAN PHARMACEUTICALS,
DASSEUX, JEAN-LOUIS	2,480,415		2,477,970	INC.
DAVENPORT, GARY MITCHELL		DOW CORNING IRELAND		ELAN PHARMACEUTICALS,
	2,481,220	LIMITED	2,481,715	INC.
DAVIS, ROBERT D.	2,481,739	DOW GLOBAL TECHNOLOGIES		ELECTROMAGNETICS
DAVIS, SARA	2,478,104	INC.	2,482,168	CORPORATION
DAVIS, SCOTT	2,478,104	DR. REDDY'S LABORATORIES		ELI LILLY AND COMPANY
DAVOL, PAMELA A.	2,477,953	LIMITED	2,481,308	ELIASHIV, ODED
DE FRANCESCHI, RENZO	2,479,233	DREAMWELL, LTD.	2,481,878	ELKINGTON, WILLIAM C.
DE HAAN, PETRUS		DROUGHT, NICHOLAS		ELLER, MARK S.
THEODORUS	2,482,395	ANDREW	2,480,747	ELLING, CHRISTIAN E.
DE JONGE, WOUTER JACOB	2,476,424	DRYLA, AGNIESZKA	2,484,335	ELLINGSEN, JAN EIRIK
DE LA CALLE, AGUSTIN	2,478,683	DU, FUSHENG	2,482,458	ELLIS, EARLE R.
DE MASI, FEDERICO	2,480,717	DUAN, BAOFU	2,481,431	ELMALEH, DAVID R.
DE MEDINA, PHILIPPE	2,481,561	DUAN, BAOFU	2,481,432	ELZEIN, ELFATHI
DECLERCK, PAUL J.	2,476,761	DUBOIS, PATRICE	2,483,782	EMERICH, DWAIN F.
DEFLORIAN, STEFANO	2,481,487	DUCKER, PAUL M.	2,481,698	EMERSON, HOLLY KATHLEEN
DEFLORIAN, STEFANO	2,481,758	DUFRESNE, STEPHANE	2,481,434	ENDERLE, UDO
DEFOSSA, ELISABETH	2,481,817	DUKE UNIVERSITY	2,481,647	ENDRESS & HAUSER GMBH &
DEFRANKS, MICHAEL S.	2,481,878	DUKE, GREG	2,482,946	CO. KG
DEGL'INNOCENTI, MARCO	2,482,256	DUNBAR, WILLIAM D.	2,482,651	ENGEL, STEFAN
DEGUARA, JOACHIM	2,482,427	DUNN, PAUL A.	2,481,907	ENHSEN, ALFONS
DEININGER, JUERGEN	2,481,476	DUPIRE, MAXIME	2,481,555	ENOMATIC S.R.L.
DEKA, GANESH CHANDRA	2,482,407	DUPUIS, PATRICIA S.	2,481,438	2,482,256
DEL TREDICI, GIANFRANCO	2,481,843	DUPUIS, PAUL B.	2,481,551	ENVENTURE GLOBAL
DEMANGEL, CAROLINE	2,481,318	DUQUESNE UNIVERSITY OF		TECHNOLOGY
DEMUTH, JEFFREY P.	2,480,045	THE HOLY GHOST	2,481,560	2,482,743
DENG, WENLONG	2,481,459	DURAND, RICHARD R., JR.	2,481,945	EPOS TECHNOLOGIES LIMITED
DENKA SEIKEN CO., LTD.	2,481,851	DURKIN, JON P.	2,480,308	2,481,643
DENSMORE, BRUCE	2,481,330	DUTREIX, MARIE	2,476,036	2,476,761
DEROUIN, JAMES O.	2,481,955	DUXBURY, GEOFFREY	2,482,402	ERIKSSON, ROLAND
DESERNO, ROLF	2,482,141	DYAX CORPORATION	2,482,596	ERIKSSON, TORE I.
DEVEGOWDA, SANDESH	2,481,841	DYCK, JEFFREY	2,481,058	ESBATECH AG
DEVENDORF, DON C.	2,480,760	DYCK, JEFFREY	2,481,422	2,482,824
DEVRIES, DAVID ALEXANDER	2,481,687	DZIEKAN, MARCIN	2,481,600	ESKILDSEN, OLAF ADRIAN
DEY, DEBENDRANATH	2,481,825	E.I. DU PONT DE NEMOURS		HOJLAND
DEY, MICHAEL STEVEN	2,481,028	AND COMPANY	2,481,109	2,482,088
		E.I. DU PONT DE NEMOURS		ESPERION LUV
		AND COMPANY	2,481,117	DEVELOPMENT, INC.
				2,480,763
				ESPERION THERAPEUTICS INC.
				2,480,410
				ESPERION THERAPEUTICS INC.
				2,480,415
				ESPINOZA, RAFAEL L.
				2,482,057
				ESPINOZA, RAFAEL L.
				2,482,062

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ESSER, JOSEF	2,482,127	FOSTER, ERIC M.	2,481,569	GENENTECH, INC.	2,478,925
ETTENBERG, SETH	2,478,032	FOURNIER, JAY A.	2,481,381	GENPAT77	
ETTL, ROLAND	2,481,797	FOUT, GARY E.	2,481,330	PHARMACOGENETICS AG	2,483,475
EUROCELTIQUE, S.A.	2,478,930	FRAANJE, IZET	2,480,732	GERBERDING, BRENT C.	2,481,224
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EVEREADY BATTERY		FRANCIS, REX WILLIAM	2,482,409	GERIENE, MARC	2,484,109
COMPANY, INC.	2,481,032	FRASER, JONATHAN BRENT	2,481,736	GERLACH, VALERIE L.	2,478,032
EXERCISE YOUR EYES, LLC	2,481,585	FRASER, PETER	2,481,312	GERLAI, ROBERT THOMAS	2,483,729
EXXONMOBIL RESEARCH AND		FRAUNHOFER-GESELLSCHAFT		GEYMONAT S.P.A.	2,477,075
ENGINEERING COMPANY	2,482,171	ZUE FORDERUNG DER		GHIRARDI, MAURIZIO	2,482,429
EXXONMOBIL UPSTREAM		ANGEWANDTEN		GILCHREST, BARBARA A.	2,481,784
RESEARCH COMPANY	2,481,907	FORSCHUNG E.V.	2,482,427	GILCHRIST, BARBARA A.	2,481,372
E-Z-EM, INC.	2,481,692	FRAUNHOFER-GESELLSCHAFT		GIRARDI, MICHAEL	2,481,958
F. HOFFMANN-LA ROCHE AG	2,482,346	ZUE FORDERUNG DER		GISLASON, JASON J.	2,481,527
F. HOFFMANN-LA ROCHE AG	2,482,544	ANGEWANDTEN		GIVENS, GEORGE E.	2,481,800
FACCHI, DANIELE	2,481,911	FORSCHUNG E.V.	2,482,607	GLANZER, KLAUS	2,481,848
FAESTE, CHRISTIANE	2,482,151	FRAZERHURST, GEOFFREY		GLAXO GROUP LIMITED	2,481,467
FAGALY, TANYA	2,483,544	SIMON	2,482,088	GLAXO GROUP LIMITED	2,482,249
FAHRNER, ROBERT LEE	2,478,925	FREYRE ALMEIDA, FREYA DE		GLENT-MADSEN, HENRIK	2,481,048
FALSAFI, AFSHIN	2,480,761	LOS MILAGROS	2,482,411	GLIESING, SABINE	2,480,130
FANSLER, DUANE D.	2,481,765	FRIEDMAN-OHANA, RACHEL	2,482,481	GLOAG, NICHOLAS J.	2,481,769
FARCHAUS, JOSEPH W., III	2,481,409	FRIGOLA CONSTANSA, JORDI	2,481,701	GLOSSNER, CLAIR JOHN, III	2,481,567
FARMER, LUC J.	2,481,369	FRISANCO, ALESSANDRO	2,481,487	GLOWAY INTERNATIONAL,	
FATTORI, JOSEPH EDWARD	2,481,741	FRISANCO, ALESSANDRO	2,481,758	INC.	2,482,377
FAUBLE, MICHAEL K.	2,481,915	FRUEBIS, JOACHIM	2,478,675	GLUTZ, ANDREW	2,482,055
FCI AMERICAS TECHNOLOGY,		FU, RONGDIAN	2,482,425	GOLD, MARK N.	2,482,020
INC.	2,481,977	FUERST, OREN	2,481,353	GOLDBERG, DENNIS I.	2,481,955
FCI AMERICA'S TECHNOLOGY,		FUJIDALA, KYLE L.	2,481,737	GOLDPOCKET INTERACTIVE,	
INC.	2,481,661	FUJIMARU, HIROTAMA	2,482,394	INC.	2,480,732
FELLA, PAOLO	2,481,780	FUJISAWA PHARMACEUTICAL		GOLDPOCKET INTERACTIVE,	
FENCHL, ANDREA	2,481,835	CO., LTD.	2,481,970	INC.	2,481,659
FENG, CHANG-DONG	2,482,011	FUJIWARA, REIKI	2,482,742	GOLOMB, GERSHON	2,481,524
FERGUSON, MARK WILLIAM		FUKAMI, HARUKAZU	2,481,704	GOMBOTZ, WAYNE R.	2,476,934
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FERNANDEZ FORNER, MARIA		FURUYA, SHUICHI	2,481,391	JAVIER	2,482,411
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FERRANTE, STEVEN	2,480,750	GABRYSCH, ALLEN D.	2,481,913	PTY LTD.	2,482,023
FERTIG, GEORG	2,482,544	GADDAM, BABU N.	2,481,765	GOODWIN, ANDREW JAMES	2,481,715
FEYECON DEVELOPMENT &		GAILLARD, PASCALE	2,481,763	GORDER, JEFF	2,481,659
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FIBERMARK, INC.	2,481,840	GALLOWAY, R. KEITH	2,481,666	GORE ENTERPRISE HOLDINGS,	
FIBRECYCLE PTY LTD.	2,480,490	GAMBRO, INC.	2,482,021	INC.	2,481,166
FINDEISEN, BRIAN	2,478,104	GANESH, SAMBASIVAM	2,481,322	GORE ENTERPRISE HOLDINGS,	
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FINK, MITCHELL P.	2,481,753	GANGOLLI, ESHA A.	2,478,032	GORMAN, LINDA	2,478,032
FISCHER, ACHIM	2,482,425	GAO, MIAN	2,484,244	GOSI, RICCARDO	2,482,256
FISCHER, RAINER	2,482,607	GAO, PING	2,481,677	GOTHARD, GRIFFIN K.	2,482,074
FISCHMAN, ALAN	2,478,248	GARAHI, MASOOD	2,481,441	GOTT, ROBERT EDWARD	2,481,454
FISHER & PAYKEL		GARG, NEERAJ	2,481,976	GOTTELAND, JEAN-PIERRE	2,481,763
APPLIANCES LIMITED	2,482,088	GARRETT, STEVEN L.	2,482,175	GOTTEMOLLER, THOMAS V.	2,481,705
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FLOUR CORPORATION	2,482,159	GEIGENBERGER, PETER	2,484,001	GRASSO, LUIGI	2,476,559
FLUBACHER, DIETMAR	2,477,224	GEIGER, RALF	2,482,427	GRAUERT, MATTHIAS	2,482,637
FOLEY, KEVIN T.	2,481,180	GELARDI, JOHN A	2,481,897	GRAVES, JASON A.	2,481,424
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FONG, YUMAN	2,476,724	GELLERT, JOBST	2,485,039	GRAVES, TIMOTHY G.	2,480,045
FONTAINE, MICHAEL	2,483,453	GENENCOR INTERNATIONAL,		GRAWE, DETLEF	2,480,130
FONTAINE, MICHAEL	2,483,564	INC.	2,476,790	GREEN VISION SYSTEMS LTD.	2,481,721
FONTANA, GABRIELE	2,482,131	GENENCOR INTERNATIONAL,		GREEN, ANDREW	2,481,442
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KYOWA HAKKO KOGYO CO. LTD.	2,481,837	LEWIS, RICHARD PAUL	2,482,014	MA, LEI	2,483,201
KYOWA HAKKO KOGYO CO. LTD.	2,481,925	LEY, HERBERT	2,481,779	MACBEATH, CALUM	2,481,575
KYOWA HAKKO KOGYO CO., LTD.	2,482,915	LEYRER, SONJA	2,481,521	MACHAJEWSKI, TIMOTHY D.	2,481,055
KYOWA HAKKO KOGYO CO., LTD.	2,483,848	LI, BI-YU	2,476,842	MACLACHLAN, TIMOTHY	2,478,032
LABORATORIOS DEL DR. ESTEVE S.A.	2,481,701	LI, GUOFU	2,482,597	MADJAR, SILVESTER	2,481,032
LABORATORIOS VITA, S.A.	2,481,703	LI, JINONG	2,478,036	MADONNA, ANGELO J.	2,482,173
LACASSE, ERIC	2,480,308	LI, LI	2,478,032	MAFFIOLI, SONIA	2,476,567
LACROIX, MATTHEW K.	2,481,662	LI, PING	2,481,287	MAGALDI RICERCHE E. BREVETTI S.R.L.	2,481,654
LADEL, CHRISTOPH	2,477,224	LI, PING	2,481,871	MAGALDI, MARIO	2,481,654
LAFONTAINE, DANIEL M.	2,481,348	LI, RONG-HAO	2,481,922	MAGLIONE, DOMENICO	2,477,075
LALIBERTY, RONALD P.	2,481,662	LI, XIAOFEN	2,476,683	MAGNE, MICHEL	2,481,555
LALIBERTY, RONALD P.	2,484,590	LI, ZHONGTAO	2,477,970	MAHANEY, PAIGE ERIN	2,482,346
LAMPE, THOMAS	2,482,151	LIANG, ALFRED	2,480,403	MAIER, GARY W.	2,482,044
LANDES, ANDREAS	2,481,793	LIANG, JIHONG	2,483,544	MAJER DOGLIONI, LUCA	2,481,573
		LIANG, LI-SHIANG	2,481,542	MAJLESSI, LALEH	2,481,318
		LIAO, YU-CAI	2,482,607	MAK, JOHN	2,482,159
		LIBERMAN, JACOB	2,481,585	MAKOHL, FRIEDHELM	2,481,800
		LIBERT, TIMOTHY A.	2,481,109	MALANDRA, JAMES L.	2,481,527
		LICHTENBERG, FLORIAN	2,484,634	MALEJONOCK, IRINA	2,481,742
		LICHTENSTEIN, ALEXANDRA	2,480,302		

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MALM, JOHAN	2,481,976	MCAVOY, GREGORY JOHN	2,482,060	GESELLSCHAFT MIT	
MALOUIN, DANIEL	2,481,423	MCBREARTY, GERALD		BESCHRANKTER	
MALYANKAR, URIEL M.	2,478,032	FRANCIS	2,481,682	HAFTUNG	2,481,829
MAN ROLAND		MCCBRIDE, CHRISTOPHER	2,481,055	MEREGOTTE, PEDRO A.	2,481,947
DRUCKMASCHINEN AG	2,481,874	MCCARRON, EUGENE M.	2,481,117	MERLO, LUCA	2,481,911
MAN ROLAND		MCCONNELL, VON	2,481,578	MESHNETWORKS, INC.	2,481,416
DRUCKMASCHINEN AG	2,481,877	MCCOY BROS. INC.	2,481,736	MESHNETWORKS, INC.	2,481,441
MAN ROLAND		MCCRAE, KEITH	2,478,962	MESHNETWORKS, INC.	2,481,901
DRUCKMASCHINEN AG	2,481,881	MCCREA, WILLIAM R.	2,481,055	MESIC, MILAN	2,481,463
MANDAYAM, JAYANTH	2,481,422	MCCULLEY, SCOTT L.	2,481,203	MESIC, MILAN	2,481,850
MANGIARACINA, PIETRO	2,481,940	MCCULLOUGH, KEVIN A.	2,482,186	MEULENBRUGGE,	
MANGIARACINA, PIETRO	2,482,551	MCDANIELS, MICHAEL D.	2,480,249	LAMBERTUS	2,482,132
MANI, NARASIMHAN	2,481,370	MCELROY, JERRY	2,483,150	MEUNIER, FREDERIC ANDRE	2,483,658
MANI, NARASIMHAN	2,482,013	MCGARRY, FREDERICK J.	2,477,970	MEYER, JAN	2,480,486
MANN, DOUGLAS	2,481,660	MCGREAL, LAURA L.	2,481,904	MEYER, JAN	2,480,741
MANN, LARRY GEORGE	2,481,571	MCGREAL, MARILYN L.	2,481,904	MEYER, JAN	2,480,750
MARANGON, STEFANO	2,482,244	MCGREAL, TIMOTHY, R.	2,481,904	MEYERS, CLIFFORD W.	2,480,760
MARAZUELA AZPIROZ,		MCGREGOR, BRUCE		MEZES, PETER S.	2,478,032
MONICA	2,476,767	REGINALD FRANK	2,482,088	M-I, L.L.C.	2,481,330
MARCH, MICHAEL U.	2,481,053	MCKERNAN, PATRICIA A.	2,480,213	MICRODRUG AG	2,482,257
MARCHETTI, FABIO	2,481,487	MCLAURIN, JOANNE	2,481,952	MICRODRUG AG	2,482,263
MARCHETTI, FABIO	2,481,758	MCLEOD, DAVID G.	2,482,168	MICRODRUG AG	2,482,271
MARCONI COMMUNICATIONS		MCMANUS, DANIEL	2,480,308	MIDDENDORP, OLIVER	
SPA	2,481,780	MCNAULL, CYNTHIA	2,481,419	MICHAEL	2,482,824
MARDH, GOERAN	2,481,890	MCQUISTIAN, KEVIN M.	2,482,456	MIKKELSEN GRAPHIC	
MARGRAF, CARL HINZ, III	2,481,088	MCVEIGH, ELLIOT	2,482,202	ENGINEERING, INC.	2,481,557
MARIANO, BRENDIA J.	2,478,068	MDS INC.	2,481,777	MIKKELSEN, STEEN	2,481,557
MARINELLI, CLAUDIO	2,481,712	MEADE, CHRISTOPHER JOHN		MILANOVA, RADKA K.	2,481,936
MARKIN, EUGENE	2,477,021	MONTAGUE	2,481,268	MILINKOVITCH, MICHEL	2,477,194
MARSH, BRENT	2,481,732	MEADE, CHRISTOPHER JOHN		MILIZIA, TIZIANA	2,480,539
MARSH, RANDALL GLENN	2,481,088	MONTAGUE	2,481,468	MILIZIA, TIZIANA	2,481,843
MARTENS, FRANCISCUS		MEADWESTVACO		MILIZIA, TIZIANA	2,481,845
JOHANNA ARNOLDUS	2,481,254	CORPORATION	2,481,897	MILLER, CHARLES E.	2,478,032
MARTIN, THOMAS E.	2,481,228	MEDICAL & BIOLOGICAL		MILLER, CHARLES E.	2,481,117
MARTIN, WILLIS	2,481,694	LABORATORIES CO., LTD.	2,483,646	MILLER, FRED, H.	2,481,486
MARTYNOW, JACEK	2,481,909	MEDICAL COLLEGE OF OHIO	2,480,045	MILLER, JAMES D.	2,482,186
MAS PRIO, JOSEP	2,481,701	MEDIMMUNE VACCINES, INC.	2,482,946	MILLET, ISABELLE	2,478,032
MASSACHUSETTS INSTITUTE		MEDIMMUNE, INC.	2,481,747	MILTZ, WOLFGANG	2,481,879
OF TECHNOLOGY	2,477,970	MEDITRON ASA	2,482,007	MINER ENTERPRISES, INC.	2,481,849
MASTER LOCK COMPANY	2,481,917	MEDIVIR AB	2,481,890	MINGOZZI, ENZO	2,482,430
MASTRODONATO, MARCO	2,481,770	MEDTRONIC, INC.	2,481,175	MIRKIN, CHAD	2,483,697
MASUDA, MASAOKI	2,481,477	MEDTRONIC, INC.	2,481,947	MIRLEY, CHRISTOPHER L.	2,481,475
MASUMOTO, JUNJI	2,481,257	MEEHAN, WOERNER P.	2,478,675	MISRA, MANORANJAN	2,481,961
MATHER, JENNIE P.	2,481,922	MEHANSHO, HAILE	2,481,209	MITCHELL, MICHAEL R.	2,481,440
MATHIEU, DANIEL J.	2,482,364	MEHANSHO, HAILE	2,481,215	MITRA, SUMITA B.	2,480,761
MATSUDA, TOSHIO	2,481,970	MEIER, PAUL F.	2,481,529	MITSUBISHI DENKI	
MATSUI, HIROSHI	2,481,851	MEIJI DAIRIES CORPORATION	2,481,586	KABUSHIKI KAISHA	2,482,431
MATSUI, KEISUKE	2,481,764	MEISSNER, HELMUT	2,481,268	MITSUBISHI RAYON CO., LTD.	2,481,323
MATSUMOTO, KENJI	2,482,458	MEISSNER, HELMUT	2,481,468	MIURA, KAZUMI	2,482,915
MATSUNAGA, NORIAKI	2,481,586	MEJIA, EZEQUIEL	2,481,063	MIYATA, HIROYUKI	2,481,839
MATSUNAGA, YUGO	2,481,916	MELCHIORRE, CARLO	2,482,391	MIYAWAKI, ATSUSHI	2,483,646
MATSUSHITA ELECTRIC		MELICAN, DAVID	2,480,802	MIZUSAWA, NAOMI	2,481,894
INDUSTRIAL CO., LTD.	2,481,257	MELIEF, CORNELIS J. M.	2,480,162	MIZUTANI, MASAKO	2,481,764
MATSUSHITA ELECTRIC		MELTZER, DAVID	2,481,567	MO, XIAOXIONG	2,481,924
INDUSTRIAL CO., LTD.	2,482,005	MENG, ZHOU	2,481,431	MOCHIDA PHARMACEUTICAL	
MATTIS, DONALD	2,481,882	MENG, ZHUO	2,481,432	CO., LTD.	2,481,979
MATUSZNY, RICHARD	2,482,473	MENNE, HUBERT	2,481,808	MOCHLY-ROSEN, DARIA	2,481,512
MAUNSELL, STEPHEN ROBERT	2,482,089	MERCEP, MLADEN	2,481,463	MOCHLY-ROSEN, DARIA	2,482,598
MAXIM PHARMACEUTICALS,		MERCEP, MLADEN	2,481,850	MOFFAT, MIRIAM FLEUR	2,483,507
INC.	2,480,047	MERCHANT, NISHITH	2,483,552	MOHAMATH, RAODOH	2,476,755
MAXWELL, TIMOTHY	2,484,841	MERCIER, GUY	2,481,867	MOHEDAS, SERGIO R.	2,482,057
MAY, KEITH	2,480,747	MERCK & CO., INC.	2,476,447	MOHEDAS, SERGIO R.	2,482,062
MAYGEN HOLDINGS LTD.	2,483,478	MERCK & CO., INC.	2,478,068	MOHEDE, INGRID CELESTINA	
MAYNARD, KEVIN RUSSELL	2,482,047	MERCK & CO., INC.	2,480,325	MARIA	2,482,019
MAYO, KEVIN H.	2,476,427	MERCK & CO., INC.	2,480,754	MOLOCK, FRANK F.	2,478,307
MAZAR, ANDREW P.	2,478,962	MERCK & CO., INC.	2,481,313	MONEUZE, GAEELLE	2,481,670
MAZESS, RICHARD B.	2,481,120	MERCK & CO., INC.	2,481,320	MONEY, JESSE E.	2,481,578
MC CORMICK, KEVIN D.	2,481,940	MERCK & CO., INC.	2,483,201	MONKS, STEPHEN A.	2,477,417
		MERCK & CO., INC.	2,483,627		

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MONSANTO TECHNOLOGY LLC	2,483,782	NAILOR, KRISTEN ELIZABETH	2,477,505	NORTHWESTERN UNIVERSITY	2,483,697
MONSANTO TECHNOLOGY, LLC	2,478,957	NAIR, RAMESH	2,481,414	NOUKAS, ELIAS G.	2,481,378
MONTESINO SEGUI, RAQUEL	2,482,411	NAKAMURA, KAZUYASU	2,481,658	NOURIZADEH, SAEID	2,482,460
MONTMINY, ARMAND T.	2,481,977	NAKAMURA, KAZUYASU	2,481,925	NOVA RAY, INC.	2,484,109
MONTMINY, EMILE O.	2,481,542	NAKAMURA, KAZUYASU	2,483,848	NOVAK, JULIA E.	2,482,368
MOONS, MARK LODEWIJK	2,481,418	NAKAO, KAZUNARI	2,481,532	NOVAMONT S.P.A.	2,480,539
MORAN, JUSTIN KEITH	2,483,552	NAKAO, KAZUNARI	2,482,382	NOVAMONT S.P.A.	2,481,843
MORARD, MARIE	2,481,555	NAKAO, MASAHIRO	2,481,704	NOVAMONT S.P.A.	2,481,845
MORAVEC, RICHARD A.	2,481,548	NAKATSUBO, TADASHI	2,481,586	NOVARTIS AG	2,481,879
MORI, KATSUHIRO	2,481,656	NAMIKAWA, KOSHI	2,481,704	NOVARTIS AG	2,482,348
MORI, KATSUHIRO	2,481,837	NANOPHASE TECHNOLOGIES CORPORATION	2,481,563	NOVARTIS AG	2,482,541
MORINAGA MILK INDUSTRY CO., LTD.	2,481,489	NAP ENTERPRISE CO., LTD.	2,482,393	NOVARTIS AG	2,482,669
MORINI, EMILIO	2,482,390	NARAYANAN, RAM GOPAL LAKSHMI	2,482,415	NOVEON IP HOLDINGS CORP.	2,481,327
MORITA, KOUCHI	2,482,048	NATHAN, ILANA	2,480,302	NUGEN TECHNOLOGIES, INC.	2,478,875
MORIYA, YOSHIMI	2,482,431	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	2,484,079	NUKUI, SEIJI	2,482,382
MOROZKINA, TATJANA SERGEJEVNA	2,482,253	NATIONAL OIL WELL NORWAY AS	2,482,417	NUNES, RAUL VICTORINO	2,481,209
MORPHOTEK, INC.	2,476,559	NCC TECHNOLOGY VENTURES PTE LIMITED	2,477,096	NUNES, RAUL VICTORINO	2,481,215
MOR-RESEARCH APPLICATIONS LTD.	2,480,302	NEAL, DANNY MARVIN	2,483,197	NUNN, KAYREN JOY	2,481,419
MORRIS, BARRY ALAN	2,481,109	NEEB, ROLF	2,481,802	NUVERA FUEL CELLS EUROPE S.R.L.	2,481,911
MORRIS, DAVID W.	2,477,974	NEELAM, BEENA	2,478,224	O.D.F. OPTRONICS LTD.	2,473,859
MORRIS, JILL A.	2,483,201	NEELAM, BEENA	2,478,271	OBINATA, MASUO	2,482,915
MORRIS, PAT	2,481,117	NEELAM, BEENA	2,483,520	OBITZ, LARS	2,482,211
MORRISON, CHRISTOPHER	2,476,683	NEILSON, LOU ANNE	2,483,627	ODELL, RAYMOND	2,481,424
MORSCHHAEUSER, GERD	2,481,268	NELSON, GEORGE R., JR.	2,480,645	ODELL, RAYMOND	2,481,769
MORSCHHAEUSER, GERD	2,481,468	NELSON, JOHN D.	2,481,088	ODUEYUNGBO, OLUWASEYIA.	2,482,057
MORTIMER, SIMON A.	2,481,769	NEOFOTISTOS, PARIS	2,481,316	ODUEYUNGBO, OLUWASEYIA.	2,482,062
MORTON, JENNIFER CLAIRE	2,481,670	NEPOMUCENO, JOSE G.	2,481,381	OFFA-JONES, MARTIN JOHN CHARLES	2,481,948
MORTON, ROBERT W.	2,481,527	NESVADBA, PETER	2,482,540	OFFRINGA, RIENK	2,480,162
MORUZZI, JAMES F.	2,482,017	NETZSCH-FEINMAHL TECHNIK GMBH	2,480,738	OGAWA, ATSUSHI	2,482,048
MOSHE, DANNY S.	2,481,721	NEUFELD, CHRISTOPHER	2,481,687	OGAWA, FUMINOBU	2,482,431
MOTOROLA, INC.	2,481,057	NEUMANN, DOUGLAS T.	2,480,732	OHKI, YUJI	2,483,848
MOUDGILL, MAYAN	2,481,567	NEUMANN, DOUGLAS T.	2,481,659	OHRENBERG, ARNE	2,482,413
MOUNT SINAI HOSPITAL	2,482,126	NEUMANN, RALF	2,482,142	OHTA, MOTOKO	2,481,851
MOUNT, DAVID B., JR.	2,477,534	NEUMANN, ULF	2,481,879	OIE, MASAKI	2,482,185
MOUNT, DAVID, B. JR.	2,477,566	NEURALAB LIMITED	2,478,049	OKAZAKI, AKIRA	2,481,925
MOUREY, ROBERT J.	2,477,980	NEW RIVER PHARMACEUTICALS INC.	2,477,088	OLBERT, ARTHUR E.	2,481,687
MOUTOUH-DE PARSEVAL, LAURE A.	2,481,385	NEW VENTURE GEAR, INC.	2,482,052	OLIVER, MARTIN J.	2,481,187
MTF MEDITECH FRANKEN GMBH	2,484,021	NEWMAM, SCOTT	2,480,732	OLLIER, WILLIAM ERNEST ROYCE	2,482,812
MUELLER, UWE	2,480,130	NEWMAM, SCOTT	2,481,659	OLON, LAWRENCE P.	2,477,088
MULLEN, SHAWN PATRICK	2,481,682	NEWPORT INSTRUMENTS	2,482,560	OLSON, KEITH E.	2,482,542
MULLER, JAMES	2,478,248	NICOLAIDES, NICHOLAS C.	2,476,559	OLSON, NELS A.	2,482,338
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MURCKO, MARK A.	2,481,369	NILSSON, BO	2,476,832	OLSSON, CHARLOTTA	2,481,495
MURRAY, PAUL D.	2,481,378	NILSSON, PER-GUNNAR	2,482,263	OLYMPIA WOMENS HEALTH	2,482,017
MURRAY, PAUL D.	2,481,900	NIOCHE, CHRISTOPHE	2,481,446	O'MALLEY, MICHAEL T.	2,484,841
MURRAY, RICHARD	2,478,683	NIPON SHOKUBAI CO., LTD.	2,482,394	OMNOVA SOLUTIONS INC.	2,481,064
MUTAHI, MWANGI W.	2,481,940	NISHI, TATSUNARI	2,482,915	ONDEO DEGREMEONT, INC.	2,481,316
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MUTTI, STEPHANE	2,481,742	NISHIMURA, NORIHITO	2,481,591	ONICIU, CARMEN DANIELA	2,480,410
MYRMAN, MATTIAS	2,482,257	NITTO DENKO CORPORATION	2,482,458	ONICIU, CARMEN DANIELA	2,480,415
MYRMAN, MATTIAS	2,482,263	NIWA, RINPEI	2,481,925	OOI, CHIA HUEY	2,477,096
MYRMAN, MATTIAS	2,482,271	NIWA, RINPEI	2,483,848	OPTIMIZATION METHODS DEUTSCHLAND GMBH	2,481,448
NAAB, PAUL	2,482,151	NOGI, KOZO	2,482,394	ORCHID CHEMICALS & PHARMACEUTICALS LIMITED	2,481,825
NAG, BISWAJIT	2,481,825	NOGUES, PIERRE	2,482,355	ORLESKIE, CHARLES THEODORE	2,481,869
NAGAHAMA, CHIAKI	2,481,323	NOKIA CORPORATION	2,482,415	ORTEGO, JAMES D., JR.	2,482,062
NAGAO, YASUMITAU	2,477,112	NOKIA CORPORATION	2,482,688	ORTEGO, JAMES DALE JR.	2,482,057
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ORTHOISOFT INC.	2,482,006	PESIC, DIJANA	2,481,850	PRADEL, JEAN-LAURENT	2,482,355
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O'SULLIVAN, GREGORY	2,483,658	PETROUNIA, LOANNA P.	2,477,530	PRAT QUINONES, MARIA	2,482,536
OTOI, KENJI	2,482,431	PETTER, RUSSELL C.	2,480,860	PRESCOTT, JOHN C.	2,478,981
OTSUKA PHARMACEUTICAL CO., LTD.	2,482,716	PEYDECASTAING, JEROME	2,481,555	PRESNELL, SCOTT R.	2,482,368
OTSUKA, HIDENORI	2,480,770	PEYMAN, JOHN	2,478,032	PROCTOR, JAMES A., JR.	2,482,424
OTT, CHRISTIAN	2,482,414	PFEIFFER, HELMUT	2,482,141	PROMEGA CORPORATION	2,481,548
OTTENEDER, MICHAEL	2,477,224	PFIZER INC.	2,481,532	PROMEGA CORPORATION	2,482,481
OTTERBEIN, LEO E.	2,481,786	PFIZER INC.	2,482,382	PROPHY MED AB	2,476,832
OULMASOV, TIM N.	2,483,544	PHARMACIA CORPORATION	2,477,980	PROTEIN DESIGN LABS, INC.	2,478,683
OULMASOV, TIM N.	2,483,782	PHARMACIA CORPORATION	2,481,677	PRUITT, JOHN	2,481,390
OUTLAW, TINA O.	2,482,542	PHILIP MORRIS PRODUCTS S.A.		PUIG TORRES, SALVADOR	2,481,703
OUTOKUMPU OYI	2,482,410		2,481,287	PULKKINEN, KARI	2,482,419
OUWERKERK, HENK	2,482,102	PHILIP MORRIS PRODUCTS S.A.		PUTHIAPARAMPIL, TOM THOMAS	2,481,322
OZIMEC, IVANA	2,481,850		2,481,381	PUTNAM, MICHAEL	2,481,419
PADIGARU, MURALIDHARA	2,478,032	PHILIP MORRIS PRODUCTS S.A.		PUZELLA, ANGELO	2,481,438
PADLO, EWA URSZULA	2,481,454		2,481,871	PYM, ALEXANDER S.	2,481,318
PAINE, ANTHONY J.	2,481,052	PHILLIPS, BURNS	2,481,190	QI, RONG	2,478,224
PAINE, JOHN BRYANT III	2,481,381	PIA, GIANCARLO T.	2,481,847	QIAN, XIAZHONG	2,478,032
PAIRET, MICHEL	2,481,268	PICARD, DOMINIC	2,482,006	QUALCOMM INCORPORATED	2,481,058
PAIRET, MICHEL	2,481,468	PICATAGGIO, STEPHEN K.	2,481,414	QUALCOMM INCORPORATED	2,481,422
PAN, ZHUANGYU	2,481,922	PICCARIELLO, THOMAS	2,477,088	QUALCOMM INCORPORATED	2,481,902
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FILVAROFF, ELLEN	2,481,756	HIROKAWA, KAZUHARU	2,481,812	UEMATSU, KAZUO	2,481,810
FILVAROFF, ELLEN	2,481,788	KAGANO, HIROKAZU	2,483,487	UEMATSU, KAZUO	2,481,812
GENENTECH, INC.	2,478,235	KALBFLEISCH, CHARLES A.	2,482,691	VANDER, NOEL T.	2,484,039
GENENTECH, INC.	2,478,728	KATO, KOJI	2,481,366	WATANABE, COLIN K.	2,478,728
GENENTECH, INC.	2,478,730	KEATHLEY, DONALD P.	2,482,691	WATANABE, COLIN K.	2,478,730
GENENTECH, INC.	2,479,476	KIM, SEONG-SUE	2,484,179	WATANABE, COLIN K.	2,479,476
GENENTECH, INC.	2,479,494	KO, JUNG-WAN	2,484,179	WATANABE, COLIN K.	2,479,494
GENENTECH, INC.	2,479,498	KONEFAL, ROBERT S.	2,484,039	WATANABE, COLIN K.	2,479,498
GENENTECH, INC.	2,481,259	LEE, KYUNG-GEUN	2,484,179	WATANABE, COLIN K.	2,481,685
GENENTECH, INC.	2,481,685	MARSTERS, SCOT A.	2,479,476	WATANABE, COLIN K.	2,481,691
GENENTECH, INC.	2,481,691	MARSTERS, SCOT A.	2,479,494	WATANABE, COLIN K.	2,481,731
GENENTECH, INC.	2,481,731	MARSTERS, SCOT A.	2,479,498	WATANABE, COLIN K.	2,481,756
GENENTECH, INC.	2,481,756	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,481,810	WATANABE, COLIN K.	2,481,788
GENENTECH, INC.	2,481,788	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,481,812	WHITE, JAMES E.	2,483,828
GENERAL MAGIC, INC.	2,483,828	NAKA, YUJI	2,481,815	WOOD, WILLIAM I.	2,478,728
GERRITSEN, MARY E.	2,481,685	ONCOZYME PHARMA INC	2,483,352	WOOD, WILLIAM I.	2,478,730
GERRITSEN, MARY E.	2,481,691	OTSUKA, TATSUHIRO	2,484,179	WOOD, WILLIAM I.	2,479,476
GERRITSEN, MARY E.	2,481,731	OWENS-ILLINOIS PRESCRIPTION PRODUCTS INC.	2,484,039	WOOD, WILLIAM I.	2,479,494
GERRITSEN, MARY E.	2,481,756	OYA, TAKEAKI	2,481,810	WOOD, WILLIAM I.	2,481,685
GERRITSEN, MARY E.	2,481,788	OYA, TAKEAKI	2,481,812	WOOD, WILLIAM I.	2,481,691
GODA, HIROSHI	2,483,487	PAN, JAMES	2,479,476	WOOD, WILLIAM I.	2,481,731
GODDARD, AUDREY	2,478,728	PAN, JAMES	2,479,494	WOOD, WILLIAM I.	2,481,756
GODDARD, AUDREY	2,478,730	PAN, JAMES	2,479,498	WOOD, WILLIAM I.	2,481,788
GODDARD, AUDREY	2,479,476	PAN, JAMES	2,479,498	WOODWARD GOVERNOR COMPANY	2,483,413
GODDARD, AUDREY	2,479,494	PARK, IN-SIK	2,484,179	YAMAMOTO, MASANOBU	2,481,815
GODDARD, AUDREY	2,479,498	PITTI, ROBERT M.	2,479,476	YAMAMOTO, MIKIO	2,483,487
GODDARD, AUDREY	2,481,685	PITTI, ROBERT M.	2,479,494	YANG, CHANG-JIN	2,484,179
GODDARD, AUDREY	2,481,691	PITTI, ROBERT M.	2,479,498	YEH, CHIAOLI	2,483,352
GODDARD, AUDREY	2,481,731	POPP, ROGER C.	2,483,413	YOON, DE-SEOP	2,484,179
GODDARD, AUDREY	2,481,756	PRESTA, LEONARD G.	2,481,259	YOSHIDA, KATSUHIKO	2,483,487
GODDARD, AUDREY	2,481,788	RIMALDI, CHRISTOPHER J.	2,481,788	YUEN, LEONARD	2,483,352
GODOWSKI, PAUL J.	2,479,476	ROE, DEREK VERNON	2,483,113	ZUPANICK, JOSEPH A.	2,483,023
GODOWSKI, PAUL J.	2,479,494	ROY, MARGARET ANN	2,478,728		
GODOWSKI, PAUL J.	2,479,498				
GODOWSKI, PAUL J.	2,481,685				
GODOWSKI, PAUL J.	2,481,691				