

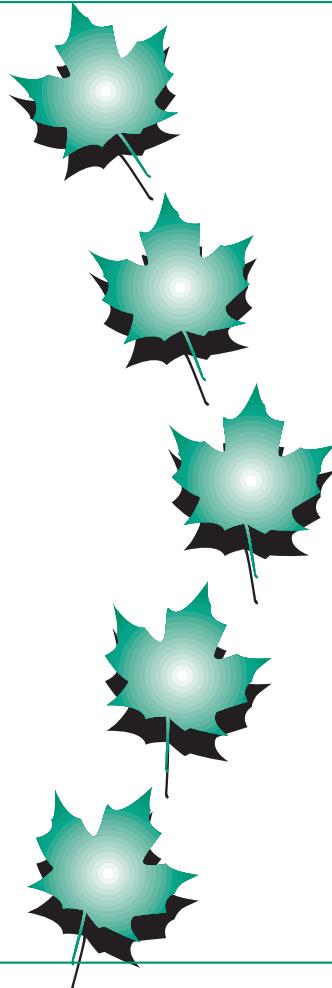


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The Patent Office Record

La Gazette du Bureau des brevets

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THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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

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

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

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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

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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'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
- [41] - Date de mise à la disposition publique
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

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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 Laid-Open Applications

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

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

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

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 du lien 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 mégaoctets qui excède 7 mégaoctets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

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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 *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

2,192,714

2,299,486

2,115,682 (Issued on March 18, 2003)

2,117,185 (Issued on February 16, 1999)

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.

2,192,714

2,299,486

2,115,682 (Émis le 18 janvier 2003)

2,117,185 (Émis le 16 fevrier 1999)

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9. Laid-Open Applications

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

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11. PATENT COOPERATION TREATY (PCT)

SCHEDULE OF FEES APPLICABLE FROM MAY 1, 2004

1. Transmittal Fee (Rule 14)	\$300.00
2.*International Filing Fee	\$1489.00
Amount for each additional sheet over 30	\$16.00
3. International Search Fee	\$2520.00

The above-mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for Canada.

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

5. Late Payment Fee	50% of the fees that are due, or Minimum: Transmittal Fee Maximum: International Filing Fee Preliminary Examination
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6. Handling Fee (Rule 57.2(a))	129 Euro
7. Preliminary Examination Fee (Rule 58)	1530 Euro

The Preliminary Examination Fees are payable in Euros and should be paid directly to the European Patent Office in Munich. Please note that the European Patent Office will **NOT** consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

* International fees will be reduced by **\$106** for all applications filed using PCT-SAFE**

** PCT-SAFE is replacing PCT-EASY.

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

BARÈME DE TAXES À PARTIR DU 1 MAI 2004

1. Taxe de transmission (Règle 14)	300,00 \$
2.*Taxe de dépôt internationale (Règle 15.2(a))	1489,00 \$
Montant pour chaque feuille au delà de 30	16,00 \$
3.Taxe de recherche internationale	2520.00 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

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

5. Taxe pour paiement tardif	50% du montant impayé, ou Minimum: taxe de transmission Maximum: taxe de base Examen préliminaire
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6. Taxe de traitement	129 Euro
7. Taxe d'examen préliminaire (Règle 58)	1530 Euro

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

* Les frais seront réduit de **106\$** pour toutes les demandes déposées en utilisant PCT-SAFE**

** PCT-SAFE remplacera PCT-EASY.

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12. PCT notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

13. 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 Hull, 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 and not on

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Exigences des signatures du PCT

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

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement.

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

13. 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 Hull, 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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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 Hull, 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

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 Hull, 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 auquel aucune de ces deux circonstances n'existe 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

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whether such extensions would be recognized by other countries 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.

l'acceptation éventuelle de ces prorogations par d'autres pays; il 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, qui ne sont pas des jours fériés pour l'administration fédérale, qui 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 précédent 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.

Notices

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

*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.

14. Erratum

Reference to the laid open of the following application referred to in the Canadian Patent Office Record of May 25, 2004 was in error. No application was laid opened under this number.

2,408,192

14. Erratum

Les renseignements fournis sur le numéro de demande suivant dans la *Gazette du bureau des brevets* du 25 mai 2004 étaient fautifs. Aucune demande n'a été ouverte au public sous ce numéro.

2,408,192

15. Canadian Laid-Open Applications

The *Canadian Patent Office Record* of June 15, 2004 contains laid-open applications from May 23, 2004 - May 29, 2004

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 23 mai 2004 - 29 mai 2004

Avis

Canadian Patents Issued

June 15, 2004

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15 juin 2004

[11] 2,039,560
[13] C

[51] Int.Cl. 5B65D 33/24
[25] EN
[54] BAG CLOSURE STRUCTURE IN WHICH A SINGLE RESEALABLE CLOSURE ACTS AS BOTH THE PRIMARY AND SECONDARY CLOSURES
[54] SAC REFERMABLE OU UN DISPOSITIF DE FERMETURE UNIQUE SERT DE FERMETURE PRIMAIRE ET SECONDAIRE
[72] HANLDER, MICHAEL D., US
[72] SCHWIER, ROBERT W., US
[73] COLGATE PALMOLIVE COMPANY, US
[22] 1991-04-02
[30] US (504,595) 1990-04-03
[30] US (537,608) 1990-06-14

[11] 2,049,921
[13] C

[51] Int.Cl. 5C12N 15/29 6C07K 7/04
6C07K 16/16 5A61K 39/36 6C07K 14/415
5G01N 33/68
[25] EN
[54] ALLERGENIC PROTEINS FROM RAGWEED AND USES THEREFOR
[54] PROTEINES ALLERGENES DE L'HERBE A POUX ET LEUR UTILISATION
[72] RAFNAR, THORUNN, US
[72] ROGERS, BRUCE, US
[72] KLAPPER, DAVID G., US
[72] KUO, MEI-CHANG, US
[73] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[73] IMMULOGIC PHARMACEUTICAL CORPORATION, US
[85] 1991-09-09
[86] 1990-03-09 (PCT/US1990/001310)
[87] (WO1990/011293)
[30] US (325,365) 1989-03-17

[11] 2,054,250
[13] C

[51] Int.Cl. 5B65H 18/26
[25] EN
[54] REEL-UP AND METHOD FOR REGULATION OF THE NIP PRESSURE IN A REEL-UP
[54] ENROULEUSE ET METHODE DE REGULATION DE LA PRESSION AU POINT DE PINCAGE DANS UNE ENROULEUSE
[72] KYYTSÖNEN, MARKKU, FI
[73] METSO PAPER, INC., FI
[22] 1991-10-25
[30] FI (905283) 1990-10-26

[11] 2,067,211
[13] C

[51] Int.Cl. 5C08B 37/00 5A61K 31/725
[25] EN
[54] PHOSPHOLIPID- OR LIPID-LINKED GLYCOSAMINOGLYCAN, PROCESS FOR PRODUCING THE SAME AND METASTASIS INHIBITOR
[54] GLYCOSAMINOGLYCAN LIE AUX LIPIDES OU AUX PHOSPHOLIPIDES, PROCEDE DE PRODUCTION ET INHIBITEUR DE METASTASE
[72] SAKURAI, KATSUKIYO, JP
[72] SUGIURA, NOBUO, JP
[72] KIMATA, KOJI, JP
[72] SUZUKI, SAKARU, JP
[73] SEIKAGAKU KOGYO CO. LTD., JP
[85] 1992-03-12
[86] 1991-07-24 (PCT/JP1991/000995)
[87] (WO1992/001720)
[30] JP (2-193816) 1990-07-24
[30] JP (2-193817) 1990-07-24
[30] JP (2-193818) 1990-07-24

[11] 2,071,401
[13] C

[51] Int.Cl. 5C08F 273/00 5C09D 151/00
5C09J 151/00 5C08L 51/00
[25] EN
[54] GRAFT COPOLYMERS PREPARED BY TWO-STAGED AQUEOUS EMULSION POLYMERIZATION
[54] COPOLYMERES GREFFES, PREPARES PAR POLYMERISATION EN EMULSION AQUEUSE A DEUX ETAPES
[72] AMICK, DAVID R., US
[72] EMMONS, WILLIAM D., US
[72] LORAH, DENNIS P., US
[73] AMICK, DAVID R., US
[73] EMMONS, WILLIAM D., US
[73] LORAH, DENNIS P., US
[22] 1992-06-17
[30] US (722,562) 1991-06-27

[11] 2,073,161
[13] C

[51] Int.Cl. 5B65D 85/24
[25] EN
[54] NEEDLE PARK
[54] DISPOSITIF DE BLOCAGE D'AIGUILLE
[72] ALPERN, MARVIN, US
[73] ETHICON, INC., US
[22] 1992-07-06
[30] US (751,039) 1991-08-28

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[11] **2,086,426**
 [13] C

[51] Int.Cl. 5C07F 13/00 5C07B 59/00
 5C07F 9/00 5C07F 11/00 5C07F 15/00
 5A61K 49/02
 [25] FR
 [54] PROCEDE DE PREPARATION DE COMPLEXES NITRURO DE METAUX DE TRANSITION
 [54] PROCESS FOR THE PREPARATION OF TRANSITION METAL NITRIDO COMPLEXES
 [72] PASQUALINI, ROBERTO, FR
 [72] COMAZZI, VERONIQUE, FR
 [72] BELLANDE, EMMANUEL, FR
 [73] CIS BIO INTERNATIONAL, FR
 [85] 1992-12-29
 [86] 1991-07-03 (PCT/FR1991/000536)
 [87] (WO1992/000982)
 [30] FR (90/08473) 1990-07-04

[11] **2,086,642**
 [13] C

[51] Int.Cl. 5A61K 31/71
 [25] EN
 [54] METHOD OF TREATING HYPERPROLIFERATIVE VASCULAR DISEASE
 [54] METHODE DE TRAITEMENT D'UNE AFFECTION VASCULAIRE A EVOLUTION CHRONIQUE
 [72] MORRIS, RANDALL E., US
 [72] GREGORY, CLARE R., US
 [73] WYETH COMPANY, US
 [22] 1993-01-04
 [30] US (819,314) 1992-01-09

[11] **2,087,880**
 [13] C

[51] Int.Cl. 5C07D 239/48 5C07D 239/553
 [25] EN
 [54] N-5-PROTECTED 2,5-DIAMINO-4,6-DICHLOROPYRIMIDINES AND PROCESS FOR THEIR PRODUCTION
 [54] 2,5-DIAMINO-4,6-DICHLOROPYRIMIDINES PROTEGEES EN N,5; METHODE DE PREPARATION
 [72] STUCKY, GERHARD, CH
 [72] PREVIDOLI, FELIX, CH
 [73] LONZA LTD., CH
 [22] 1993-01-22
 [30] CH (179/92) 1992-01-22

[11] **2,088,334**
 [13] C

[51] Int.Cl. 5A61K 9/36
 [25] EN
 [54] FAST DISSOLVING TABLET AND ITS PRODUCTION
 [54] COMPRIME A DISSOLUTION RAPIDE, ET PRODUCTION
 [72] MAKINO, TADASHI, JP
 [72] YAMADA, MASAYUKI, JP
 [72] KIKUTA, JUN-ICHI, JP
 [73] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
 [22] 1993-01-28
 [30] JP (13511/1992) 1992-01-29

[11] **2,093,269**
 [13] C

[51] Int.Cl. 5A61L 27/00 5A61F 2/28
 [25] FR
 [54] MATERIAU POUR PROTHESE OSSEUSE CONTENANT DES PARTICULES DE CARBONATE DE CALCIUM DISPERSEES DANS UNE MATRICE POLYMERÉE BIRESORBABLE
 [54] BONE PROSTHESIS MATERIAL CONTAINING CALCIUM CARBONATE PARTICLES DISPERSED IN A BIRESORBABLE POLYMERIC MATRIX
 [72] CHRISTEL, PASCAL, FR
 [72] LI, SU MING, FR
 [72] VERT, MICHEL, FR
 [72] PATAT, JEAN-LOUIS, FR
 [73] BIO HOLDINGS INTERNATIONAL, LIMITED, VG
 [22] 1993-04-02
 [30] FR (92 04 096) 1992-04-03

[11] **2,094,858**
 [13] C

[51] Int.Cl. 5A61K 31/725 5A61K 31/445
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 [25] EN
 [54] METHOD OF TREATING HYPERPROLIFERATIVE VASCULAR DISEASE
 [54] METHODE DE TRAITEMENT DES MALADIES VASCULAIRES HYPERPROLIFERATIVES
 [72] MITCHELL, ROBERT D., US
 [72] SKWISH, STEPHEN, US
 [73] WYETH COMPANY, US
 [22] 1993-04-26
 [30] US (874,895) 1992-04-28
 [30] GB (9217630.4) 1992-08-19

[11] **2,102,462**
 [13] C

[51] Int.Cl. 5A61M 16/04
 [25] EN
 [54] EMERGENCY RESUSCITATION APPARATUS
 [54] DISPOSITIF DE REANIMATION D'URGENCE
 [72] SATO, TORU, JP
 [73] NIPRO CORPORATION, JP
 [73] SATO, TORU, JP
 [22] 1993-11-04
 [30] JP (4-322521) 1992-11-06

[11] **2,104,493**
 [13] C

[51] Int.Cl. 5B02C 13/18 5B02C 23/24
 [25] EN
 [54] ULTRACENTRIFUGAL DISINTEGRATOR AND ITS USE FOR THE CRYOCOMMINUTION OF HEAT SENSITIVE MATERIAL
 [54] DESINTEGRATEUR ULTRACENTRIFUGE ET SON UTILISATION POUR LA CRYOCOMMINUTION DE MATERIAU THERMOSENSIBLE
 [72] ORSOLINI, PIERO, CH
 [72] HEIMGARTNER, FREDERIC, CH
 [72] HEIMGARTNER, EDITH, CH
 [73] DEBIO RECHERCHE PHARMACEUTIQUE SA, CH
 [22] 1993-08-20
 [30] CH (2613/92) 1992-08-21

[11] **2,105,956**
 [13] C

[51] Int.Cl. 5C01F 7/02 5C08K 3/22 5C01F 7/34
 [25] EN
 [54] PROCESS FOR THE PRODUCTION OF AN ALUMINUM HYDROXIDE AL(OH)3 HAVING ROUNDED GRAIN SURFACES
 [54] PROCEDE POUR L'OBTENTION D'UN HYDROXYDE D'ALUMINIUM AL(OH)3 EN FORME DE GRAINS ARRONDIS
 [72] BROWN, NEIL, DE
 [72] VAN PEIJ, DETLEF, DE
 [73] MARTINSWERK G.M.B.H. FUR CHEMISCHE UND METALLURGISCHE PRODUKTION, DE
 [22] 1993-09-10
 [30] DE (P 41 31 874.2) 1992-09-23

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[11] 2,107,502
[13] C

[51] Int.Cl. 5A01N 53/00 5B27K 3/40
[25] EN
[54] MICROBICIDAL COMPOSITIONS
[54] COMPOSITIONS MICROBICIDES
[72] HEUER, LUTZ, DE
[72] WACHTLER, PETER, DE
[72] SCHWAMBORN, MICHAEL, DE
[72] KUGLER, MARTIN, DE
[72] BUSCHHAUS, HANS-ULRICH, DE
[73] BAYER AKTIENGESELLSCHAFT,
DE
[22] 1993-10-01
[30] DE (P 42 33 337.7) 1992-10-05

[11] 2,109,256
[13] C

[51] Int.Cl. 6C07K 7/06 5A61K 43/00
5A61K 49/02 6C07K 1/04 5A61K 47/48
5G01N 33/574 5G01N 33/577
[25] FR
[54] DERIVES BI-HAPTEMES LIANT LE
TECHNETIUM OU LE RHENIUM,
PROCEDE DE PREPARATION,
APPLICATION AU DIAGNOSTIC ET A
LA THERAPEUTIQUE, KITS ET
REACTIFS IMMUNOLOGIQUES LES
RENFERMANT
[54] TECHNETIUM OR RHENIUM-
BINDING BI-HAPTEM DERIVATIVES, A
PROCESS FOR THEIR PREPARATION,
DIAGNOSTIC AND THERAPEUTIC
APPLICATION, AND KITS AND
IMMUNOLOGICAL REAGENTS
CONTAINING SAME
[72] GRUAZ-GUYON, ANNE, FR
[72] LE DOUSSAL, JEAN-MARC, FR
[72] DELAAGE, MICHEL, FR
[72] BARBET, JACQUES, FR
[73] IMMUNOTECH PARTNERS, FR
[22] 1993-10-26
[30] FR (92 13 267) 1992-10-27

[11] 2,112,814
[13] C

[51] Int.Cl. 5H04Q 1/14 5H01R 13/52
[25] EN
[54] TELECOMMUNICATIONS
NETWORK INTERFACE ASSEMBLY
[54] INTERFACE DE RESEAU DE
TELECOMMUNICATION
[72] JENSEN, MICHAEL L., US
[72] BAUM, THOMAS M., US
[72] FRANCIS, JOHN E., US
[72] MASON, JOHN C., US
[72] SMITH, JACK A., JR., US
[73] RAYCHEM CORPORATION, US
[85] 1994-01-04
[86] 1993-05-11 (PCT/US1993/004427)
[87] (WO1993/023960)
[30] US (07/881,958) 1992-05-12

[11] 2,114,343
[13] C

[51] Int.Cl. 5B01D 53/14
[25] EN
[54] COST REDUCTION OF WET FGD
SYSTEM WITH A TRAY
[54] METHODE ET DISPOSITIF,
PERMETTANT DE REDUIRE LE COUT
DE LA DESULFURATION DE GAZ DE
COMBUSTION
[72] GOHARA, WADIE F., US
[72] JOHNSON, DENNIS W., US
[72] MYERS, ROBERT B., US
[72] WILLIAMS, PAUL JOSEPH, US
[73] BABCOCK & WILCOX COMPANY
(THE), US
[22] 1994-01-27
[30] US (009,698) 1993-01-27

[11] 2,113,389
[13] C

[51] Int.Cl. 5B01F 7/14
[25] EN
[54] MIXING APPARATUS
[54] APPAREIL MELANGEUR
[72] BRUNN, RANDY JOHN, US
[73] RED DEVIL EQUIPMENT
COMPANY, US
[22] 1994-01-13
[30] US (08/004,810) 1993-01-15
[30] US (08/140,751) 1993-10-21

[11] 2,116,182
[13] C

[51] Int.Cl. 5B32B 27/08 5B29C 47/06
[25] EN
[54] HEAT-SEALABLE ORIENTED
MULTILAYER POLYOLEFIN FILM,
PROCESS FOR THE PRODUCTION
THEREOF, AND THE USE THEREOF
[54] PELLICULE
THERMOSCELLABLE DE
POLYOLEFINE A COUCHES
MULTIPLES ORIENTEES, PROCEDE
DE PRODUCTION ET UTILISATION
CONNEXES
[72] MURSCHALL, URSULA, DE
[72] PEIFFER, HERBERT, DE
[72] SCHLOEGL, GUNTER, DE
[73] TRESPAPHAN GMBH, DE
[22] 1994-02-22
[30] DE (P 43 06 153.2) 1993-02-27

[11] 2,114,192
[13] C

[51] Int.Cl. 5B65G 15/22
[25] EN
[54] HANDLING-SWITCHING
MACHINE WITH DEVICES SUITABLE
TO KEEP IN THE HORIZONTAL
POSITION THE PIECE CONVEYOR
TABLES
[54] APPAREIL DE MANUTENTION-
TRANSFERT A DISPOSITIF DE
MAINTIEN DES TABLIERS DE
TRANSFERT EN POSITION
HORIZONTALE
[72] GENNARI, NEDO, IT
[72] FAURE, ANDREA, IT
[73] FINMECCANICA S.P.A., IT
[22] 1994-01-25
[30] IT (MI93 A 000308) 1993-02-19

[11] 2,117,453
[13] C

[51] Int.Cl. 5C03B 23/11 5G01J 5/00
5G01B 11/02 5C03B 23/08
[25] EN
[54] METHOD FOR CONTROLLING
THE FREE DEFORMATION OF
THERMOPLASTIC MATERIAL
[54] METHODE POUR REGULER LA
LIBRE DEFORMATION D'UN
THERMOPLASTIQUE
[72] WALTER, CLAUS, DE
[72] SCHMITZ, PAUL, DE
[73] SCHOTT ROHRLAS GMBH, DE
[22] 1994-08-10
[30] DE (P 43 32 024.4) 1993-09-21

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[11] **2,119,171**
[13] C

[51] Int.Cl. 5B01F 7/02 5B01F 3/00
[25] EN
[54] METHOD FOR MIXING
GRANULATES, POWDERS AND
LIQUIDS AND A DEVICE THEREFOR
[54] PROCEDE POUR MELANGER DES
MATERIES GRANULEUSES, EN
POUDRE ET LIQUIDES ET
MELANGEUR UTILISE A CES FINS
[72] ZUIDEMA, HETTE, NL
[73] ZUIDEMA, HETTE, NL
[22] 1994-03-16
[30] NL (9300487) 1993-03-18
[30] EP (93203515.7) 1993-12-14

[11] **2,120,582**
[13] C

[51] Int.Cl. 5C08J 5/22
[25] FR
[54] PROCEDE DE FABRICATION
D'UNE MEMBRANE BIPOLAIRE ET
PROCEDE DE FABRICATION D'UNE
SOLUTION AQUEUSE D'HYDROXYDE
DE METAL ALCALIN
[54] PROCESS FOR THE
FABRICATION OF A BIPOLAR
MEMBRANE AND PROCESS FOR THE
FABRICATION OF AN AQUEOUS
SOLUTION OF AN ALKALINE METAL
HYDROXYDE
[72] POSAR, FRANCESCO, IT
[72] RICCIARDI, MAURO, IT
[73] SOLVAY (SOCIETE ANONYME), BE
[22] 1994-04-05
[30] BE (09300351) 1993-04-08

[11] **2,121,107**
[13] C

[51] Int.Cl. 5G06F 15/20
[25] EN
[54] MULTIPLE LEVEL UNDO/REDO
MECHANISM
[54] MECANISME DE SUPPRESSION/
REEEXECUTION A NIVEAUX
MULTIPLES
[72] NAKAJIMA, SATOSHI, US
[73] MICROSOFT CORPORATION, US
[22] 1994-04-12
[30] US (08/052,036) 1993-04-22

[11] **2,123,689**
[13] C

[51] Int.Cl. 5B29C 65/14 5H02G 15/08
[25] EN
[54] METHOD AND ARTICLE FOR
MICROWAVE BONDING OF SPLICE
CLOSURE
[54] PROCEDE ET MATERIAU DE
SOUDAGE PAR MICRO-ONDES
D'EPISSURES
[72] CHAMBERLAIN, CRAIG S., US
[72] DRESSLER, DARYL D., US
[72] FISH, BRIAN J., US
[73] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[85] 1994-05-16
[86] 1992-11-25 (PCT/US1992/010212)
[87] (WO1993/010960)
[30] US (07/800644) 1991-11-27

[11] **2,123,690**
[13] C

[51] Int.Cl. 5B29C 65/14
[25] EN
[54] METHOD AND ARTICLE FOR
MICROWAVE BONDING OF
POLYETHYLENE PIPE
[54] PROCEDE ET MATERIAU DE
SOUDAGE PAR MICRO-ONDES DE
TUYAUX DE POLYETHYLENE
[72] CHAMBERLAIN, CRAIG S., US
[72] DRESSLER, DARYL D., US
[72] FISH, BRIAN J., US
[73] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[85] 1994-05-16
[86] 1992-11-25 (PCT/US1992/010211)
[87] (WO1993/010962)
[30] US (07/800640) 1991-11-27

[11] **2,126,083**
[13] C

[51] Int.Cl. 5A61K 31/71 5A61K 31/335
5A61K 31/47
[25] EN
[54] USE OF APP MODULATORS FOR
THE MANUFACTURE OF A
MEDICAMENT FOR THE TREATMENT
OF AMYLOIDOSIS
[54] UTILISATION DE MODULATEURS
DE L'APP POUR LA FABRICATION
D'UN MEDICAMENT POUR LE
TRAITEMENT DE L'AMYLOIDOSE
[72] GANDY, SAMUEL E., US
[72] CAPORASO, GREGG L., US
[72] GREENGARD, PAUL, US
[73] ROCKEFELLER UNIVERSITY (THE),
US
[85] 1994-06-16
[86] 1992-12-17 (PCT/US1992/010961)
[87] (WO1993/011762)
[30] US (809,174) 1991-12-17

[11] **2,126,782**
[13] C

[51] Int.Cl. 5C10G 33/04 5B01D 17/05
[25] EN
[54] METHOD OF RESOLVING OIL
AND WATER EMULSIONS
[54] METHODE POUR SEPARER DES
EMULSIONS D'HUILE DANS L'EAU ET
D'EAU DANS L'HUILE
[72] HART, PAUL R., US
[72] BROWN, J. MICHAEL, US
[72] CONNORS, EDWARD J., US
[73] BETZDEARBORN INC., US
[22] 1994-06-27
[30] US (263,302) 1994-06-21

[11] **2,128,827**
[13] C

[51] Int.Cl. 5F01N 3/28
[25] EN
[54] CATALYTIC CONVERTER AND
DIESEL PARTICULATE FILTER
[54] CONVERTISSEUR CATALYTIQUE
ET FILTRE POUR ECHAPPEMENT DE
MOTEUR DIESEL
[72] STROOM, PAUL D., US
[72] HOWORTH, GARY F., US
[72] SCHWEITZER, MICHAEL T., US
[73] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[22] 1994-07-26
[30] US (08/109646) 1993-08-20

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[51] Int.Cl. 5B32B 15/08 5B65D 65/40
[25] EN
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[54] MATERIAU COMPOSÉ
[72] BREITLER, HANS P., CH
[72] SOMMERER, KLAUS, DE
[72] ROULIN, MONIQUE, CH
[73] ALCAN TECHNOLOGY &
MANAGEMENT AG, CH
[85] 1994-10-04
[86] 1994-02-17 (PCT/CH1994/000035)
[87] (WO1994/019184)
[30] CH (576/93-4) 1993-02-25

[11] 2,134,371
[13] C
[51] Int.Cl. 5H04N 7/12
[25] EN
[54] SYSTEM AND METHOD FOR
PACKING DATA INTO VIDEO
PROCESSOR
[54] SYSTEME ET METHODE
D'INJECTION DE DONNEES DANS UN
PROCESSEUR VIDEO
[72] GOVE, ROBERT J., US
[72] DOHERTY, DONALD B., US
[72] MARSHALL, STEPHEN W., US
[72] DAVIS, CARL W., US
[72] EGAN, JOSEPH G., US
[72] MEYER, RICHARD C., US
[72] SAMPSSELL, JEFFREY B., US
[72] HEIMBUCH, SCOTT D., US
[73] TEXAS INSTRUMENTS
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[22] 1994-10-26
[30] US (147,801) 1993-11-04

[11] 2,137,122
[13] C
[51] Int.Cl. 5C03C 3/076 5C03C 3/078
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[25] EN
[54] LEAD-FREE GLASSES
EXHIBITING CHARACTERISTICS OF
CRYSTAL
[54] VERRES SANS PLOMB
PRESENTANT LES
CARACTERISTIQUES DU CRISTAL
[72] COMTE, MARIE J. M., FR
[73] CORNING INCORPORATED, US
[22] 1994-12-01
[30] FR (9314881) 1993-12-10

[11] 2,137,393
[13] C
[51] Int.Cl. 5A61B 17/58
[25] EN
[54] BONE FIXATION ELEMENT
[54] ELEMENT DE FIXATION
OSSEUSE
[72] SCHAVAN, ROBERT, CH
[72] FRIGG, ROBERT, CH
[73] SYNTHES (U.S.A.), US
[22] 1994-12-06
[30] CH (03 643/93-8) 1993-12-07

[11] 2,143,540
[13] C
[51] Int.Cl. 6B65D 83/04
[25] EN
[54] UNIT-DOSE MEDICATION
DISPENSER AND MULTIPLE-
DISPENSER FRAME THEREFOR
[54] DISTRIBUTEUR DE DOSES
UNITAIRES DE MEDICAMENT ET
CONTENANT MULTIDISTRIBUTEUR
[72] ROMICK, JEROME M., US
[73] ARTROMICK INTERNATIONAL,
INC., US
[22] 1995-02-28
[30] US (08/203,554) 1994-03-01

[11] 2,143,852
[13] C
[51] Int.Cl. 6B65F 3/20
[25] EN
[54] APPARATUS FOR PACKING
SEPARATED RECYCLABLE
MATERIALS
[54] DISPOSITIF POUR LE
TRANSPORT DE PRODUITS
RECYCLABLES DANS DES
COMPARTIMENTS SEPARÉS
[72] RATLEDGE, RALPH H., JR., US
[73] HEIL COMPANY (THE), US
[85] 1995-03-03
[86] 1993-09-01 (PCT/US1993/008244)
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[30] US (07/940,532) 1992-09-04

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[51] Int.Cl. 6C09D 11/00 6B41M 3/14
[25] EN
[54] USE OF INTERFERENCE
PIGMENTS IN THE MANUFACTURE
OF FORGERY-PROOF SECURITIES
[54] UTILISATION DE PIGMENTS
INTERFERENTIELS POUR LA
FABRICATION DE TITRES A
L'EPRUVE DES FAUSSAIRES
[72] OSTERTAG, WERNER, DE
[72] SCHMIDT, HELMUT, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[85] 1995-03-06
[86] 1993-11-30 (PCT/EP1993/003351)
[87] (WO1994/013489)
[30] DE (P 42 41 753.8) 1992-12-11

[11] 2,145,082
[13] C
[51] Int.Cl. 6C09D 17/00 6C09D 7/14
[25] EN
[54] MIXER SYSTEM FOR THE
PRODUCTION OF SOLVENT-
CONTAINING COATING
COMPOSITIONS
[54] SYSTEME MELANGEUR POUR
L'OBTENTION DE COMPOSITIONS DE
REVETEMENT RENFERMANT UN
SOLVANT
[72] BRUNNEMANN, MICHAEL, DE
[72] GRABBE, MICHAEL, DE
[72] HOFFMANN, PETER, DE
[72] MAYER, BERND, DE
[73] BASF LACKE + FARBEN
AKTIENGESELLSCHAFT, DE
[85] 1995-03-20
[86] 1993-09-25 (PCT/EP1993/002615)
[87] (WO1994/007961)
[30] DE (P 42 32 717.2) 1992-09-30

[11] 2,148,705
[13] C
[51] Int.Cl. 6C07C 43/11 6C11D 1/72
[25] EN
[54] ALKOXYLATE OF 2-PROPYL
HEPTANOL AND USE THEREOF
[54] PRODUIT D'ALCOXYLATION DE
2-PROPYLHEPTANOL; SON
UTILISATION
[72] DAHLGREN, LENNART, SE
[72] BERGSTROM, KARIN, SE
[73] BEROL NOBEL AB, SE
[85] 1995-05-04
[86] 1993-11-12 (PCT/SE1993/000966)
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THERMOMECHANICAL ACTUATOR
[54] DISPOSITIF DE COMMANDE
THERMOMECANIQUE A HAUTE
VITESSE
[72] SCHNEIDER, EDWARD T., US
[73] SCHNEIDER, EDWARD T., US
[85] 1995-06-13
[86] 1994-01-10 (PCT/US1994/000312)
[87] (WO1994/016368)
[30] US (08/002,149) 1993-01-11

[11] **2,153,195**
[13] C

[51] Int.Cl. 6C07D 491/052 6A61K 31/40
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[25] FR
[54] NOUVEAUX DERIVES DE
BENZOPYRANE, LEUR PROCEDE DE
PREPARATION ET LES
COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT
[54] NEW BENZOPYRAN
DERIVATIVES; PROCESS FOR
PREPARING THE SAME AND
PHARMACEUTICAL COMPOSITIONS
CONTAINING THEM
[72] LAVIELLE, GILBERT, FR
[72] DUBUFFET, THIERRY, FR
[72] MILLAN, MARK, FR
[72] NEWMAN-TANCREDI, ADRIAN, FR
[73] LES LABORATOIRES SERVIER, FR
[22] 1995-07-04
[30] FR (94.08328) 1994-07-06

[11] **2,157,673**
[13] C

[51] Int.Cl. 6C11D 1/75 6C11D 3/43
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[25] EN
[54] MULTI-SURFACE CLEANING
COMPOSITIONS AND METHOD OF
USE
[54] COMPOSITIONS NETTOYANTES
POLYVALENTE ET METHODE
D'UTILISATION CORRESPONDANTE
[72] McDONELL, JAMES A., US
[73] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[85] 1995-09-06
[86] 1994-01-25 (PCT/US1994/000907)
[87] (WO1994/022996)
[30] US (08/039632) 1993-03-30

[11] **2,159,330**
[13] C

[51] Int.Cl. 6C07K 14/705 6A61K 38/17
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[25] EN
[54] INHIBITION OF LEUKOCYTE
ADHESION
[54] INHIBITION DE L'ADHERENCE
DES LEUCOCYTES
[72] LASKY, LAURENCE A., US
[72] BAUMHUETER, SUSANNE, US
[72] ROSEN, STEVEN D., US
[72] SINGER, MARK S., US
[73] THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA, US
[73] GENENTECH, INC., US
[85] 1995-09-27
[86] 1994-04-06 (PCT/US1994/003791)
[87] (WO1994/025047)
[30] US (08/056454) 1993-05-03

[11] **2,159,897**
[13] C

[51] Int.Cl. 6C08K 3/34 6B60C 1/00
6C08L 21/00
[25] EN
[54] COMPOSITE TIRE INNER-LINERS
AND INNER TUBES
[54] REVETEMENTS INTERIEURS ET
CHAMBRE A AIR COMPOSITES POUR
PNEUS
[72] KRESGE, EDWARD NATHAN, US
[72] LOHSE, DAVID JOHN, US
[73] EXXONMOBIL CHEMICAL
PATENTS INC., US
[85] 1995-10-04
[86] 1994-04-05 (PCT/US1994/003711)
[87] (WO1994/022680)
[30] US (042,972) 1993-04-05

[11] **2,160,895**
[13] C

[51] Int.Cl. 6H04N 7/15
[25] EN
[54] MULTIMEDIA
COMMUNICATIONS NETWORK
[54] RESEAU DE COMMUNICATION
MULTIMEDIA
[72] AHUJA, SUDHIR RAMAN, US
[72] ARAVAMUDAN, MURALI, US
[72] ENSOR, JAMES ROBERT, US
[73] AT&T CORP., US
[85] 1995-10-18
[86] 1994-04-15 (PCT/US1994/004209)
[87] (WO1994/024807)
[30] US (052,492) 1993-04-22

[11] **2,169,261**
[13] C

[51] Int.Cl. 6H01M 2/10 6H04B 1/08
[25] EN
[54] ELECTRONIC DEVICE HAVING A
REMOVABLE BATTERY PACK
ASSEMBLY
[54] DISPOSITIF ELECTRONIQUE A
BLOC-BATTERIE AMOVIBLE
[72] MILLER, KENNETH, JR., US
[72] DUFFY, WILLIAM J., JR., US
[73] INVISIBLE FENCE, INC., US
[85] 1996-02-09
[86] 1994-08-17 (PCT/US1994/009368)
[87] (WO1995/005683)
[30] US (107,868) 1993-08-18
[30] US (182,604) 1994-01-14

[11] **2,172,052**
[13] C

[51] Int.Cl. 6C08J 9/12
[25] EN
[54] LOW MOLECULAR WEIGHT
ALKENYL AROMATIC POLYMER
FOAM
[54] MOUSSE DE POLYMER
AROMATIQUE ALCENYLE DE FAIBLE
MASSE MOLECULAIRE
[72] PAQUET, ANDREW N., US
[72] GRIFFIN, WARREN H., US
[73] DOW GLOBAL TECHNOLOGIES
INC., US
[85] 1996-03-18
[86] 1994-09-16 (PCT/US1994/010491)
[87] (WO1995/010560)
[30] US (08/137,234) 1993-10-14

[11] **2,179,526**
[13] C

[51] Int.Cl. 6F02M 27/06 6F02M 27/04
[25] EN
[54] APPARATUS FOR DECREASING
THE HARMFUL EXHAUST GAS FROM
AN INTERNAL COMBUSTION ENGINE
OR A BOILER
[54] APPAREIL POUR DIMINUER LES
GAZ D'ECHAPPEMENT NOCIFS D'UN
MOTEUR A COMBUSTION INTERNE
OU D'UNE CHAUDIERE
[72] MAKITA, HIDEAKI, JP
[73] MAKITA, HIDEAKI, JP
[85] 1996-06-19
[86] 1996-02-16 (PCT/JP1996/000492)
[87] (WO1996/041100)
[30] JP (7-140898) 1995-06-07
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[30] JP (U.M. 7-12914) 1995-12-06
[30] JP (U.M. 7-10804) 1995-10-12

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[11] **2,183,735**

[13] C

[51] Int.Cl. 6C07D 471/06 6C07D 487/06
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31/535
[25] EN
[54] HETERO-ANNULATED
INDAZOLES
[54] INDAZOLES HETEROCYCLIQUES
[72] KRAPCHO, A. PAUL, US
[72] SPINELLI, SILVANO, IT
[72] OLIVA, AMBROGIO, IT
[72] MENTA, ERNESTO, IT
[73] UNIVERSITY OF VERMONT, US
[73] NOVUSPHARMA S.P.A., IT
[85] 1996-08-20
[86] 1995-03-08 (PCT/US1995/002862)
[87] (WO1995/024407)
[30] US (08/207,130) 1994-03-08

[11] **2,184,185**

[13] C

[51] Int.Cl. 6C08J 7/00 6C08J 7/02 6G11B
5/627
[25] EN
[54] A POLYESTER FILM FOR
LEADER TAPES, AND A PRODUCTION
PROCESS THEREOF
[54] PELLICULE DE POLYESTER
POUR BANDES-AMORCES ET
PROCEDE DE PRODUCTION
[72] KOIDE, KAZUYOSHI, JP
[72] SATO, KEN-ITI, JP
[72] OKABE, KAZUO, JP
[73] TOYO METALLIZING CO., LTD., JP
[85] 1996-08-26
[86] 1995-12-26 (PCT/JP1995/002699)
[87] (WO1996/020243)
[30] JP (Hei-6-340885) 1994-12-27

[11] **2,185,282**

[13] C

[51] Int.Cl. 6A47J 37/00 6A47J 27/14
[25] EN
[54] DUTCH OVEN TYPE COOKING
VESSEL WITH COMBINATION
COOKING SURFACE
[54] FAITOUT A SURFACES DE
CUISSON COMBINEES
[72] STUDER, LOYE E., US
[73] STUDER, LOYE E., US
[22] 1996-09-11

[11] * **2,192,714**

[13] C

[51] Int.Cl. 6F01C 1/22 6F02B 55/14
[25] EN
[54] QUASITURBINE (QURBINE) ZERO
VIBRATION - CONTINUOUS
COMBUSTION ROTARY ENGINE,
COMPRESSOR AND PUMP
[54] QUASITURBINE (QURBINE)
VIBRATION ZERO - MOTEUR
ROTATIF A COMBUSTION CONTINUE,
COMPRESSEUR ET POMPE
[72] SAINT-HILAIRE, ROXAN, CA
[72] SAINT-HILAIRE, YLIAN, CA
[72] SAINT-HILAIRE, GILLES, CA
[72] SAINT-HILAIRE, FRANCOISE, CA
[73] SAINT-HILAIRE, ROXAN, CA
[73] SAINT-HILAIRE, YLIAN, CA
[73] SAINT-HILAIRE, GILLES, CA
[73] SAINT-HILAIRE, FRANCOISE, CA
[22] 1996-12-12

[11] **2,199,953**

[13] C

[51] Int.Cl. 6A42B 3/00 6A42B 3/32
[25] EN
[54] FOLDABLE PADDED HELMET
[54] CASQUE REMBOURRE PLIANT
[72] SHIFRIN, ROY, US
[73] SPORTSCOPE RECREATIONAL
PRODUCTS, INC., US
[85] 1997-03-13
[86] 1995-09-12 (PCT/US1995/011050)
[87] (WO1996/008176)
[30] US (08/305,891) 1994-09-14

[11] **2,200,160**

[13] C

[51] Int.Cl. 6C04B 35/50 6H01M 4/86
[25] EN
[54] LANTHANIDE CERAMIC
MATERIAL
[54] MATIERE CERAMIQUE A BASE
DE LANTHANIDES
[72] CHRISTIANSEN, NIELS, DK
[72] LARSEN, JORGEN GUTZON, DK
[73] HALDOR TOPSOE A/S, DK
[22] 1997-03-17
[30] US (60/013,793) 1996-03-21

[11] **2,207,827**

[13] C

[51] Int.Cl. 6C23C 8/80
[25] FR
[54] PROCEDE DE REALISATION D'UN
APPORT SUR UNE PIECE EN
SUPERALLIAGE A BASE DE NICKEL
OU DE COBALT
[54] PROCESS FOR MAKING AN
ADDITION TO A NICKEL- OR
COBALT-BASED SUPERALLOY PIECE
[72] HUCHIN, JEAN-PIERRE, FR
[72] PERRAUD, DIDIER, FR
[72] TEDENAC, JEAN-CLAUDE, FR
[72] MARIN-AYRAL, ROSE MARIE, FR
[72] DUMEZ, MARIE-CAROLINE, FR
[73] SOCIETE SOCHATA, FR
[22] 1997-08-04
[30] FR (96.10351) 1996-08-22

[11] **2,209,432**

[13] C

[51] Int.Cl. 6A61K 7/48 6A61K 7/06
[25] FR
[54] UTILISATION DE DERIVES
AMINO-ALCOOLS A FONCTION UREE
DANS ET POUR LA PREPARATION DE
COMPOSITIONS COSMETIQUES OU
DERMATOLOGIQUES
[54] USE OF UREA CONTAINING
AMINO-ALCOHOL DERIVATIVES IN
AND FOR THE PREPARATION OF
COSMETIC AND DERMATOLOGICAL
COMPOSITIONS
[72] TULOUP, REMY, FR
[72] PHILIPPE, MICHEL, FR
[72] BLAISE, CHRISTIAN, FR
[73] L'OREAL, FR
[22] 1997-06-30
[30] FR (96 08 173) 1996-07-01

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[11] **2,210,057**
 [13] C

[51] Int.Cl. 6C08L 23/04 6C08L 31/02
 6C08L 23/16 6H01B 3/44
 [25] EN
 [54] FIRE RESISTANT LOW SMOKE EMISSION HALOGEN FREE POLYOLEFIN FORMULATION FOR THE INSULATING PROTECTION OF AUTOMOTIVE CABLE
 [54] FORMULATION DE POLYOLEFINE SANS HALOGENE A FAIBLE EMISSION DE FUMEE ET RESISTANTE AU FEU POUR LA PROTECTION DES CABLES D'AUTOMOBILE PAR ISOLEMENT
 [72] LABASTIDA SANCHEZ, FERNANDO, MX
 [72] PEREZ SANCHEZ, ALFONSO, MX
 [73] SERVICIOS CONDUMEX S.A. DE C.V., MX
 [22] 1997-07-15
 [30] MX (971573) 1997-02-28

[11] **2,214,877**
 [13] C

[51] Int.Cl. 6E21B 17/01 6E21B 19/22
 [25] EN
 [54] DUAL BORE RISER
 [54] SYSTEME DE FORAGE A DEUX COLONNES
 [72] MORGAN, MICHAEL GRAHAM, GB
 [72] EDWARDS, JEFFREY CHARLES, GB
 [73] EXPRO NORTH SEA LIMITED, GB
 [85] 1997-09-09
 [86] 1996-02-27 (PCT/GB1996/000435)
 [87] (WO1996/028634)
 [30] GB (9505129.8) 1995-03-14

[11] **2,218,149**
 [13] C

[51] Int.Cl. 6A63B 37/12 6A63B 45/00
 [25] EN
 [54] NYLON COMPOSITIONS FOR GOLF BALL CONSTRUCTIONS AND METHOD OF MAKING SAME
 [54] COMPOSITIONS DE NYLON POUR BALLES DE GOLF ET METHODE DE FABRICATION
 [72] SULLIVAN, MICHAEL J., US
 [72] BELLINGER, MICHELLE A., US
 [73] THE TOP-FLITE GOLF COMPANY, US
 [22] 1997-10-10
 [30] US (763,070) 1996-12-10

[11] **2,218,336**
 [13] C

[51] Int.Cl. 6A23B 4/16 6B65B 31/00
 [25] EN
 [54] A METHOD FOR THE LONG-TERM PRESERVATION OF MEAT AND THE MEAT PROCESSED THEREBY
 [54] PROCEDE DE LONGUE CONSERVATION DE VIANDE ET VIANDE TRAITEE DE LA SORTE
 [72] SHAKLAI, NURITH, IL
 [73] RAMOT AT TEL AVIV UNIVERSITY LTD., IL
 [85] 1997-10-16
 [86] 1996-04-18 (PCT/US1996/005373)
 [87] (WO1996/033096)
 [30] US (08/424,906) 1995-04-19

[11] **2,225,413**
 [13] C

[51] Int.Cl. 6B27B 25/02
 [25] EN
 [54] FEEDING ROLLER FOR A LOG FEEDING DEVICE OF A DEBARKING MACHINE
 [54] CYLINDRE D'ALIMENTATION POUR UN SYSTEME D'ALIMENTATION EN TRONCS D'UNE MACHINE A ECORCER
 [72] LINDHOLM, HOLGER, FI
 [73] VALON KONE OY, FI
 [85] 1997-12-22
 [86] 1996-07-25 (PCT/FI1996/000422)
 [87] (WO1997/004930)
 [30] FI (953631) 1995-07-28

[11] **2,219,863**
 [13] C

[51] Int.Cl. 6A61K 7/42 6A61K 7/06
 [25] FR
 [54] COMPOSITIONS COSMETIQUES FILTRANTES CONTENANT UN DIBENZOYL METHANE, UN .BETA.-DIPHENYLACRYLATE D'ALKYLE ET UNE SILICONE BENZOTRIAZOLE ET UTILISATIONS
 [54] COSMETIC FILTER COMPOSITIONS CONTAINING DIBENZOYL METHANE, ALKYL .BETA.-DIPHENYLACRYLATE AND BENZOTRIAZOLE SILICONE
 [72] ASCIONE, JEAN-MARC, US
 [73] L'OREAL, FR
 [85] 1997-11-21
 [86] 1997-04-03 (PCT/FR1997/000606)
 [87] (WO1997/037634)
 [30] FR (96/04360) 1996-04-05

[11] **2,228,662**
 [13] C

[51] Int.Cl. 6H01H 15/00 6H02M 1/00 6H02K 7/075 6H02M 1/20 6H02M 5/34
 [25] FR
 [54] COMMUTATEUR POUR SECTIONNEUR A CINQ POLES A USAGE D'INVERSEUR DE PHASES
 [54] SWITCH FOR FIVE-POLE INTERRUPTOR FOR USE AS PHASE INVERTER
 [72] WILLIEME, JEAN-MARC, FR
 [72] BIQUEZ, FRANCOIS, FR
 [73] GEC ALSTHOM T & D SA, FR
 [22] 1998-02-26
 [30] FR (97 02 349) 1997-02-27

[11] **2,229,551**
 [13] C

[51] Int.Cl. 6G01C 19/72
 [25] EN
 [54] COHERENT PICKUP ERROR CANCELLATION DEVICE
 [54] DISPOSITIF DE SUPPRESSION D'ERREUR DE CAPTAGE COHERENT
 [72] STRANDJORD, LEE K., US
 [73] HONEYWELL INC., US
 [85] 1998-02-13
 [86] 1996-12-16 (PCT/US1996/020474)
 [87] (WO1997/024580)
 [30] US (08/586,017) 1995-12-29

[11] **2,220,704**
 [13] C

[51] Int.Cl. 6C09D 5/18 6C09K 21/00
 [25] EN
 [54] THERMAL PROTECTIVE COMPOSITIONS
 [54] COMPOSITIONS DE PROTECTION THERMIQUE
 [72] DEOGON, MALKIT S., US
 [73] NU-CHEM, INC., US
 [85] 1997-12-01
 [86] 1996-06-25 (PCT/US1996/010552)
 [87] (WO1997/001596)
 [30] US (08/494,993) 1995-06-27

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[13] C

[51] Int.Cl. 6C08J 3/075 6A61K 9/06
6A61K 47/34
[25] EN
[54] COMPOSITION OF EXTERNAL PREPARATION AND PROCESS FOR PREPARING THE SAME
[54] COMPOSITION D'UNE PREPARATION A USAGE EXTERNE ET PROCEDE D'OBTENTION DE CETTE COMPOSITION
[72] KUSUNOKI, AKIHIKO, JP
[72] SUGIZAKI, YOSHIKI, JP
[72] KAWAMURA, NAOHISA, JP
[72] KUWAHARA, AKIO, JP
[73] SAITAMA DAIICHI PHARMACEUTICAL CO., LTD., JP
[22] 1998-02-26
[30] JP (88735/97) 1997-03-24

[11] 2,232,732
[13] C

[51] Int.Cl. 6B60R 1/06 6G01B 7/30
[25] EN
[54] MIRROR POSITION DETECTION DEVICE
[54] DISPOSITIF DE DETECTION DE LA POSITION D'UN MIROIR
[72] IWANABE, NAOTO, JP
[72] HATTORI, NORIKAZU, JP
[72] MOCHIZUKI, TOSHIHIRO, JP
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LENGTH, AND A DEVICE FOR

EXECUTING THIS PROCESS

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METHOD AND A DEVICE FOR
DECODING A BIT STREAM
[54] PROCEDE ET DISPOSITIF DE
CODAGE DE SIGNAUX AUDIO AINSI
QUE PROCEDE ET DISPOSITIF DE
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[54] BATON DE JOUEUR
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[41] 2004-05-25

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[13] A1

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[54] POSTE DE DEBOUCHAGE
[72] LEE, NORMAN, CA
[71] LEE, NORMAN, CA
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[41] 2004-05-25

[21] **2,412,031**
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[54] DISPOSITIF « PULLPAL »
[72] SKOV, ROSS A., CA
[71] SKOV, ROSS A., CA
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[21] **2,412,398**
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[25] EN
[54] FLEXIBLE CABLE SLEEVE
[54] MANCHON DE CABLE SOUPLE
[72] WAWROW, LESZEK, CA
[72] BRYL, BOHDAN, CA
[71] WAWROW, LESZEK, CA
[71] BRYL, BOHDAN, CA
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[41] 2004-05-25

[21] **2,412,480**
[13] A1

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[25] EN
[54] WATER COOLER CLEANER
[54] NETTOYEUR DE RAFRAICHSSEUR D'EAU
[72] LETOURNEAU, LANA, CA
[71] LETOURNEAU, LANA, CA
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[51] Int.Cl. 7C02F 1/46 7C02F 1/463 7C02F 1/465
[25] FR
[54] APPAREIL PERMETTANT LE TRAITEMENT DES EAUX USEES
[54] WASTEWATER TREATMENT DEVICE
[72] BERRAK, ABDERRAZAK, CA
[72] DERMOUNE, ABDERRAHMANE, CA
[71] LES TECHNOLOGIES ELCOTECH INC., CA
[22] 2002-11-29
[41] 2004-05-29

[21] 2,412,660
[13] A1
[51] Int.Cl. 7E03C 1/04
[25] EN
[54] SPROUT ASSEMBLY
[54] BEC
[72] OUYOUNG, SCOTT, XX
[71] GLOBE UNION INDUSTRIAL CORP., XX
[22] 2002-11-25
[41] 2004-05-25

[21] 2,412,682
[13] A1
[51] Int.Cl. 7F01B 23/10
[25] EN
[54] APPARATUS AND METHOD FOR CONVERTING THERMAL TO ELECTRICAL ENERGY
[54] CONVERTISSEUR D'ENERGIE THERMIQUE EN ENERGIE ELECTRIQUE ET METHODE DE CONVERSION
[72] BONAR, HENRY B., II, US
[71] BONAR, HENRY B., II, US
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[41] 2004-05-25

[21] 2,412,687
[13] A1
[51] Int.Cl. 7G10D 3/00 7G10D 1/08
[25] EN
[54] NECK CONNECTION FOR STRINGED MUSICAL INSTRUMENT
[54] RACCORD A ENCOLURE POUR INSTRUMENT A CORDES
[72] MCPHERSON, MATHEW A., US
[71] MCPHERSON, MATHEW A., US
[22] 2002-11-26
[41] 2004-05-26

[21] 2,412,691
[13] A1
[51] Int.Cl. 7B08B 9/04 7E03F 9/00 7B08B 3/02
[25] EN
[54] SCARIFYING APPARATUS FOR INTERIOR SURFACE OF PIPELINE
[54] SCARIFICATEUR POUR PAROI INTERIEURE DE CANALISATION
[72] MACNEIL, GORDON W., CA
[72] MACNEIL, DAVID B., CA
[72] MACNEIL, GERARD J., CA
[72] BOSE, VERNON G., CA
[71] MAC & MAC HYDRODEMOLITION INC., CA
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[13] A1
[51] Int.Cl. 7B08B 9/04 7E03F 9/00 7B08B 3/02
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[54] SCARIFICATEUR DE CANALISATION
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[72] MACNEIL, GORDON W., CA
[72] BOSE, VERNON G., CA
[72] MACNEIL, GERARD J., CA
[71] MAC & MAC HYDRODEMOLITION INC., CA
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[41] 2004-05-25

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[13] A1
[51] Int.Cl. 7F17C 13/00
[25] EN
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[54] SYSTEME DE LIVRAISON DE GAZ ET ETRIER PNEUMATIQUE POUR RESERVOIR DE GAZ SOUS PRESSION
[72] WALSH, PATRICK A., CA
[72] DOUGLAS, ANDREW S., CA
[71] WALSH, PATRICK A., CA
[71] DOUGLAS, ANDREW S., CA
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[13] A1
[51] Int.Cl. 7G06F 17/60
[25] EN
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[41] 2004-05-26

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[51] Int.Cl. 7A63C 1/32 7B24B 9/04 7A63C 3/10
[25] EN
[54] SKATING BLADE WITH IMPROVED ROCKER
[54] LAME DE PATINAGE A PROFIL AMELIORE
[72] LAMBERT, ANTOINE, CA
[71] LES ENTREPRISES AIGUISO-PRO INC., CA
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[41] 2004-05-25

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[13] A1
[51] Int.Cl. 7B65D 63/00 7F16L 3/137
[25] EN
[54] RELEASEABLE TIE
[54] ATTACHE DETACHABLE
[72] SIVACOE, ORLANDE, CA
[71] SIVACOE, ORLANDE, CA
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[41] 2004-05-26

[21] 2,412,747
[13] A1
[51] Int.Cl. 7G06F 17/60
[25] EN
[54] SYSTEM AND METHOD FOR MONITORING BUSINESS PERFORMANCE
[54] SYSTEME ET METHODE DE SURVEILLANCE DU RENDEMENT D'UNE ENTREPRISE
[72] PALMER, SIMON, GB
[72] ADENDORFF, MICHAEL, CA
[72] FAZAL, TOM, CA
[71] COGNOS INCORPORATED, CA
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[25] EN
[54] ROTATABLE FINGER ASSEMBLY
[54] ENSEMBLE DE DOIGTS
ROTATIFS
[72] KESSLER, MARTY, CA
[71] SERTAPAK INC., CA
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[41] 2004-05-26

[21] 2,412,792

[13] A1

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[25] EN
[54] THERMAL ROCK
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NARROW VEIN EXTRACTION
[54] APPLICATION DE LA
FRAGMENTATION THERMIQUE DES
ROCHES A L'EXTRACTION EN VEINE
ETROITE
[72] BRISEBOIS, DONALD, CA
[71] ROCMEC INTERNATIONAL INC.,
CA
[22] 2002-11-26
[41] 2004-05-26

[21] 2,412,815

[13] A1

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[25] FR
[54] PLATE-FORME ROBOTIQUE
MOBILE ET MODULAIRE OFFRANT
PLUSIEURS MODES DE
LOCOMOTION POUR EFFECTUER
DES MOUVEMENTS EVOLUES EN
TROIS DIMENSIONS
[54] MOBILE AND MODULAR ROBOT
PLATFORM WITH SEVERAL MEANS
OF LOCOMOTION FOR MAKING
ADVANCED MOVEMENTS IN THREE
DIMENSIONS
[72] LETOURNEAU, DOMINIC, CA
[72] ARSENAULT, MARTIN, CA
[72] LEPAGE, PIERRE, CA
[72] BISSON, JONATHAN, CA
[72] CARON, SERGE, CA
[72] TREMBLAY, MARIE-CHRISTINE,
CA
[72] PARE, JEAN-FRANCOIS, CA
[72] BERGERON, YANN, CA
[72] RISSMANN, HUGUES, CA
[72] MORIN, YAN, CA
[72] CADRIN, RICHARD, CA
[72] DESCHAMBAULT, MARTIN, CA
[72] MILLETTE, MATHIEU, CA
[72] MICHAUD, FRANCOIS, CA
[72] GAGNON, FREDERIC, CA
[72] LEGAULT, MARC-ANTOINE, CA
[71] UNIVERSITE DE SHERBROOKE, CA
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[41] 2004-05-27

[21] 2,413,025

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[25] EN
[54] EQUIPMENT LOCK DOWN
ASSEMBLY
[54] ENSEMBLE DE FIXATION
D'EQUIPEMENT
[72] MASSE, YVES, CA
[71] SYSTEME DE SECURITE ABM INC./
ABM SECURITY SYSTEM INC., CA
[22] 2002-11-27
[41] 2004-05-27

[21] 2,413,041

[13] A1

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[25] FR
[54] UN APPAREIL PERMETTANT
D'EFFECTUER DES VENTILATIONS
LIQUIDES TOTALES
[54] APPARATUS FOR CONDUCTING
TOTAL LIQUID VENTILATION
[72] PRAUD, JEAN-PAUL, CA
[72] WALTI, HERVE, CA
[72] CYR, STEPHANE, CA
[72] ROBERT, RAYMOND, CA
[72] MICHEAU, PHILIPPE, CA
[71] UNIVERSITE DE SHERBROOKE, CA
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[41] 2004-05-29

[21] 2,413,052

[13] A1

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[25] EN
[54] CORROSION-INHIBITED SYSTEM
AND METHOD FOR PROVIDING A
UTILITY SERVICE TO A PLURALITY
OF CONSUMERS
[54] SYSTEME ET METHODE
ANTICORROSION DE FOURNITURE
D'UN SERVICE PUBLIC A UN GRAND
NOMBRE DE CONSOMMATEURS
[72] YULE, JIM, CA
[71] YULE, JIM, CA
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[21] 2,412,856

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[25] EN
[54] PHARMACEUTICAL
COMPOSITION FOR THE
TREATMENT OF PULMONARY
ARTERIAL HYPERTENSION
[54] COMPOSITION
PHARMACEUTIQUE POUR LE
TRAITEMENT DE L'HYPERTENSION
ARTERIELLE PULMONAIRE
[72] BODIN, FREDERIC, US
[71] ACTELION PHARMACEUTICALS
LTD., CH
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[41] 2004-05-27

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 [25] EN
 [54] THIN WALLED POLYETHYLENE CONTAINER
 [54] CONTENEUR EN POLYETHYLENE A PAROIS MINCES
 [72] HOCKING, PHILIPPA, CA
 [72] AUGER, JAMES ARTHUR, CA
 [72] DUFF, ALLAN WILFRED, CA
 [72] WEBER, MARK, CA
 [71] NOVA CHEMICALS CORPORATION, CA
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 [41] 2004-05-28

[21] **2,413,098**
 [13] A1

[51] Int.Cl. 7G01B 11/16 7G01D 3/028
 [25] EN
 [54] TEMPERATURE INSENSITIVE FIBER-OPTIC TORQUE AND STRAIN SENSOR
 [54] DETECTEUR INSENSIBLE A LA TEMPERATURE PERMETTANT DE MESURER LE COUPLE ET LA CONTRAINTE DES FIBRES OPTIQUES
 [72] DE LA PUENTE, GONZALO, CA
 [72] JESSOP, PAUL E., CA
 [71] MCMMASTER UNIVERSITY, CA
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 [41] 2004-05-27

[21] **2,413,104**
 [13] A1

[51] Int.Cl. 7B65H 19/26 7D21G 9/00
 [25] EN
 [54] METHOD OF, AND APPARATUS FOR, TRANSFERRING A PAPER WEB
 [54] METHODE ET APPAREIL DE TRANSFERT DE BOBINES DE PAPIER
 [72] BROOM, ALLAN, CA
 [71] VOITH PAPER PATENT GMBH, DE
 [22] 2002-11-28
 [41] 2004-05-28

[21] **2,413,112**
 [13] A1

[51] Int.Cl. 7F16J 15/06
 [25] EN
 [54] SEAL CONFIGURATION TO REDUCE SEAL EXTRUSION
 [54] CONFIGURATION DE JOINT D'ETANCHEITE POUR REDUIRE SON EXTRUSION
 [72] FOOTE, DEAN, CA
 [72] DELBRIDGE, CLAYTON, CA
 [72] DELBRIDGE, SCOTT, CA
 [71] FOOTE, DEAN, CA
 [71] DELBRIDGE, CLAYTON, CA
 [71] DELBRIDGE, SCOTT, CA
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[21] **2,413,196**
 [13] A1

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 [25] EN
 [54] IMPROVED SUPPORTING RACK STRUCTURE
 [54] STRUCTURE DE SUPPORT AMELIOREE
 [72] YU, JAMES C. W., CA
 [71] YU, JAMES C. W., CA
 [22] 2002-11-29
 [41] 2004-05-29

[21] **2,413,212**
 [13] A1

[51] Int.Cl. 7B65F 1/16
 [25] EN
 [54] FLEXIBLE COVER DEVICE FOR A RECYCLE CONTAINER
 [54] CAPOT SOUPLE POUR CONTENEUR DE RECYCLAGE
 [72] DI FILIPPO, MICHAEL A., CA
 [72] DI FILIPPO, THERESA M., CA
 [71] DI FILIPPO, MICHAEL A., CA
 [71] DI FILIPPO, THERESA M., CA
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 [41] 2004-05-29

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 [13] A1

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 [25] EN
 [54] METHOD OF ACOUSTIC ECHO CANCELLATION IN FULL-DUPLEX HANDS FREE AUDIO CONFERENCING WITH SPATIAL DIRECTIVITY
 [54] METHODE DE SUPPRESSION D'ECHO ACoustIQUE EN AUDIOCONFERENCE DUPLEX MAINS LIBRES AVEC DIRECTIVITE SPATIALE
 [72] TETELBAUM, MICHAEL, CA
 [72] BEAUCOUP, FRANCK, CA
 [71] MITEL KNOWLEDGE CORPORATION, CA
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[54] MONITEUR DE PERFORMANCE OPTIQUE INSTANTANEE
[72] SLIMA, MOHAMED B., CA
[72] MIEKINA, ANDRZEJ, CA
[72] WISNIEWSKI, MICHAEL P., CA
[72] BARWICZ, ANDRZEJ, CA
[72] MORAWSKI, ROMAN Z., CA
[71] MEASUREMENT MICROSYSTEMS A-Z INC., CA
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[41] 2004-05-29

[21] **2,413,240**
[13] A1

[51] Int.Cl. 7C07C 29/76 7C07C 35/16
[25] EN
[54] PURIFICATION OF INOSITOL FROM PLANT MATERIALS
[54] PURIFICATION DE L'INOSITOL EXTRAIT DE MATIERES VEGETALES
[72] NEWKIRK, REX W., CA
[72] CLASSEN, HENRY L., CA
[72] MAENZ, DAVID D., CA
[71] MCN BIOPRODUCTS INC., CA
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[13] A1

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7C12N 15/29 7C12N 15/66
[25] EN
[54] GENETICALLY MODIFIED PLANTS WITH HETEROGENEOUS PROTEINASE INHIBITOR SAPIN2A AND METHODS OF USE THEREOF FOR THE INHIBITION OF ENDOGENOUS TRYPSIN-AND CHYMOTRYPSIN-LIKE ACTIVITIES
[54] PLANTES MODIFIEES GENETIQUEMENT AVEC L'INHIBITEUR DE LA PROTEINASE HETEROGENE SAPIN2A ET METHODES POUR L'UTILISER AFIN D'INHIBER LES ACTIVITES DE TYPE TRYPSINE ET CHYMOTRYPSINE ENDOGENES
[72] XU, ZENG-FU, CN
[72] CHYE, MEE-LEN, CN
[71] XU, ZENG-FU, CN
[71] CHYE, MEE-LEN, CN
[22] 2002-11-29
[41] 2004-05-29

[21] **2,413,333**
[13] A1

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[25] EN
[54] METHOD AND APPARATUS FOR ADJUSTING THE COLOR SATURATION IN A TRANSREFLECTIVE DISPLAY
[54] METHODE ET APPAREIL POUR REGLER LA SATURATION DE COULEUR DANS UN AFFICHAGE TRANSREFLECTIF
[72] DRADER, MARC A., CA
[71] RESEARCH IN MOTION LIMITED, CA
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[41] 2004-05-29

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[13] A1

[51] Int.Cl. 7H04L 12/16 7G07F 19/00
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[25] EN
[54] SYSTEM AND METHOD FOR CONDUCTING AN ELECTRONIC COMMERCIAL TRANSACTION
[54] SYSTEME ET METHODE POUR EFFECTUER UNE TRANSACTION COMMERCIALE ELECTRONIQUE
[72] ALFANO, NICHOLAS P., CA
[71] RESEARCH IN MOTION LIMITED, CA
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[41] 2004-05-29

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[13] A1

[51] Int.Cl. 7F24J 2/00
[25] EN
[54] POOL HEATING SYSTEM
[54] SYSTEME DE CHAUFFAGE D'EAU POUR PISCINE
[72] BOOTH, DAVID ALLEN, CA
[71] AIR WAVES POOL HEATING SYSTEMS INC., CA
[71] BOOTH, DAVID ALLEN, CA
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[13] A1

[51] Int.Cl. 7F41G 1/387 7F41C 27/00
[25] EN
[54] ACCESSORY RAIL MOUNT ADAPTER FOR RIFLES AND CARBINES
[54] RAIL DE MONTAGE D'ACCESSOIRES POUR FUSILS ET CARABINES
[72] COMPTON, DAVID W., CA
[71] DIEMACO, A DIVISION OF DEVTEK CORPORATION, CA
[22] 2002-11-29
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[21] **2,413,360**
[13] A1

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[25] EN
[54] COMBINATION OF TUBE ASSEMBLY AND CLIP FOR WIRELESS ANTENNA GROUNDING
[54] COMBINAISON D'UN TUBE ET D'UNE PINCE POUR LA MISE A LA MASSE D'UNE ANTENNE SANS FIL
[72] KYOWSKI, TIMOTHY H., CA
[72] CHEN, CHAO, CA
[71] RESEARCH IN MOTION LIMITED, CA
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[21] **2,413,459**
[13] A1

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[25] EN
[54] LOW PROFILE ANTENNA INSERT NUT
[54] ECROU D'ANTENNE AU PROFIL BAS
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[71] RESEARCH IN MOTION LIMITED, CA
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[13] A1

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[25] EN
[54] SPACER FOR ELECTRICALLY DRIVEN MEMBRANE PROCESS APPARATUS
[54] PIECE D'ECARTEMENT DE MEMBRANES A COMMANDE ELECTRIQUE D'UN APPAREIL DE TRAITEMENT
[72] TESSIER, DAVID FLORIAN, CA
[72] LI, GUANGHUI, CA
[72] BARBER, JOHN H., CA
[72] YACOUB, FOUAD, CA
[72] TOWE, IAN GLENN, CA
[71] E-CELL CORPORATION, CA
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[41] 2004-05-29

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[13] A1

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[25] EN
[54] APPARATUS FOR CONNECTING AN ACCESSORY TO AN EXCAVATOR
[54] APPAREIL PERMETTANT DE RACCORDER UN ACCESSOIRE A UNE EXCAVATRICE
[72] HOLMES, DAVID C., US
[72] HOLMES, FREDERICK J., US
[71] HOLMES, DAVID C., US
[71] HOLMES, FREDERICK J., US
[22] 2002-11-27
[41] 2004-05-27

[21] **2,413,587**
[13] A1

[51] Int.Cl. 7B67B 7/40
[25] EN
[54] RING OPENER
[54] ANNEAU OUVRE-BOITE
[72] MENDEZ, IVAN ROMERO, CA
[72] BRAILSFORD, STEPHEN NICHOLAS, CA
[71] MENDEZ, IVAN ROMERO, CA
[71] BRAILSFORD, STEPHEN NICHOLAS, CA
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[41] 2004-05-27

[21] **2,413,588**
[13] A1

[51] Int.Cl. 7A01K 15/00 7A01K 27/00
[25] EN
[54] MULTI-RING ANIMAL TRAINING COLLAR
[54] COLLIER DE DRESSAGE D'ANIMAUX MULTI-ANNEAUX
[72] JACOBS, ROBERT DAVID, US
[71] JACOBS, ROBERT DAVID, US
[22] 2002-11-27
[41] 2004-05-27

[21] **2,413,590**
[13] A1

[51] Int.Cl. 7B66F 3/22
[25] EN
[54] PANTOGRAPHIC DEVICE FOR CONVEYING LOADS IN VEHICLE ASSEMBLY LINES
[54] DISPOSITIF PANTOGRAPHIQUE POUR LE TRANSPORT DE CHARGES SUR LES CHAINES DE MONTAGE DE VEHICULES
[72] LOPEZ ALBA, ADELARDO, ES
[71] TRANSPORTES CONTINUOS INTERIORES, S.A., ES
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[41] 2004-05-27

[21] **2,414,195**
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[25] EN
[54] INTERLOCK MECHANISM FOR LATERAL FILE CABINETS
[54] MECANISME DE VERROUILLAGE POUR CLASSEURS A TIROIRS LATERAUX
[72] HOFFMAN, KEITH A., US
[71] KNAPE & VOGT MANUFACTURING CO., US
[22] 2002-12-13
[41] 2004-05-27
[30] US (60/429,772) 2002-11-27

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[13] A1

[51] Int.Cl. 7A47B 47/00
[25] EN
[54] PRODUCT DISPLAY SHELVING ASSEMBLY
[54] RAYONNAGE-PRESENTOIR DE PRODUITS
[72] BUSTOS, RAFAEL T., US
[71] L & P PROPERTY MANAGEMENT COMPANY, US
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[13] A1

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[54] WELLHEAD HYDRAULIC DRIVE UNIT
[54] MECANISME D'ENTRAINEMENT HYDRAULIQUE DE TETE DE PUITS
[72] ANAKA, JIM, CA
[72] LACUSTA, GREGG, CA
[72] MATTHEWS, ED, CA
[71] INNOVATIVE PRODUCTION TECHNOLOGIES LTD., CA
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[41] 2004-05-26
[30] US (60/432,614) 2002-12-12

[21] **2,415,989**
[13] A1

[51] Int.Cl. 7B60R 9/06 7B62D 47/00
[25] EN
[54] CONTOURED CARGO TRAY
[54] BAC DE RANGEMENT D'ARTICLES DIVERS
[72] SCHOENBERGER, JAMES, US
[71] KOLPIN OUTDOORS, INC., US
[22] 2003-01-09
[41] 2004-05-26
[30] US (10/304,532) 2002-11-26

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[13] A1

[51] Int.Cl. 7C02F 1/46 7C25B 11/04
[25] FR
[54] APPAREIL PERMETTANT LE TRAITEMENT DES EAUX USEES
[54] WASTEWATER TREATMENT DEVICE
[72] BERRAK, ABDERRAZAK, CA
[72] DERMOUNE, ABDERRAHMANE, CA
[71] LES TECHNOLOGIES ELCOTECH INC., CA
[22] 2003-01-17
[41] 2004-05-29
[30] CA (2,412,542) 2002-11-29

[21] **2,419,160**
[13] A1

[51] Int.Cl. 7A47L 9/02
[25] EN
[54] AN INHALER FOR A VACUUM CLEANER
[54] INHALEUR POUR ASPIRATEUR
[72] SONG, YOUNG-SO, KR
[71] CONET INDUSTRIES INC., KR
[22] 2003-02-18
[41] 2004-05-25
[30] KR (2002-0073381) 2002-11-25

[21] **2,421,159**
[13] A1

[51] Int.Cl. 7B23D 23/00 7B26D 3/10
[25] EN
[54] WORKPIECE FIXTURE FOR BLIND CUTTING MACHINE
[54] FIXE-PIECE POUR MACHINE A COUPER LES STORES
[72] LIN, JUNG-KUEI, CN
[71] INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, XX
[71] NIEN MADE ENTERPRISE CO., LTD., XX
[22] 2003-03-05
[41] 2004-05-29
[30] TW (91219280) 2002-11-29

[21] **2,421,479**
[13] A1

[51] Int.Cl. 7E06B 9/32
[25] EN
[54] BLIND LIFTING CONTROL METHOD AND MECHANISM
[54] METHODE ET MECANISME DE COMMANDE DE LEVAGE DE STORE
[72] NIEN, MING, CN
[71] NIEN MADE ENTERPRISE CO. LTD., XX
[22] 2003-03-11
[41] 2004-05-29
[30] TW (91134714) 2002-11-29

[21] **2,421,508**
[13] A1

[51] Int.Cl. 7B23D 23/00
[25] EN
[54] METHOD AND MECHANISM FOR SETTING BLIND CUTTING SIZE FOR BLIND CUTTING MACHINE
[54] METHODE ET MECANISME DE REGLAGE DES DIMENSIONS DE COUPE POUR MACHINE A COUPER LES STORES
[72] LIU, KUEI-LU, XX
[72] LIN, JUNG-KUEI, XX
[71] NIEN MADE ENTERPRISE CO., LTD., XX
[71] INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, XX
[22] 2003-03-11
[41] 2004-05-29
[30] TW (91134712) 2002-11-29

[21] **2,423,207**
[13] A1

[51] Int.Cl. 7A47L 9/16
[25] EN
[54] CYCLONE-TYPE DUST COLLECTING APPARATUS FOR A VACUUM CLEANER
[54] DEPOUSSIREEUR A CYCLONE POUR ASPIRATEUR
[72] OH, JANG-KEUN, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-03-24
[41] 2004-05-29
[30] KR (2002-75175) 2002-11-29

[21] **2,425,534**
[13] A1

[51] Int.Cl. 7A47L 9/12
[25] EN
[54] DUST COLLECTING FILTER FOR VACUUM CLEANER AND VACUUM CLEANER HAVING THE SAME
[54] FILTRE DE DEPOUSSIERAGE POUR ASPIRATEUR, ET ASPIRATEUR MUNI DE CE FILTRE
[72] JIN, HYOUNG-JONG, KR
[72] JOO, SUNG-TAE, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-04-14
[41] 2004-05-25
[30] KR (2002-73390) 2002-11-25

[21] **2,426,660**
[13] A1

[51] Int.Cl. 7B65D 1/00 7B65D 25/04
7B65D 47/42
[25] EN
[54] SEALED CONTAINER
[54] CONTENANT ETANCHE
[72] TSAUR, GARRY, US
[71] TSAUR, GARRY, US
[22] 2003-04-28
[41] 2004-05-25
[30] US (10/303,330) 2002-11-25

[21] **2,430,085**
[13] A1

[51] Int.Cl. 7H02J 7/00 7B60S 5/06
[25] EN
[54] AUTOMATIC DETECTING AND SWITCHING VEHICLE CHARGER
[54] CHARGEUR DE BATTERIE DE VEHICULE A DETECTION ET COMMUTATION AUTOMATIQUES
[72] CHANG, I-CHANG, XX
[71] IWEI TECHNOLOGY CO., LTD., XX
[22] 2003-05-23
[41] 2004-05-26
[30] US (10/303,939) 2002-11-26

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[21] **2,430,344**
[13] A1

[51] Int.Cl. 7G08B 23/00 7G08C 17/02
7H04M 11/04
[25] EN
[54] CELLULAR MESSAGING ALERT METHOD AND SYSTEM
[54] METHODE ET SYSTEME D'ALERTE DE MESSAGE CELLULAIRE
[72] WATTS, WILLIAM W., US
[72] REAM, JEFFERY N., US
[72] STRADLEY, GAIL F., US
[72] DIGIOVANNI, JAMES T., US
[72] VELLA, DONALD J., US
[71] RGA INTL, INC., US
[22] 2003-05-30
[41] 2004-05-27
[30] US (60/429,309) 2002-11-27
[30] US (10/388,654) 2003-03-17

[21] **2,431,602**
[13] A1

[51] Int.Cl. 7B67C 11/00 7G01F 23/00
7G01F 23/66
[25] EN
[54] FUNNEL WITH LIQUID LEVEL INDEX
[54] ENTONNOIR AVEC INDICATEUR DE NIVEAU DE LIQUIDE
[72] JWU, FU-YI, XX
[71] JWU, FU-YI, XX
[22] 2003-06-10
[41] 2004-05-27
[30] TW (091219158) 2002-11-27

[21] **2,431,728**
[13] A1

[51] Int.Cl. 7B60R 11/02 7H05K 11/02
[25] EN
[54] SPEAKER MOUNTED IN RECREATIONAL VEHICLE
[54] HAUT-PARLEUR A MONTER DANS UN VEHICULE DE PLAISANCE
[72] SHEA, BRIAN J., US
[71] SHEA, BRIAN J., US
[22] 2003-06-11
[41] 2004-05-27
[30] US (60/429,664) 2002-11-27
[30] US (10/366,856) 2003-02-14

[21] **2,432,478**
[13] A1

[51] Int.Cl. 7B08B 3/08 7F28G 9/00 7C11D
3/18
[25] EN
[54] HEAT EXCHANGER CLEANING PROCESS
[54] PROCEDE DE NETTOYAGE D'ECHANGEUR DE CHALEUR
[72] JANSEN, BRUCE ROBERT, US
[72] SEARS, SEAN EDWARD, US
[71] REFINED TECHNOLOGIES, INC., US
[22] 2003-06-16
[41] 2004-05-26
[30] US (10/304,370) 2002-11-26

[21] **2,432,743**
[13] A1

[51] Int.Cl. 7C22B 3/04 7C22B 3/10
[25] EN
[54] NON-BIOCHEMICAL METHOD TO HEAP LEACH COPPER CONCENTRATES
[54] METHODE NON BIOCHIMIQUE POUR LA LIXIVIATION EN TAS DE CONCENTRES DE CUIVRE
[72] ALFARO, FREDDY AROCA, CL
[72] JULLIAN, RAUL MONTEALEGRE, CL
[72] GUTIERREZ, ABRAHAM BACKIT, CL
[72] FAINE, JAIME RAULD, CL
[71] MINERA MICHILLA S.A., CL
[22] 2003-06-18
[41] 2004-05-26
[30] CL (2694-2002) 2002-11-26

[21] **2,433,489**
[13] A1

[51] Int.Cl. 7H04L 12/24 7H04L 29/10
7H04L 12/26
[25] EN
[54] NETWORK INTERFACE MANAGEMENT SYSTEM AND METHOD THEREOF
[54] SYSTEME DE GESTION D'INTERFACE RESEAU ET METHODE CONNEXE
[72] MO, KEE JIN, KR
[71] LG CNS CO., LTD., KR
[22] 2003-06-25
[41] 2004-05-28
[30] KR (74933/2002) 2002-11-28

[21] **2,433,961**
[13] A1

[51] Int.Cl. 7A61L 15/28 7A61F 13/02
7A61L 15/22 7A61L 15/32 7A61L 15/42
[25] EN
[54] HEMOSTATIC WOUND DRESSING CONTAINING ALDEHYDE-MODIFIED POLYSACCHARIDE AND HEMOSTATIC AGENTS
[54] PANSEMENT HEMOSTATIQUE CONTENANT UN POLYSACCHARIDE MODIFIE AVEC UN ALDEHYDE ET AGENTS HEMOSTATIQUES
[72] GORMAN, ANNE JESSICA, US
[72] PENDHARKAR, SANYOG MANOHAR, US
[71] ETHICON, INC., US
[22] 2003-06-27
[41] 2004-05-26
[30] US (10/304,472) 2002-11-26

[21] **2,433,980**
[13] A1

[51] Int.Cl. 7A61L 15/28 7A61F 13/02
7A61L 15/42
[25] EN
[54] WOUND DRESSING CONTAINING ALDEHYDE-MODIFIED REGENERATED POLYSACCHARIDE
[54] PANSEMENT CONTENANT UN POLYSACCHARIDE REGENERE MODIFIE AVEC UN ALDEHYDE
[72] PENDHARKER, SANYOG MANOHAR, US
[72] WISSING, WILLIAM K., US
[71] ETHICON, INC., US
[22] 2003-06-27
[41] 2004-05-26
[30] US (10/304,781) 2002-11-26

[21] **2,433,994**
[13] A1

[51] Int.Cl. 7A61L 15/28 7A61F 13/02
7A61L 15/42
[25] EN
[54] HEMOSTATIC WOUND DRESSING CONTAINING ALDEHYDE-MODIFIED POLYSACCHARIDE
[54] PANSEMENT HEMOSTATIQUE CONTENANT UN POLYSACCHARIDE MODIFIE AVEC UN ALDEHYDE
[72] PENDHARKAR, SANYOG MANOHAR, US
[71] ETHICON, INC., US
[22] 2003-06-27
[41] 2004-05-26
[30] US (10/305,040) 2002-11-26

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[21] 2,435,530
 [13] A1

[51] Int.Cl. 7G06F 17/00 7G06F 17/20
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 [25] EN
 [54] METHOD AND APPARATUS FOR
 DISPLAYING DATA IN A WEB PAGE
 [54] METHODE ET APPAREIL POUR
 AFFICHER DES DONNEES SUR UNE
 PAGE WEB
 [72] RANGE, RICHARD, US
 [72] ROBERTSON, CHRISTOPHER W., US
 [71] SONOCO DEVELOPMENT, INC., US
 [22] 2003-07-17
 [41] 2004-05-26
 [30] US (10/305,777) 2002-11-26

[21] 2,437,153
 [13] A1

[51] Int.Cl. 7C08J 3/12 7B29C 67/04
 7C22B 1/16
 [25] EN
 [54] LASER SINTER POWDER WITH
 METAL SOAPS, PROCESS FOR ITS
 PRODUCTION, AND MOLDINGS
 PRODUCED FROM THIS LASER
 SINTER POWDER
 [54] POUDRE DE FRITTAGE LASER
 AVEC SAVONS METALLIQUES,
 PROCEDE DE PRODUCTION, ET
 MOULAGES PRODUITS AVEC CETTE
 POUDRE
 [72] MUEGGE, JOACHIM, DE
 [72] GREEBE, MAIK, DE
 [72] CHRISTOPH, WOLFGANG, DE
 [72] BAUMANN, FRANZ-ERICH, DE
 [72] MONSHEIMER, SYLVIA, DE
 [71] DEGUSSA AG, DE
 [22] 2003-08-08
 [41] 2004-05-28
 [30] DE (102 55 793.4) 2002-11-28
 [30] DE (103 30 591.2) 2003-07-07

[21] 2,437,230
 [13] A1

[51] Int.Cl. 7C08L 67/04 7C08J 5/00
 7C08K 3/04
 [25] EN
 [54] GLASSY CARBON
 THERMOPLASTIC COMPOSITIONS
 [54] COMPOSITIONS
 THERMOPLASTIQUES A BASE DE
 CARBONE VITRIFIÉ
 [72] QUILLEN, DONNA RICE, US
 [72] HOWELL, EARL EDMONDSON JR.,
 US
 [72] STAFFORD, STEVEN LEE, US
 [71] EASTMAN CHEMICAL COMPANY,
 US
 [22] 2003-08-14
 [41] 2004-05-26
 [30] US (10/304,227) 2002-11-26

[21] 2,438,419
 [13] A1

[51] Int.Cl. 7B41J 2/175
 [25] EN
 [54] INK CARTRIDGE AND
 RECORDING APPARATUS
 [54] CARTOUCHE D'ENCRE ET
 APPAREIL D'ENREGISTREMENT
 [72] SHINADA, SATOSHI, JP
 [72] SAKAI, YASUTO, JP
 [72] HASHII, KAZUHIRO, JP
 [72] HARADA, KAZUMASA, JP
 [72] AOKI, KAZUAKI, JP
 [71] SEIKO EPSON CORPORATION, JP
 [22] 2003-08-27
 [41] 2004-05-26
 [30] JP (2002-341826) 2002-11-26
 [30] JP (2003-076890) 2003-03-20
 [30] JP (2003-076891) 2003-03-20
 [30] JP (2003-128049) 2003-05-06
 [30] JP (2003-204804) 2003-07-31

[21] 2,438,374
 [13] A1

[51] Int.Cl. 7G06F 17/17 7G06F 17/16
 [25] EN
 [54] METHOD AND APPARATUS FOR
 FAST INTERPOLATION OF MULTI-
 DIMENSIONAL FUNCTIONS WITH
 NON-RECTANGULAR DATA SETS
 [54] METHODE ET APPAREIL POUR
 L'INTERPOLATION RAPIDE DE
 FONCTIONS
 MULTIDIMENSIONNELLES AVEC DES
 ENSEMBLES DE DONNEES NON
 RECTANGULAIRES
 [72] RADOSLAW, ROMUALD
 ZAKRZEWSKI, US
 [71] SIMMONDS PRECISION
 PRODUCTS, INC., US
 [22] 2003-08-27
 [41] 2004-05-25
 [30] US (60/429,053) 2002-11-25
 [30] US (10/631,934) 2003-07-31

[21] 2,439,055
 [13] A1

[51] Int.Cl. 7A47K 10/42 7B65D 83/08
 7B65D 25/22
 [25] EN
 [54] AN INTERFOLDED TISSUE SHEET
 DISPENSER WITH ADJUSTABLE
 ATTACHING MECHANISM
 [54] DISTRIBUTRICE DE SERVIETTES
 DE PAPIER ENTREPLIEES AVEC
 MECANISME DE FIXATION
 REGLABLE
 [72] MITCHELL, JOSEPH, US
 [71] KIMBERLY-CLARK WORLDWIDE,
 INC., US
 [22] 2003-08-29
 [41] 2004-05-26
 [30] US (10/304,987) 2002-11-26

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[21] **2,439,363**
[13] A1

[51] Int.Cl. 7H04M 11/06 7H04L 29/06
[25] EN
[54] SYSTEM FOR AUTOMATICALLY
SELECTING VOICE DATA
TRANSMISSION AND RECEPTION
SYSTEM FOR IP NETWORK, METHOD
THEREOF, AND IP TERMINAL
[54] SYSTEME DE SELECTION
AUTOMATIQUE DE L'EMISSION ET
DE LA RECEPTION DE DONNEES
POUR UN RESEAU IP, METHODE
CONNEXE ET TERMINAL IP
[72] KOBAYASHI, YOSHIKAZU, JP
[72] MONAI, NOBUHIRO, JP
[71] NEC INFRONTIA CORPORATION, JP
[22] 2003-09-03
[41] 2004-05-29
[30] JP (2002-348065) 2002-11-29

[21] **2,440,577**
[13] A1

[51] Int.Cl. 7C08F 122/40 7C10M 101/00
7C08F 122/02 7C08F 110/10 7C10M 133/
16
[25] EN
[54] LOW MOLECULAR WEIGHT
BRANCHED ALKENYL SUCCINIC
ACID DERIVATIVES PREPARED
FROM LOW MOLECULAR WEIGHT
POLYISOBUTENE AND
UNSATURATED ACIDIC REAGENTS
[54] DERIVES D'ACIDES
ALCENYL(RAMIFIE)SUCCINIQUE DE
FAIBLE POIDS MOLECULAIRE
PREPARES A PARTIR DE
POLYISOBUTENE DE FAIBLE POIDS
MOLECULAIRE ET DE REACTIFS
ACIDES INSATURES
[72] HARRISON, JAMES J., US
[72] NELSON, KENNETH, US
[71] CHEVRON ORONITE COMPANY
LLC, US
[22] 2003-09-12
[41] 2004-05-27
[30] US (10/305,901) 2002-11-27

[21] **2,441,333**
[13] A1

[51] Int.Cl. 7A63F 9/00 7G06F 19/00
7A63F 13/10 7G07F 17/32
[25] EN
[54] GAME FOR A GAMING DEVICE
WHERE A PLAYER COMPETES WITH
A COMPUTER
[54] JEU POUR UN APPAREIL DE JEUX
DE HASARD DANS LEQUEL UN
JOUEUR SE BAT CONTRE
L'ORDINATEUR
[72] GAUSELMANN, MICHAEL, DE
[71] ATRONIC INTERNATIONAL GMBH,
DE
[22] 2003-09-17
[41] 2004-05-26
[30] US (10/306,150) 2002-11-26

[21] **2,442,672**
[13] A1

[51] Int.Cl. 7F21V 33/00
[25] EN
[54] LINEAR FLUORESCENT LAMP
END CAP LOCKING SYSTEM
[54] SYSTEME DE VERROUILLAGE DE
CULOT DE LAMPE FLUORESCENTE
LINEAIRE
[72] HARDY, GREGORY J., US
[71] OSRAM SYLVANIA INC., US
[22] 2003-09-25
[41] 2004-05-27
[30] US (60/429,999) 2002-11-27
[30] US (10/394,857) 2003-03-21

[21] **2,442,883**
[13] A1

[51] Int.Cl. 7H04L 12/66 7H04Q 7/36
[25] EN
[54] WIRELESS LAN SYSTEM
[54] SYSTEME LAN SANS FIL
[72] KOBAYASHI, YOSHIKAZU, US
[72] HOSODA, HIRONORI, US
[71] NEC INFRONTIA CORPORATION, JP
[22] 2003-09-26
[41] 2004-05-26
[30] JP (342061/2002) 2002-11-26

[21] **2,443,611**
[13] A1

[51] Int.Cl. 7H04L 12/12 7H04Q 5/14
7H04L 12/28 7H04Q 7/38
[25] EN
[54] ELECTRONIC APPARATUS
[54] APPAREIL ELECTRONIQUE
[72] KOBAYASHI, YOSHIKAZU, JP
[72] SHIOTA, SHINSUKE, JP
[71] NEC INFRONTIA CORPORATION, JP
[22] 2003-09-30
[41] 2004-05-26
[30] JP (341779/2002) 2002-11-26

[21] **2,443,651**
[13] A1

[51] Int.Cl. 7H04L 29/12 7H04L 12/12
7H04Q 7/38
[25] EN
[54] ELECTRONIC APPARATUS
[54] APPAREIL ELECTRONIQUE
[72] KOBAYASHI, YOSHIKAZU, JP
[72] SHIOTA, SHINSUKE, JP
[71] NEC INFRONTIA CORPORATION, JP
[22] 2003-09-30
[41] 2004-05-26
[30] JP (341783/2002) 2002-11-26

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[21] **2,443,786**
[13] A1

[51] Int.Cl. 7G01M 7/02 7G06F 19/00
[25] EN
[54] OPTIMAL SHAFT BALANCE USING INTEGER PROGRAMMING TO HANDLE DISCRETE ADJUSTMENT
[54] EQUILIBRAGE D'ARBRE OPTIMAL UTILISANT LA PROGRAMMATION PAR NOMBRES ENTIERS POUR PERMETTRE LES REGLAGES DISCRETS
[72] BECHHOEFER, ERIC ROBERT, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2003-10-01
[41] 2004-05-27
[30] US (10/306,510) 2002-11-27

[21] **2,444,322**
[13] A1

[51] Int.Cl. 7B23K 37/053
[25] EN
[54] TETHERLESS INTERNAL LINE-UP UNIT FOR PIPELINE WELDING
[54] DISPOSITIF D'ALIGNEMENT INTERNE SANS ATTACHE POUR SOUDAGE SUR PIPELINE
[72] LAING, BRIAN SCOTT, US
[71] CRC-EVANS PIPELINE INTERNATIONAL, INC., US
[22] 2003-10-07
[41] 2004-05-27
[30] US (10/306,143) 2002-11-27

[21] **2,444,838**
[13] A1

[51] Int.Cl. 7G21C 3/60
[25] EN
[54] NUCLEAR FUEL BODY INCLUDING TUNGSTEN NETWORK AND METHOD OF MANUFACTURING THE SAME
[54] CORPS DE COMBUSTIBLE NUCLEAIRE COMPRENANT UN RESEAU AU TUNGSTENE ET METHODE DE FABRICATION
[72] KIM, JONG HUN, KR
[72] JUNG, YOUN HO, KR
[72] KANG, KI WON, KR
[72] YANG, JAE HO, KR
[72] KIM, KEON SIK, KR
[72] SONG, KUN WOO, KR
[71] KOREA ATOMIC ENERGY RESEARCH INSTITUTE, KR
[71] KOREA HYDRO & NUCLEAR POWER CO., LTD., KR
[22] 2003-10-10
[41] 2004-05-28
[30] KR (2002-74805) 2002-11-28
[30] KR (2003-28065) 2003-05-01

[21] **2,446,485**
[13] A1

[51] Int.Cl. 7B44F 1/00 7G02B 5/128
[25] EN
[54] THE USE OF COLLAPSIBLE MICROSpheres TO CREATE TEXTURE IN SURFACE COVERINGS
[54] UTILISATION DE MICROSpheres COMPRESSIBLES POUR LA CREATION DE TEXTURE DANS DES REVETEMENTS DE SURFACE
[72] SELBY, MALCOLM JOHN, GB
[72] KAUFFMAN, WILLIAM J., US
[72] JAGDEV, RAJMEET KAUR, GB
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 2003-10-24
[41] 2004-05-25
[30] US (10/303,603) 2002-11-25

[21] **2,446,522**
[13] A1

[51] Int.Cl. 7B60G 11/26
[25] EN
[54] AIR SPRING HEAT SINK
[54] RESSORT PNEUMATIQUE A DISSIPATEUR DE CHALEUR
[72] MCLAUGHLIN, PHILLIP M., US
[71] PACCAR INC, US
[22] 2003-10-27
[41] 2004-05-27
[30] US (10/307,246) 2002-11-27

[21] **2,447,204**
[13] A1

[51] Int.Cl. 7G11C 29/00 7G11C 7/10
7H03M 13/11 7G11C 7/20
[25] EN
[54] ERROR CORRECTION SCHEME FOR MEMORY
[54] METHODE DE CORRECTION D'ERREURS POUR MEMOIRE
[72] FOSS, RICHARD C., CA
[71] MEMORY MANAGEMENT SERVICES LTD., GB
[22] 2003-10-28
[41] 2004-05-29
[30] US (60/429,556) 2002-11-29

[21] **2,447,724**
[13] A1

[51] Int.Cl. 7G01R 33/56 7G06F 17/00
7A61B 5/055
[25] EN
[54] METHOD AND DEVICE FOR CORRECTING ORGAN MOTION ARTIFACTS IN MRI SYSTEMS
[54] METHODE ET DISPOSITIF POUR CORRIGER LES ARTEFACTS DE MOUVEMENT DES ORGANES DANS LES APPAREILS D'IMAGERIE PAR RESONANCE MAGNETIQUE
[72] DHANANTWARI, AMAR, CA
[72] STERGIOPoulos, STERGIOs, CA
[72] FREIBERT, ANDREAS, DE
[72] WROBEL, MIROSLAW, DE
[72] YOUNIS, WAHEED, CA
[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA
[22] 2003-10-31
[41] 2004-05-25
[30] US (60/428,712) 2002-11-25
[30] US (10/608,141) 2003-06-30

[21] **2,447,755**
[13] A1

[51] Int.Cl. 7H02G 3/08
[25] EN
[54] ELECTRICAL OUTLET BOX
[54] BOITE DE PRISE DE COURANT
[72] DILILLO, MICHELE, CA
[72] LALANCETTE, DANIEL, CA
[72] BEDKOWSKI, TOMASZ, CA
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2003-11-03
[41] 2004-05-27
[30] US (10/306,542) 2002-11-27

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[21] **2,448,098**
[13] A1

[51] Int.Cl. 7C12N 15/31 7C07H 21/00
7C12Q 1/04 7G01N 33/18 7C12N 15/30
7C12P 19/34 7C12Q 1/68
[25] EN
[54] ULTRASENSITIVE DETECTION OF PATHOGENIC MICROBES
[54] DETECTION ULTRASENSIBLE DE MICROBES PATHOGENES
[72] GUY, REBECCA A., CA
[72] HORGAN, PAUL A., CA
[72] TAM, INGE VIIA, CA
[71] GUY, REBECCA A., CA
[71] HORGAN, PAUL A., CA
[71] TAM, INGE VIIA, CA
[22] 2003-11-26
[41] 2004-05-26
[30] US (60/428,914) 2002-11-26

[21] **2,448,787**
[13] A1

[51] Int.Cl. 7G06F 7/00 7G06F 17/20
[25] EN
[54] METHOD AND COMPUTER-READABLE MEDIUM FOR IMPORTING AND EXPORTING HIERARCHICALLY STRUCTURED DATA
[54] METHODE ET SUPPORT LISIBLE PAR UN ORDINATEUR POUR L'IMPORTATION ET L'EXPORTATION DE DONNEES A STRUCTURE HIERARCHIQUE
[72] PULLEN, WALTER DAVID, US
[71] MICROSOFT CORPORATION, US
[22] 2003-11-10
[41] 2004-05-27
[30] US (10/306,022) 2002-11-27

[21] **2,449,149**
[13] A1

[51] Int.Cl. 7B08B 9/032 7B05B 1/00
7F02C 7/00
[25] EN
[54] METHOD AND APPARATUS FOR CLEANING COMBUSTOR LINERS
[54] METHODE ET DISPOSITIF DE NETTOYAGE DE CHEMISES DE CHAMBRES DE COMBUSTION
[72] FEHRENBACH, JEFFREY ARNOLD, US
[72] FARMER, GILBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-11-13
[41] 2004-05-26
[30] US (10/304,305) 2002-11-26

[21] **2,448,172**
[13] A1

[51] Int.Cl. 7G01V 3/26 7E21B 49/00
7E21B 47/04 7G01R 33/07 7E21B 47/10
7E21B 47/12 7G01N 27/82
[25] EN
[54] OIL AND GAS WELL TUBULAR INSPECTION SYSTEM USING HALL EFFECT SENSORS
[54] SYSTEME D'INSPECTION DE MATERIEL TUBULAIRE DE PUITS DE PETROLE ET DE GAZ AU MOYEN DE CAPTEURS A EFFET HALL
[72] FICKERT, GARY, US
[72] HAYNES, JOHN, US
[71] U.S.A. INC., US
[22] 2003-11-05
[41] 2004-05-27
[30] US (10/307,09) 2002-11-27

[21] **2,448,836**
[13] A1

[51] Int.Cl. 7G01L 27/00 7B64D 43/00
[25] FR
[54] PROCEDE ET DISPOSITIF POUR DETECTER LA DEFAILLANCE D'UN CAPTEUR DE PRESSION D'UNE CENTRALE ANEMOMETRIQUE D'UN AERONEF
[54] PROCESS AND DEVICE FOR DETECTING FAILURES OF PRESSURE SENSORS IN AIRCRAFT AIR DATA COMPUTERS
[72] D'OUINCE, ARNAUD, FR
[72] GAUCHERON, PHILIPPE, FR
[72] BELLIER, ARNAUD, FR
[72] LEY, BRUNO, FR
[71] AIRBUS FRANCE, FR
[22] 2003-11-07
[41] 2004-05-27
[30] FR (02 14 871) 2002-11-27

[21] **2,449,183**
[13] A1

[51] Int.Cl. 7H01R 4/24
[25] EN
[54] ELECTRICAL CONNECTOR FOR CONNECTING A BRANCHED CIRCUIT TO A MAIN POWER SOURCE
[54] CONNECTEUR ELECTRIQUE POUR RACCORDER UN CIRCUIT RAMIFIE A UNE SOURCE D'ALIMENTATION PRINCIPALE
[72] ECHITO, CORY, US
[71] AMERICAN TACK & HARDWARE CO., INC., US
[22] 2003-11-12
[41] 2004-05-25
[30] US (10/303,476) 2002-11-25

[21] **2,448,491**
[13] A1

[51] Int.Cl. 7A61N 1/00
[25] EN
[54] HUMAN-BODY POTENTIAL CONTROLLING ELECTROTHERAPEUTIC DEVICE
[54] DISPOSITIF ELECTROTHERAPEUTIQUE DE REGULATION DU POTENTIEL ELECTRIQUE DANS LE CORPS HUMAIN
[72] HAN, HAK-JA, KR
[72] CHO, JUNG-SOON, KR
[71] HAN, HAK-JA, KR
[71] CHO, JUNG-SOON, KR
[22] 2003-11-06
[41] 2004-05-29
[30] KR (2002-75252) 2002-11-29

[21] **2,449,101**
[13] A1

[51] Int.Cl. 7B65D 5/54
[25] EN
[54] CARTON OPENING FEATURE
[54] DISPOSITIF D'OUVERTURE DE CARTONS
[72] DARIN, NEIL E., US
[72] GUZOWSKI, CHRISTOPHER P., US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2003-11-13
[41] 2004-05-25
[30] US (10/303,684) 2002-11-25

[21] **2,449,261**
[13] A1

[51] Int.Cl. 7H01M 8/04 7H01M 8/00
7H01M 8/24
[25] EN
[54] FUEL CELL CONTAINER COOLING SYSTEM
[54] SYSTEME DE REFROIDISSEMENT DE CONTENANT DE PILE A COMBUSTIBLE
[72] BUNKER, RONALD SCOTT, US
[72] BALAN, CHELLAPPA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-11-13
[41] 2004-05-27
[30] US (10/305,162) 2002-11-27

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[21] 2,449,263
[13] A1

[51] Int.Cl. 7F01D 5/18 7F01D 25/12
7F01D 5/28
[25] EN
[54] ROW OF LONG AND SHORT CHORD LENGTH AND HIGH AND LOW TEMPERATURE CAPABILITY TURBINE AIRFOILS
[54] RANGEE DE PROFILS DE TURBINE A GRANDES ET A COURTES LONGUEURS DE CORDE ET A CAPACITE POUR HAUTE ET BASSE TEMPERATURES
[72] TURNER, MARK GRAHAM, US
[72] ORKWIS, PAUL DAVID, US
[72] CEDAR, RICHARD DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-11-13
[41] 2004-05-27
[30] US (10/305,833) 2002-11-27

[21] 2,449,336
[13] A1

[51] Int.Cl. 7A61B 17/56 7A61F 2/38
[25] EN
[54] METHOD AND APPARATUS FOR ACHIEVING CORRECT LIMB ALIGNMENT IN UNICONDYLAR KNEE ARTHROPLASTY
[54] METHODE ET APPAREIL POUR CORRIGER L'AXE D'UN MEMBRE LORS D'UNE ARTHROPLASTIE UNICONDYLAIRE DU GENOU
[72] WILLIAMSON, RICHARD V., US
[72] FARLING, TOBY N., US
[72] SAENGER, PAUL V., US
[72] HODOREK, ROBERT A., US
[72] SANFORD, ADAM H., US
[71] ZIMMER TECHNOLOGY, INC., US
[22] 2003-11-13
[41] 2004-05-27
[30] US (10/305,697) 2002-11-27

[21] 2,449,365
[13] A1

[51] Int.Cl. 7E01F 9/04 7E01C 23/16
[25] EN
[54] COLLATED ROAD MARKER ASSEMBLY, AND SYSTEM AND METHOD FOR AUTOMATICALLY APPLYING COLLATED ROAD MARKERS TO ROADWAY SURFACES
[54] ENSEMBLE DE MARQUAGE DE ROUTES, ET SYSTEME ET METHODE D'APPLICATION AUTOMATIQUE DE MARQUES SUR LES SURFACES DES ROUTES
[72] ORTHAUS, CHAD M., US
[72] COURNEYA, CALICE G., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-11-13
[41] 2004-05-25
[30] US (10/302,994) 2002-11-25

[21] 2,449,367
[13] A1

[51] Int.Cl. 7F04D 29/58 7F04D 25/08
7F04D 29/38
[25] EN
[54] FAN WITH MOTOR VENTILATION SYSTEM
[54] VENTILATEUR AVEC SYSTEME DE VENTILATION A MOTEUR
[72] THOMAS, JAMES C., US
[72] BIRD, GREGORY MICHAEL, US
[71] HUNTER FAN COMPANY, US
[22] 2003-11-13
[41] 2004-05-23
[30] US (10/303,237) 2002-11-23

[21] 2,449,594
[13] A1

[51] Int.Cl. 7B61C 5/02 7F02B 61/00
7B61K 13/00 7F01N 5/00 7F02B 27/04
7B61C 5/04 7F02M 35/10
[25] EN
[54] AUXILIARY POWER UNIT EXHAUST SYSTEM AND METHOD FOR A LOCOMOTIVE
[54] SYSTEME ET METHODE D'ECHAPPEMENT DE GROUPE ELECTROGENE DE LOCOMOTIVE
[72] STEWART, TED E., US
[71] CSXT INTELLECTUAL PROPERTIES CORPORATION, US
[22] 2003-11-18
[41] 2004-05-27
[30] US (10/305,144) 2002-11-27

[21] 2,449,645
[13] A1

[51] Int.Cl. 7B60B 15/26
[25] EN
[54] ATTACHMENT DEVICE FOR AN AUXILIARY WHEEL RELEASABLY ATTACHABLE TO A WHEEL OF A VEHICLE
[54] DISPOSITIF D'ATTACHE DE ROUE AUXILIAIRE AMOVIBLE A LA ROUE D'UN VEHICULE
[72] SCHAAD, FRITZ JOHANN, CH
[72] SCHAAD, RUDOLF, CH
[71] GEBR.SCHAAD AG RADERFABRIK, CH
[22] 2003-11-18
[41] 2004-05-26
[30] EP (02406026.1) 2002-11-26

[21] 2,449,751
[13] A1

[51] Int.Cl. 7H04B 7/02 7H04L 5/02
7H04B 7/10 7H04L 27/34
[25] EN
[54] A METHOD, APPARATUS AND SYSTEM FOR MULTIPLE SIGNAL TRANSMISSION, RECEPTION, AND RESTORATION
[54] METHODE, APPAREIL ET SYSTEME POUR EMISSION, RECEPTION ET RETABLISSEMENT DE SIGNAUX MULTIPLES
[72] SCOTT, KEN, CA
[72] SENDYK, ANDREW M., CA
[71] CREATIVE SIGNAL SOLUTIONS INC., CA
[22] 2003-11-18
[41] 2004-05-29
[30] US (60/429,408) 2002-11-29

[21] 2,449,879
[13] A1

[51] Int.Cl. 7B65D 5/42 7B65D 85/18
7B65D 5/52
[25] EN
[54] SHIPPING CONTAINER WITH SUPPORT MEMBER FOR MERCHANDISING PLURAL SUSPENDED ITEMS
[54] CONTENANT A ELEMENT DE SUPPORT POUR LE MARCHANDISAGE DE PLUSIEURS ARTICLES SUSPENDUS
[72] FORD, ALLAN L., US
[72] FORD, JONATHAN, US
[71] REBORN PRODUCTS CO., INC., US
[22] 2003-11-18
[41] 2004-05-27
[30] US (10/305,451) 2002-11-27

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[21] **2,449,959**
[13] A1

[51] Int.Cl. 7H01R 4/62 7H01R 4/02
[25] EN
[54] METHOD FOR CONDUCTIVELY CONNECTING FIRST AND SECOND ELECTRICAL CONDUCTORS
[54] METHODE D'ETABLISSEMENT D'UNE CONNEXION CONDUCTRICE ENTRE UN PREMIER ET UN DEUXIEME CONDUCTEURS ELECTRIQUES
[72] JONLI, ODD MAGNE, NO
[71] NEXANS, FR
[22] 2003-11-18
[41] 2004-05-29
[30] NO (2002 5747) 2002-11-29

[21] **2,450,064**
[13] A1

[51] Int.Cl. 7A47F 5/08 7A47F 5/00
[25] EN
[54] AMBIDEXTROUS MERCHANDISE FIXTURE AND METHOD OF DISPLAYING MERCHANDISE THEREFROM
[54] SUPPORT AMBIDEXTRE DE MARCHANDISES ET METHODE DE PRESENTATION DE MARCHANDISES CONNEXE
[72] FORD, JONATHAN, US
[72] FORD, ALLAN L., US
[71] REBORN PRODUCTS CO., INC., US
[22] 2003-11-18
[41] 2004-05-27
[30] US (10/305,501) 2002-11-27

[21] **2,450,181**
[13] A1

[51] Int.Cl. 7A23D 9/00 7A23P 1/08
[25] EN
[54] EDIBLE MOISTURE BARRIER FOR FOOD PRODUCTS
[54] MEMBRANE COMESTIBLE, ETANCHE A L'HUMIDITE, POUR PRODUITS ALIMENTAIRES
[72] HERBST, LAURA, US
[72] GAONKAR, ANILKUMAR GANAPATI, US
[72] ALMENDAREZ, MARIA, US
[72] HANSEN, TIM, US
[72] LOH, JIMBAY, US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2003-11-20
[41] 2004-05-26
[30] US (10/304,446) 2002-11-26

[21] **2,450,282**
[13] A1

[51] Int.Cl. 7A63H 11/18 7A63H 33/26
[25] EN
[54] AN ELECTRIC TOY
[54] JOUET ELECTRIQUE
[72] KWOK, KEE-MAN, HK
[72] ZENG, ZHIXIN, CN
[72] LI, WEIGUANG, CN
[71] KWOK, KEE-MAN, HK
[22] 2003-11-21
[41] 2004-05-25
[30] US (10/304,387) 2002-11-25

[21] **2,450,284**
[13] A1

[51] Int.Cl. 7F16F 15/02 7F16C 11/00 7F16M 13/00 7H01Q 1/12 7H01Q 1/34
[25] EN
[54] ELEMENTARY AND COMPLEX COUPLING DEVICES, AND THEIR USE
[54] DISPOSITIFS DE COUPLAGE ELEMENTAIRES ET COMPLEXES ET UTILISATIONS CONNEXES
[72] MULDER, JAN, NL
[71] THALES NEDERLAND B.V., NL
[22] 2003-11-20
[41] 2004-05-29
[30] NL (1022035) 2002-11-29

[21] **2,450,291**
[13] A1

[51] Int.Cl. 7F16F 15/04 7F16B 5/00
[25] EN
[54] VIBRATION-DAMPING RING INSERT ARRANGEMENT, ALSO IN CONNECTION ARRANGEMENTS FOR COMPONENTS
[54] DISPOSITIF ANNULAIRE INSERABLE AMORTISSANT LES VIBRATIONS, EGALEMENT UTILISABLE DANS DES CONFIGURATIONS DE CONNEXION POUR COMPOSANTS
[72] SCHWARZ, HELMUT, DE
[72] HOMNER, BERNHARD, DE
[71] SCHWARZ VERBINDUNGS-SYSTEME GMBH, DE
[22] 2003-11-20
[41] 2004-05-26
[30] DE (202 18 301.7) 2002-11-26

[21] **2,450,293**
[13] A1

[51] Int.Cl. 7B64C 1/14
[25] EN
[54] AIRCRAFT COCKPIT WINDOW
[54] FENETRE DE POSTE DE PILOTAGE D'AERONEF
[72] PAUTIS, OLIVIER, FR
[72] CHAUMEL, PASCAL, FR
[72] DAZET, FRANCIS, FR
[71] AIRBUS FRANCE, FR
[22] 2003-11-21
[41] 2004-05-27
[30] FR (02 14880) 2002-11-27

[21] **2,450,329**
[13] A1

[51] Int.Cl. 7C09K 7/02 7E21B 21/14
[25] EN
[54] COMPOSITIONS FOR DRILLING FLUIDS USEFUL TO PROVIDE FLAT TEMPERATURE RHEOLOGY TO SUCH FLUIDS OVER A WIDE TEMPERATURE RANGE AND DRILLING FLUIDS CONTAINING SUCH COMPOSITIONS
[54] COMPOSES D'ADDITION DE FLUIDES DE FORAGE PERMETTANT D'OBTENIR DES FLUIDES AYANT DES PROPRIETES RHEOLOGIQUES RELATIVEMENT CONSTANTES DANS UN VASTE INTERVALLE DE TEMPERATURES ET FLUIDES DE FORAGE CONTENANT LESDITS COMPOSES
[72] THOMPSON, JEFFREY, US
[72] DINO, DAVID, US
[72] JOBBINS, RICHARD, US
[72] MATYI, MARK JR., US
[71] ELEMENTIS SPECIALTIES, INC., US
[22] 2003-11-20
[41] 2004-05-25
[30] US (10/303,037) 2002-11-25

[21] **2,450,331**
[13] A1

[51] Int.Cl. 7A47D 13/10 7A63G 9/00 7A63G 13/04
[25] EN
[54] FOLDABLE SWING HAVING ROTATABLE HANDLE
[54] BALANCOIRE PLIANTE A POIGNEE ROTATIVE
[72] LONGENECKER, MICHAEL L., US
[72] STAUFFER, DENNIS R., US
[71] GRACO CHILDREN'S PRODUCTS INC., US
[22] 2003-11-20
[41] 2004-05-26
[30] US (10/304,054) 2002-11-26

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[21] 2,450,332
[13] A1

[51] Int.Cl. 7A47D 13/10 7A63G 9/00
7A63G 13/04 7A63G 9/16
[25] EN
[54] SWING DRIVE MECHANISM
[54] MECANISME D'ENTRAINEMENT
DE BALANCOIRE
[72] DILLNER, JAMES MICHAEL, US
[72] STAUFFER, DENNIS R., US
[72] RANSIL, MATTHEW J., US
[71] GRACO CHILDREN'S PRODUCTS
INC., US
[22] 2003-11-20
[41] 2004-05-26
[30] US (10/304,013) 2002-11-26

[21] 2,450,333
[13] A1

[51] Int.Cl. 7G02B 6/16 7H04J 14/02
7H04B 10/12
[25] EN
[54] OPTICAL FIBER FOR
ATTENUATING OPTICAL SIGNAL
[54] FIBRE OPTIQUE POUR
ATTENUATION DE SIGNAL OPTIQUE
[72] NOUCHI, KENTARO, JP
[72] MORISHITA, YUICHI, JP
[72] MATSUYAMA, EIJI, JP
[72] TANIMOTO, GEN, JP
[72] YAMAGUCHI, MASAMITSU, JP
[71] SHOWA ELECTRIC WIRE & CABLE
CO., LTD., JP
[22] 2003-11-20
[41] 2004-05-27
[30] JP (JP2002-343222) 2002-11-27

[21] 2,450,391
[13] A1

[51] Int.Cl. 7E21B 47/12 7E21B 17/00
7E21B 47/01
[25] EN
[54] LOGGING WHILE TRIPPING
WITH A MODIFIED TUBULAR
[54] DIAGRAPHIE PENDANT LE
FORAGE AU MOYEN DE MATERIEL
TUBULAIRE MODIFIE
[72] FREY, MARK T., US
[72] SMITH, DAVID L., GB
[71] SCHLUMBERGER CANADA
LIMITED, CA
[22] 2003-11-24
[41] 2004-05-25
[30] US (10/065,845) 2002-11-25

[21] 2,450,453
[13] A1

[51] Int.Cl. 7C08G 18/75 7C07C 263/00
7C08G 18/16 7C08K 5/50 7C08G 18/72
[25] EN
[54] PREPARATION OF
POLYISOCYANATES CONTAINING
URETDIONE GROUPS
[54] PREPARATION DE
POLYISOCYANATES CONTENANT
DES GROUPES URETDIONE
[72] HECKING, ANDREAS, DE
[72] LAAS, HANS-JOSEF, DE
[72] HALPAAP, REINHARD, DE
[72] RICHTER, FRANK, DE
[71] BAYER AKTIENGESELLSCHAFT,
DE
[22] 2003-11-21
[41] 2004-05-25
[30] DE (10254878.1) 2002-11-25

[21] 2,450,504
[13] A1

[51] Int.Cl. 7C12N 15/31 7A61P 31/04
7C12N 1/20 7C12N 1/21 7A61K 31/43
7C12N 15/70 7C12N 15/74
[25] EN
[54] CSRC POLYNUCLEOTIDES AND
USES THEREOF FOR BIOFILM
MODULATION
[54] POLYNUCLEOTIDES
CONTENANT LE GENE CSRC ET
UTILISATIONS CONNEXES POUR LA
MODULATION DE FILMS
BIOLOGIQUES
[72] WANG, XIN, US
[72] WEILBACHER, THOMAS, AU
[72] ROMEO, TONY, US
[72] SUZUKI, KAZUSHI, US
[71] KANE BIOTECH INC., CA
[22] 2003-12-22
[41] 2004-05-26
[30] US (60/434,779) 2002-12-20

[21] 2,450,508
[13] A1

[51] Int.Cl. 7H01M 6/30 7H01M 2/02
7H01M 6/04 7H01M 6/42
[25] EN
[54] RESERVE BATTERY AND ITS USE
[54] BATTERIE DE SECOURS ET SON
UTILISATION
[72] STRAVER, JOHANNES, NL
[71] THALES NEDERLAND B.V., NL
[22] 2003-11-25
[41] 2004-05-29
[30] NL (1022034) 2002-11-29

[21] 2,450,509
[13] A1

[51] Int.Cl. 7E03D 11/16
[25] EN
[54] TOILET OUTLET SEAL
[54] JOINT D'ETANCHEITE DE
TOILETTE
[72] EGLETON, PHILIP, GB
[72] ATKINS, NICHOLAS, GB
[71] RUBBERATKINS LIMITED, GB
[22] 2003-11-25
[41] 2004-05-26
[30] US (10/306,777) 2002-11-26
[30] US (10/625,300) 2003-07-22

[21] 2,450,516
[13] A1

[51] Int.Cl. 7A47D 13/10 7A63G 9/00
[25] EN
[54] FOLDABLE SWING WITH SEAT
RECLINE MECHANISM
[54] BALANCOIRE PLIANTE AVEC
MECANISME D'INCLINAISON DU
SIEGE
[72] LONGENECKER, MICHEAL L., US
[72] GREGER, JEFF G., US
[72] NELSON, PAUL B., US
[71] GRACO CHILDREN'S PRODUCTS
INC., US
[22] 2003-11-25
[41] 2004-05-26
[30] US (10/304,014) 2002-11-26
[30] US (10/685,706) 2003-10-16

[21] 2,450,523
[13] A1

[51] Int.Cl. 7G01N 33/48 7C12Q 1/02
7C12Q 1/42 7C12Q 1/68
[25] EN
[54] METHODS FOR PREDICTING THE
PREDISPOSITION OF AN INDIVIDUAL
TO TOTAL JOINT REPLACEMENT
FAILURE
[54] METHODES DE PREVISION DU
DISQUE D'ECHEC DU
REPLACEMENT D'UNE
ARTICULATION CHEZ UNE
PERSONNE
[72] BOYNTON, ERIN LYNN, CA
[71] BOYNTON, ERIN LYNN, CA
[22] 2003-11-24
[41] 2004-05-25
[30] US (60/428,718) 2002-11-25

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[21] **2,450,524**
[13] A1

[51] Int.Cl. 7B25J 5/00
[25] EN
[54] DEVICE FOR CARRYING AND
FASTENING A ROBOT
[54] DISPOSITIF POUR
TRANSPORTER ET FIXER UN ROBOT
[72] BURKERT, WOLFGANG, CH
[72] LENHERR, HARALD, CH
[71] SIG TECHNOLOGY LTD., CH
[22] 2003-11-25
[41] 2004-05-29
[30] CH (2002 2018/02) 2002-11-29

[21] **2,450,526**
[13] A1

[51] Int.Cl. 7G01S 13/04 7B60R 16/02
[25] EN
[54] VEHICLE RADAR DEVICE
[54] DISPOSITIF RADAR DE
VEHICULE
[72] HOASHI, YOSHIAKI, JP
[72] MORIKAWA, KATSUHIRO, JP
[71] DENSO CORPORATION, JP
[22] 2003-11-25
[41] 2004-05-28
[30] JP (2002-346282) 2002-11-28

[21] **2,450,529**
[13] A1

[51] Int.Cl. 7H01M 8/24 7H01M 8/04
[25] EN
[54] FUEL CELL
[54] PILE A COMBUSTIBLE
[72] SUZUKI, TOSHIYUKI, JP
[72] TAKAHASHI, TSUYOSHI, JP
[72] ASAI, YASUYUKI, JP
[72] NOTO, HIRONORI, JP
[72] KATO, CHISATO, JP
[72] TAKESHITA, NAOHIRO, JP
[72] NAKAJI, HIROYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI
KAISHA, JP
[22] 2003-11-24
[41] 2004-05-28
[30] JP (2002-345955) 2002-11-28

[21] **2,450,571**
[13] A1

[51] Int.Cl. 7F16C 11/04 7A61B 19/00
7F16L 3/015 7F16M 11/06
[25] EN
[54] ARTICULATED SUPPORT ARM
FOR MEDICAL DEVICES
[54] BRAS DE SUPPORT ARTICULE
POUR DISPOSITIFS MEDICAUX
[72] PARROTT, ROBERT JEFFREY, CA
[71] MEDICAL EQUIPMENT DESIGNS
INC., CA
[22] 2003-11-26
[41] 2004-05-29
[30] US (60/429,548) 2002-11-29
[30] US (10/714,902) 2003-11-18

[21] **2,450,595**
[13] A1

[51] Int.Cl. 7H01M 8/04 7H01M 8/24
[25] EN
[54] METHOD FOR CONTROLLING
FLOW RATE OF OXIDIZER IN FUEL
CELL SYSTEM
[54] METHODE DE REGULATION DU
DEBIT D'OXYDANT DANS UN
DISPOSITIF DE PILE A COMBUSTIBLE
[72] IGARASHI, DAISHI, JP
[72] HAYASHI, MASANORI, JP
[72] MATSUMOTO, YUJI, JP
[72] UEDA, KENICHIRO, JP
[72] MURAKAMI, YOSHIKAZU, JP
[72] UEHARA, JUNJI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2003-11-24
[41] 2004-05-27
[30] JP (2002-344034) 2002-11-27

[21] **2,450,599**
[13] A1

[51] Int.Cl. 7B62D 55/07 7B60R 13/00
[25] EN
[54] REAR FAIRING FOR A
SNOWMOBILE
[54] CARENAGE ARRIERE POUR
MOTONEIGE
[72] CADOTTE, GERMAIN, CA
[72] BERTRAND, ERIC, CA
[72] BEDARD, YVON, CA
[71] BOMBARDIER INC., CA
[22] 2003-11-25
[41] 2004-05-25
[30] US (60/428,752) 2002-11-25

[21] **2,450,602**
[13] A1

[51] Int.Cl. 7H01J 61/02 7H01J 61/36
[25] EN
[54] DISCHARGE LAMP OF THE
SHORT ARC TYPE
[54] LAMPE A DECHARGE DE TYPE A
ARC COURT
[72] CHIBA, SHIGERU, JP
[71] USHIODENKI KABUSHIKI KAISHA,
JP
[22] 2003-11-24
[41] 2004-05-26
[30] JP (2002-342185) 2002-11-26

[21] **2,450,604**
[13] A1

[51] Int.Cl. 7B65G 67/48
[25] EN
[54] TRAILER-TILTING, LOAD-
DISCHARGE APPARATUS AND
METHOD
[54] APPAREIL ET METHODE DE
BASCULEMENT ET DE
DECHARGEMENT DE REMORQUE
[72] MCCRORY, KEVIN RICHARD, CA
[72] SMITH, FRED P., US
[72] TEICHROB, GARY WAYNE, CA
[71] TY-CROP MANUFACTURING LTD.,
CA
[22] 2003-11-24
[41] 2004-05-25
[30] US (60/428,727) 2002-11-25

[21] **2,450,608**
[13] A1

[51] Int.Cl. 7A01B 59/06
[25] EN
[54] RETAINER ARRANGEMENT
CONNECTING OPERATING UNIT TO A
VEHICLE
[54] MECANISME DE RETENUE
RACCORDANT UN INSTRUMENT DE
TRAVAIL A UN VEHICULE
[72] BIZIOREK, STEPHANE, FR
[72] GUIET, LIONEL, FR
[71] DEERE & COMPANY, US
[22] 2003-11-25
[41] 2004-05-26
[30] DE (102 54 953.2) 2002-11-26

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[21] **2,450,609**
[13] A1
[51] Int.Cl. 7A43B 5/00 7A43B 11/00
7A43B 5/16
[25] EN
[54] APPARATUS AND METHOD FOR SECURING AN ATHLETIC BOOT
[54] APPAREIL ET METHODE PERMETTANT D'ATTACHER UNE CHAUSSURE DE SPORT DE FACON SECURITAIRE
[72] CLAFTON, GORDON, US
[72] OLSON, LEE, US
[71] RIEDELL SHOES, INC., US
[22] 2003-11-24
[41] 2004-05-25
[30] US (10/303,468) 2002-11-25

[21] **2,450,612**
[13] A1
[51] Int.Cl. 7E05G 1/026 7E05D 15/30
[25] EN
[54] SUPPORT ARM ASSEMBLY FOR A SAFE LID
[54] BRAS SUPPORT POUR COUVERCLE DE COFFRE-FORT
[72] MASSETH, JAMES E., JR., US
[72] NOWICKY, DAVID O., US
[71] JOHN D. BRUSH & CO., INC., US
[22] 2003-11-24
[41] 2004-05-26
[30] US (10/305,309) 2002-11-26

[21] **2,450,618**
[13] A1
[51] Int.Cl. 7H01M 8/04
[25] EN
[54] FUEL CELL SYSTEM
[54] DISPOSITIF DE PILE A COMBUSTIBLE
[72] NUMATA, HIDEO, JP
[72] MURAKAMI, YOSHIKAZU, JP
[72] UEDA, KENICHIRO, JP
[72] HAYASHI, MASANORI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2003-11-25
[41] 2004-05-25
[30] JP (2002-340784) 2002-11-25

[21] **2,450,619**
[13] A1
[51] Int.Cl. 7G01R 31/36 7H01M 8/00
[25] EN
[54] DIAGNOSTIC APPARATUS AND DIAGNOSTIC METHOD FOR FUEL CELL
[54] APPAREIL DE DIAGNOSTIC ET METHODE DIAGNOSTIQUE POUR PILE A COMBUSTIBLE
[72] SAITO, NORIHIKO, JP
[72] KONDO, MASAAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2003-11-24
[41] 2004-05-27
[30] JP (2002-344416) 2002-11-27

[21] **2,450,842**
[13] A1
[51] Int.Cl. 7B27B 19/09 7B25F 5/00
[25] EN
[54] TOOLLESS BLADE HOLDER FOR A RECIPROCATING TOOL
[54] PORTE-LAME SANS CLEF POUR OUTIL ALTERNATIF
[72] NEMAZI, JOHN E., US
[72] MOK, KWOK TING, HK
[71] ONE WORLD TECHNOLOGIES LIMITED, BM
[22] 2003-11-25
[41] 2004-05-25
[30] US (10/303,425) 2002-11-25

[21] **2,450,622**
[13] A1
[51] Int.Cl. 7G07C 11/00 7G07F 7/00
7G06F 17/60
[25] EN
[54] LIBRARY CHECKING SYSTEMS
[54] SYSTEMES DE CONTROLE DE BIBLIOTHEQUE
[72] TILFORD, HOWARD, GB
[71] DS LIMITED, GB
[22] 2003-11-25
[41] 2004-05-27
[30] GB (0227616.0) 2002-11-27

[21] **2,450,843**
[13] A1
[51] Int.Cl. 7A61L 31/08 7A61L 31/02
[25] EN
[54] NANOTUBE COATINGS FOR IMPLANTABLE ELECTRODES
[54] REVETEMENTS A BASE DE NANOTUBES POUR ELECTRODES IMPLANTABLES
[72] O'BRIEN, ROBERT C., US
[72] FRYSZ, CHRISTINE, US
[71] WILSON GREATBATCH TECHNOLOGIES, INC., US
[22] 2003-11-25
[41] 2004-05-26
[30] US (60/429,471) 2002-11-26

[21] **2,450,650**
[13] A1
[51] Int.Cl. 7A61K 47/42 7A61K 48/00
7A61K 35/12 7A61K 47/36 7A61K 9/48
7A61K 9/66
[25] EN
[54] ENCAPSULATED CELL THERAPY
[54] THERAPIE A L'AIDE DE CELLULES ENCAPSULEES
[72] STEWART, DUNCAN J., CA
[72] COURTMAN, DAVID, CA
[72] KAROUBI, GOLNAZ, CA
[71] AN-GO-GEN INC., CA
[22] 2003-12-24
[41] 2004-05-26
[30] US (60/435,858) 2002-12-24

[21] **2,450,849**
[13] A1
[51] Int.Cl. 7G01R 31/36 7H01M 8/00
[25] EN
[54] DIAGNOSTIC APPARATUS AND DIAGNOSTIC METHOD FOR FUEL CELL
[54] APPAREIL DE DIAGNOSTIC ET METHODE DIAGNOSTIQUE POUR PILE A COMBUSTIBLE
[72] SAITO, NORIHIKO, JP
[72] KONDO, MASAAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2003-11-25
[41] 2004-05-27
[30] JP (2002-344415) 2002-11-27

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[21] **2,450,853**
[13] A1

[51] Int.Cl. 7A61N 7/00 7A61N 7/02
7A61B 18/04 7A61B 18/14
[25] EN
[54] **ULTRASOUND PULMONARY**
VEIN ISOLATION
[54] **ISOLATION DE LA VEINE**
PULMONAIRE A L'AIDE
D'ULTRASONS
[72] SCHWARTZ, YITZHACK, IL
[72] GOVARI, ASSAF, IL
[71] BIOSENSE, INC., US
[22] 2003-11-25
[41] 2004-05-26
[30] US (10/304,500) 2002-11-26

[21] **2,450,885**
[13] A1

[51] Int.Cl. 7G01M 17/00
[25] EN
[54] **GLITCH CAPTURE**
[54] **SAISIE D'ANOMALIE**
[72] LIEBL, TROY, US
[72] RAICHLE, KURT, US
[72] LIPSCOMB, EDWARD, US
[71] SPX CORPORATION, US
[22] 2003-11-25
[41] 2004-05-26
[30] US (10/303,896) 2002-11-26

[21] **2,450,889**
[13] A1

[51] Int.Cl. 7B67B 7/16 7B67B 7/00
[25] EN
[54] **RING OPENER**
[54] **BAGUE D'OUVERTURE**
[72] MENDEZ, IVAN ROMERO, CA
[72] BRAILSFORD, STEPHEN
NICHOLAS, CA
[71] MENDEZ, IVAN ROMERO, CA
[71] BRAILSFORD, STEPHEN
NICHOLAS, CA
[22] 2003-11-25
[41] 2004-05-27
[30] CA (2,413,587) 2002-11-27

[21] **2,450,913**
[13] A1

[51] Int.Cl. 7A61F 5/445 7C09J 183/04
7A61F 5/443 7A61F 5/448
[25] EN
[54] **OSTOMY POUCH ATTACHMENT**
ADHESIVES RESISTANT TO STOMAL
EFFLUENT
[54] **ADHESIFS POUR LA FIXATION**
D'UNE POCHE DE STROMIE
RESISTANTS A LA MATIERE
EVACUEE
[72] FATTMAN, GEORGE F., US
[71] BRISTOL MYERS SQUIBB
COMPANY, US
[22] 2003-11-25
[41] 2004-05-27
[30] US (60/429,505) 2002-11-27

[21] **2,450,918**
[13] A1

[51] Int.Cl. 7H05B 41/14 7H05B 37/03
[25] EN
[54] **METHOD FOR OPERATING AT**
LEAST ONE LOW-PRESSURE
DISCHARGE LAMP AND OPERATING
DEVICE FOR AT LEAST ONE LOW-
PRESSURE DISCHARGE LAMP
[54] **METHODE PERMETTANT DE**
FAIRE FONCTIONNER AU MOINS UNE
LAMPE A DECHARGE BASSE
PRESSION ET DISPOSITIF
PERMETTANT DE FAIRE
FONCTIONNER AU MOINS UNE
LAMPE A DECHARGE BASSE
PRESSION
[72] LOTT, JOERG, DE
[71] PATENT-TREUHAUND-
GESELLSCHAFT FUER ELEKTRISCHE
GLUEHLAMPEN MBH, DE
[22] 2003-11-26
[41] 2004-05-28
[30] DE (102 55 737.3) 2002-11-28

[21] **2,450,958**
[13] A1

[51] Int.Cl. 7B05C 1/08 7B31B 1/62
[25] EN
[54] **GLUE METERING IN A PASTE**
UNIT
[54] **DOSAGE DE COLLE DANS UNE**
ENCOLLEUSE
[72] KERRES, GUIDO, DE
[72] DUWENDAG, RUEDIGER, DE
[71] WINDMOELLER & HOELSCHER KG,
DE
[22] 2003-11-27
[41] 2004-05-27
[30] DE (DE 102 55 484.6) 2002-11-27

[21] **2,450,960**
[13] A1

[51] Int.Cl. 7B05C 1/08 7B31B 1/62
[25] EN
[54] **PASTE UNIT FOR A BOTTOM**
GUIDE DEVICE
[54] **ENCOLLEUSE A VIROLE DE PIED**
[72] DUWENDAG, RUEDIGER, DE
[72] KERRES, GUIDO, DE
[72] ERDMANN, ANDREES, DE
[71] WINDMOELLER & HOELSCHER KG,
DE
[22] 2003-11-27
[41] 2004-05-27
[30] DE (DE 102 55 485.4) 2002-11-27

[21] **2,450,968**
[13] A1

[51] Int.Cl. 7A61B 5/053 7G01N 27/02
[25] EN
[54] **BIOIMPEDANCE MEASUREMENT**
USING CONTROLLER-SWITCHED
CURRENT INJECTION AND
MULTIPLEXER SELECTED
ELECTRODE CONNECTION
[54] **MESURE DE L'IMPEDANCE**
BIOELECTRIQUE FAISANT APPEL A
L'INJECTION D'UN COURANT
COMMUTE PAR CONTROLEUR ET A
UNE CONNEXION D'ELECTRODES
SLECTIONNEES PAR MULTIPLEXEUR
[72] IRONSTONE, JOEL STEVEN, CA
[72] SMITH, KENNETH CARLESS, CA
[72] ZHANG, FRANK, CA
[71] Z-TECH (CANADA) INC., CA
[22] 2003-11-27
[41] 2004-05-27
[30] US (60/429,316) 2002-11-27

[21] **2,450,970**
[13] A1

[51] Int.Cl. 7A01F 15/07
[25] EN
[54] **BALE UNLOADING**
ARRANGEMENT OF A LARGE ROUND
BALER
[54] **DECHARGEUR DE BALLES POUR**
GROSSE PRESSE A BALLES
CYLINDRIQUES
[72] DERSCHEID, DANIEL ERIC, US
[72] VIAUD, JEAN, FR
[71] DEERE & COMPANY, US
[22] 2003-11-26
[41] 2004-05-26
[30] DE (102 54 954.0) 2002-11-26

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[21] **2,450,971**
[13] A1

[51] Int.Cl. 7A61B 5/04 7G01N 37/00
7G01N 27/02 7A61B 5/053
[25] EN
[54] APPARATUS AND METHOD FOR DETERMINING ADEQUACY OF ELECTRODE-TO-SKIN CONTACT AND ELECTRODE QUALITY FOR BIOELECTRICAL MEASUREMENTS
[54] APPAREIL ET METHODE POUR DETERMINER LE CARACTERE APPROPRIE DU POINT DE CONTACT ENTRE UNE ELECTRODE ET LA PEAU ET LA QUALITE D'UNE ELECTRODE POUR DES MESURES BIOELECTRIQUES
[72] SMITH, KENNETH CARLESS, CA
[72] ORGAN, LESLIE WILLIAM, US
[72] IRONSTONE, JOEL STEVEN, CA
[71] Z-TECH (CANADA) INC., CA
[22] 2003-11-27
[41] 2004-05-27
[30] US (60/429,316) 2002-11-27

[21] **2,450,973**
[13] A1

[51] Int.Cl. 7G01B 9/021 7G02B 21/00
7G03H 1/04 7G03H 1/22
[25] EN
[54] A METHOD FOR TRACKING PARTICLES AND LIFE FORMS IN THREE DIMENSIONS AND IN TIME
[54] METHODE PERMETTANT DE SUIVRE LES PARTICULES ET LES FORMES DE VIE DANS TROIS DIMENSIONS ET DANS LE TEMPS
[72] JERICHO, MANFRED H., CA
[72] KREUZER, H. JUERGEN, CA
[71] DALHOUSIE UNIVERSITY, CA
[22] 2003-11-26
[41] 2004-05-27
[30] US (60/429,355) 2002-11-27

[21] **2,450,971**
[13] A1

[51] Int.Cl. 7H04L 12/24 7H04L 29/12
7H04Q 7/36 7H04L 12/66
[25] EN
[54] NATIVE WI-FI ARCHITECTURE FOR 802.11 NETWORKS
[54] ARCHITECTURE WI-FI NATURE POUR RESEAUX 802.11
[72] SHEN, HUI, US
[72] GANUGAPATI, KRISHNA, US
[72] RUAN, JIANDONG, US
[72] ABHISHEK, ABHISHEK, US
[72] AYYAGARI, ARUN, US
[71] MICROSOFT CORPORATION, US
[22] 2003-11-26
[41] 2004-05-27
[30] US (10/306,169) 2002-11-27

[21] **2,450,992**
[13] A1

[51] Int.Cl. 7B24B 3/36 7B24B 9/04
[25] EN
[54] SHEER BLADE SHARPENER METHOD AND APPARATUS
[54] METHODE ET DISPOSITIF D'AFFUTAGE PRECIS DE LAME
[72] OHMAN, LARRY S., US
[72] DAVIS, FRANCIS R., US
[71] OHMAN, LARRY S., US
[71] DAVIS, FRANCIS R., US
[22] 2003-11-26
[41] 2004-05-26
[30] US (10/304,201) 2002-11-26
[30] US (10/436,189) 2003-05-12

[21] **2,450,996**
[13] A1

[51] Int.Cl. 7A01K 29/00
[25] EN
[54] ANIMAL CALL AND METHOD OF USE
[54] APPEAU ET METHODE D'UTILISATION
[72] CHAVANA, ERNEST M., US
[72] LANDIS, MILES D., US
[72] BROWN, TAD E., US
[72] HARRIS, BRADLEY W., US
[72] COLTRANE, MICHAEL D., US
[71] KOLPIN OUTDOORS, INC. (A WISCONSIN CORPORATION), US
[22] 2003-11-27
[41] 2004-05-27
[30] US (60/429,837) 2002-11-27

[21] **2,451,001**
[13] A1

[51] Int.Cl. 7C12N 15/27 7A01H 5/00
7C12P 21/02 7C12N 5/04 7A01H 5/10
7C12N 5/10 7C12N 15/82
[25] EN
[54] PRODUCTION OF GM-CSF IN PLANTS
[54] PRODUCTION DU GM-CSF DANS LES PLANTES
[72] TACKABERRY, EILEEN, CA
[72] DUDANI, ANIL, CA
[72] SARDANA, RAVINDER, CA
[72] GANZ, PETER R., CA
[72] ALTOSAAR, ILLIMAR, CA
[71] TACKABERRY, EILEEN, CA
[71] DUDANI, ANIL, CA
[71] SARDANA, RAVINDER, CA
[71] GANZ, PETER R., CA
[71] ALTOSAAR, ILLIMAR, CA
[22] 2003-11-26
[41] 2004-05-26
[30] CA (2,410,702) 2002-11-26

[21] **2,451,017**
[13] A1

[51] Int.Cl. 7B62D 55/07 7B62D 21/00
7B62B 17/04 7B62D 65/04
[25] EN
[54] MODULAR SNOWMOBILE PLATFORM
[54] PLATE-FORME MODULAIRE DE MOTONEIGE
[72] MORIN, DENIS, CA
[72] RASIDESCU, MIHAI, CA
[71] BOMBARDIER INC., CA
[22] 2003-11-27
[41] 2004-05-29
[30] US (60/429,536) 2002-11-29

[21] **2,451,054**
[13] A1

[51] Int.Cl. 7A61B 5/053 7G01N 37/00
7G01N 27/02
[25] EN
[54] IMPROVED APPARATUS AND METHOD FOR PERFORMING IMPEDANCE MEASUREMENTS
[54] APPAREIL ET METHODE AMELIORES POUR L'EXECUTION DE MESURES D'IMPEDANCE
[72] SMITH, KENNETH CARLESS, CA
[72] IRONSTONE, JOEL STEVEN, CA
[72] ZHANG, FRANK, CA
[71] Z-TECH (CANADA) INC., CA
[22] 2003-11-27
[41] 2004-05-27
[30] US (60/429,316) 2002-11-27

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[21] **2,451,059**
 [13] A1
 [51] Int.Cl. 7A61B 5/053 7G01N 37/00
 7G01N 27/02
 [25] EN
 [54] ELIMINATING INTERFACE
 ARTIFACT ERRORS IN
 BIOIMPEDANCE MEASUREMENTS
 [54] ELIMINATION DES ARTEFACTS
 AU NIVEAU DE L'INTERFACE LORS
 DE MESURES DE LA BIOIMPEDANCE
 [72] SMITH, KENNETH CARLESS, CA
 [72] IRONSTONE, JOEL STEVEN, CA
 [71] Z-TECH (CANADA) INC., CA
 [22] 2003-11-27
 [41] 2004-05-27
 [30] US (60/429,316) 2002-11-27

[21] **2,451,063**
 [13] A1
 [51] Int.Cl. 7A01F 15/07 7A01F 15/10
 [25] EN
 [54] BALER
 [54] BOTTELEUSE MECANIQUE
 [72] VIAUD, JEAN, FR
 [71] DEERE & COMPANY, US
 [22] 2003-11-27
 [41] 2004-05-27
 [30] DE (102 55 175.8) 2002-11-27

[21] **2,451,180**
 [13] A1
 [51] Int.Cl. 7C08F 30/02 7C08J 5/00
 7H01M 8/00 7C08L 43/02 7C08L 27/12
 7C08J 5/22 7C08F 16/32 7C09K 15/32
 7C08F 12/34 7H01M 4/86
 [25] EN
 [54] PHOSPHORUS-CONTAINING
 POLYMER COMPOUND,
 SYNTHESIZING METHOD THEREOF,
 ANTIOXIDANT, HIGH-DURABILITY
 POLYMER ELECTROLYTE
 COMPOSITE, ELECTRODE, AND FUEL
 CELL
 [54] COMPOSE POLYMERE
 CONTENANT DU PHOSPHORE,
 METHODE DE SYNTHESE CONNEXE,
 ANTIOXYDANT, COMPOSÉE
 D'ELECTROLYTE POLYMÈRE A
 LONGUE DUREE DE VIE, ELECTRODE
 ET PILE A COMBUSTIBLE
 [72] RIKUKAWA, MASAHIRO, JP
 [72] TAKEOKA, YUKO, JP
 [72] TAKAMI, MASAYOSHI, JP
 [72] TANIGUCHI, TAKUMI, JP
 [71] TOYOTA JIDOSHA KABUSHIKI
 KAISHA, JP
 [22] 2003-11-26
 [41] 2004-05-28
 [30] JP (2002-346180) 2002-11-28

[21] **2,451,181**
 [13] A1
 [51] Int.Cl. 7H01M 10/36 7H01M 10/38
 [25] EN
 [54] LITHIUM ION SECONDARY
 BATTERY AND METHOD FOR
 MANUFACTURING THE SAME
 [54] BATTERIE SECONDAIRE AUX
 IONS LITHIUM ET METHODE DE
 FABRICATION CONNEXE
 [72] INDA, YASUSHI, JP
 [71] KABUSHIKI KAISHA OHARA, JP
 [22] 2003-11-26
 [41] 2004-05-29
 [30] JP (2002-348532) 2002-11-29

[21] **2,451,190**
 [13] A1
 [51] Int.Cl. 7C07K 1/14 7C07K 1/36
 [25] EN
 [54] PROCESS FOR EXTRACTING
 FLAX PROTEIN CONCENTRATE
 FROM FLAX MEAL
 [54] METHODE D'EXTRACTION DE
 CONCENTRE DE PROTEINE DE LIN A
 PARTIR DE PRODUITS
 ALIMENTAIRES A BASE DE LIN
 [72] EVANS, DAVID, US
 [72] TEN HAAF, WILLIE, CA
 [72] NENNERFELT, LEIF, US
 [71] NUTREX WELLNESS INC., CA
 [22] 2003-11-26
 [41] 2004-05-26
 [30] US (60/428,940) 2002-11-26

[21] **2,451,252**
 [13] A1
 [51] Int.Cl. 7A61B 6/00 7H05G 1/30
 [25] EN
 [54] OPERATING DEVICE FOR A
 DIAGNOSTIC IMAGING UNIT
 [54] DISPOSITIF D'EXPLOITATION
 POUR VISUALISEUR DE DIAGNOSTIC
 [72] MEISSNER, FRANZ, DE
 [72] PLATZ, AXEL, DE
 [72] LOBENHOFER, BRIGITTA, DE
 [72] BECK, WERNER, DE
 [71] SIEMENS AKTIENGESELLSCHAFT,
 DE
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 [30] DE (10255955.4) 2002-11-29

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 [51] Int.Cl. 7B01D 61/50 7B01D 61/46
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 [25] EN
 [54] SPACER FOR ELECTRICALLY
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 [54] PIECE D'ECARTEMENT POUR
 APPAREIL DE TRAITEMENT A
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 [72] BARBER, JOHN H., CA
 [72] YACOUB, FOUAD, CA
 [72] TOWE, IAN GLENN, CA
 [72] TESSIER, DAVID FLORIAN, CA
 [71] E-CELL CORPORATION, CA
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 [51] Int.Cl. 7H05G 1/46 7H05G 1/56
 [25] EN
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 [54] AFFICHAGE ET ELEMENT DE
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 [72] PLATZ, AXEL, DE
 [72] LOBENHOFER, BRIGITTA, DE
 [72] MEISSNER, FRANZ, DE
 [71] SIEMENS AKTIENGESELLSCHAFT,
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[51] Int.Cl. 7A61M 16/00 7A61M 1/00
[25] EN
[54] METHOD AND APPARATUS FOR CONDUCTING TOTAL LIQUID VENTILATION WITH CONTROL OF RESIDUAL VOLUME AND VENTILATION CYCLE PROFILE
[54] METHODE ET DISPOSITIF DE VENTILATION COMPLETE DE LIQUIDE AVEC CONTROLE DU VOLUME RESIDUEL ET DU PROFIL CYCLIQUE DE VENTILATION
[72] PRAUD, JEAN-PAUL, CA
[72] CYR, STEPHANE, CA
[72] ROBERT, RAYMOND, CA
[72] MICHEAU, PHILIPPE, CA
[72] WALTI, HERVE, CA
[71] UNIVERSITE DE SHERBROOKE, CA
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[21] **2,451,263**
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[51] Int.Cl. 7B25B 13/50 7E21B 17/08
[25] EN
[54] METHODS AND APPARATUS FOR APPLYING TORQUE AND ROTATION TO CONNECTIONS
[54] METHODES ET DISPOSITIFS D'APPLICATION DE COUPLE ET DE ROTATION A DES CONNEXIONS
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[72] SHAHIN, DAVID, US
[72] RUARK, GRAHAM, US
[72] KOITHAN, THOMAS, US
[72] NEWMAN, JOHN W., US
[71] WEATHERFORD/LAMB, INC., US
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[21] **2,451,331**
[13] A1

[51] Int.Cl. 7B65B 25/14 7B65B 51/10
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[25] EN
[54] METHOD AND DEVICE FOR THE PACKAGING OF FLAT OBJECTS
[54] METHODE ET DISPOSITIF D'EMBALLAGE D'OBJETS PLATS
[72] REIST, WALTER, CH
[71] FERAG AG, CH
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[41] 2004-05-29
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[21] **2,451,335**
[13] A1

[51] Int.Cl. 7B65B 25/14 7B65B 51/10
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[25] EN
[54] METHOD AND DEVICE FOR THE PACKAGING OF FLAT OBJECTS
[54] METHODE ET DISPOSITIF D'EMBALLAGE D'OBJETS PLATS
[72] REIST, WALTER, CH
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[25] EN
[54] MODULAR ROBOTIC PLATFORM
[54] PLATE-FORME ROBOTIQUE MODULAIRE
[72] MORIN, YAN, CA
[72] LETOURNEAU, DOMINIC, CA
[72] MILLETTE, MATHIEU, CA
[72] DESCHAMBAULT, MARTIN, CA
[72] PARE, JEAN-FRANCOIS, CA
[72] LEGAULT, MARC-ANTOINE, CA
[72] LE PAGE, PIERRE, CA
[72] CADRIN, RICHARD, CA
[72] CARON, SERGE, CA
[72] MICHAUD, FRANCOIS, CA
[72] BERGERON, YANN, CA
[72] RISSMANN, HUGHES, CA
[72] ARSENAULT, MARTIN, CA
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[72] TREMBLAY, MARIE-CHRISTINE, CA
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[30] CA (2,412,815) 2002-11-27

[21] **2,451,417**
[13] A1

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[25] EN
[54] METHOD OF CAPTURING CONSTANT ECHO PATH INFORMATION IN A FULL DUPLEX SPEAKERPHONE USING DEFAULT COEFFICIENTS
[54] METHODE DE SAISIE DE DONNEES DE TRAJET D'ECHO DANS UN TELEPHONE A HAUT-PARLEUR DUPLEX INTEGRAL A L'AIDE DE COEFFICIENTS PAR DEFAUT
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[72] POPOVIC, MIRJANA, CA
[71] MITEL KNOWLEDGE CORPORATION, CA
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[41] 2004-05-29
[30] GB (0227885.1) 2002-11-29

[21] **2,451,476**
[13] A1

[51] Int.Cl. 7E02D 7/08
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[54] MANCHETTE DE PIEU DIVISIBLE
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[71] MENCK GMBH, DE
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[13] A1

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[25] EN
[54] MODIFIED CDNA FACTOR VIII AND ITS DERIVATIVES
[54] ADNC MODIFIE DU FACTEUR VIII ET SES DERIVES
[72] WEIMER, THOMAS, DE
[72] HAUSER, HANS-PETER, DE
[72] PHILIPPS, MARTIN, US
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[25] EN
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[54] **RESEAU D'ELECTRODES AMELIORE POUR LA POITRINE ET METHODE D'ANALYSE POUR LA DETECTION ET LE DIAGNOSTIC DE MALADIES**
[72] SAFAEE-RAD, REZA, CA
[72] IRONSTONE, JOEL STEVEN, CA
[72] SMITH, KENNETH CARLESS, CA
[72] GRAOVAC, MILAN, CA
[72] ORGAN, LESLIE W., US
[71] Z-TECH (CANADA) INC., CA
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[25] EN
[54] **METHOD AND APPARATUS FOR A SATELLITE POSITIONING-BASED METERING SYSTEM FOR USE IN TRANSPORT-RELATED APPLICATIONS**
[54] **METHODE ET APPAREIL POUR SYSTEME DE MESURE BASE SUR LA LOCALISATION PAR SATELLITE POUR UTILISATION DANS DES APPLICATIONS DE TRANSPORT**
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[25] EN
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[54] **REGENERATEUR DE LIQUIDE DE REFROIDISSEMENT POUR MACHINES DE COUPE**
[72] MIOC, ALEX, CA
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[25] EN
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[54] **ARMOIRE DE CLASSEMENT DE CABLES**
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[21] **2,455,802**

[13] A1

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[25] EN
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[72] MONGRAIN, ROCK, CA
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[54] UTILISATION D'ACETATE DE GLATIRAMERE (COPOLYMER 1) POUR TRAITER DES MALADIES DU SYSTEME NERVEUX CENTRAL
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[72] CHABOT, SOPHIE, CA
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[54] ARBRE AVEC ACCOUPLEMENT ET PROCEDE POUR FORMER CE DERNIER
[72] PAVSKI, NIKOLAI, CA
[71] LITENS AUTOMOTIVE, CA
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[25] EN
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[54] RECIPIENT A PRESSION FLEXIBLE, APPAREIL ET PROCEDE PERMETTANT DE FABRIQUER CELUI-CI
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[71] SANDERS INTERNATIONAL DESIGNS, INC., US
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[30] US (10/132,588) 2002-04-24

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[25] EN
[54] METHOD OF MANUFACTURING A COMPOSITE STONE-GLASS PANEL, AND PANEL OBTAINED BY SUCH METHOD
[54] PROCEDE DE FABRICATION D'UN PANNEAU PIERRE-VERRE COMPOSITE ET PANNEAU OBTENU AU MOYEN DUDIT PROCEDE
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[71] TALTOS S.R.L., IT
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[30] IT (TO2001A000823) 2001-08-22

[21] 2,446,318
[13] A1

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[25] EN
[54] SYSTEM AND METHOD FOR CENTRAL ASSOCIATION AND TRACKING IN PASSIVE COHERENT LOCATION APPLICATIONS
[54] SYSTEME ET PROCEDE POUR LA COMBINAISON ET LA POURSUITE CENTRALISEES DANS DES APPLICATIONS DE LOCALISATION COHERENTE PASSIVE
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[71] LOCKHEED MARTIN CORPORATION, US
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[30] US (10/136,441) 2002-05-02

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[25] EN
[54] USE OF CYCLOPAMINE IN THE TREATMENT OF PSORIASIS
[54] UTILISATION DE CYCLOPAMINE DANS LE TRAITEMENT DU PSORIASIS
[72] AVCI, OKTAY, TR
[72] TAS, SINAN, TR
[71] TAS, SINAN, TR
[85] 2003-12-24
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[72] AHTING, HERBERT C., US
[71] COGNIS CORPORATION, US
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[51] Int.Cl. 7G01N 1/34 7G01N 33/561
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[72] BELENKY, ALEXEI, US
[72] DUNAYEVSKIY, YURIY, US
[72] HUGHES, DALLAS E., US
[71] CETEK CORPORATION, US
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[13] A1

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[25] EN
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[54] PROTEINE CHIMERE ET SES UTILISATIONS DANS DES PROCEDES DE TRANSFERT D'ELECTRONS
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[72] CASS, ANTHONY E. G., GB
[71] NANOBIODESIGN LIMITED, GB
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[87] 2003-02-20 (WO2003/014721)
[30] GB (0119042.0) 2001-08-03
[30] GB (0119366.3) 2001-08-08

[21] 2,456,122
[13] A1

[51] Int.Cl. 7G09G 5/00 7G09G 5/30
[25] EN
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[54] APPAREIL ET PROCEDE DE CODAGE INVERSE SEQUENTIEL PERMETTANT UNE VISUALISATION CONFIDENTIELLE D'UNE IMAGE FONDAMENTALE
[72] STRUYK, DAVID A., US
[71] WATERSTRIKE INCORPORATED, US
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[30] US (60/309,856) 2001-08-03
[30] US (10/205,864) 2002-07-24

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[51] Int.Cl. 7B01D 5/00 7F17C 6/00
[25] EN
[54] METHOD FOR RECOVERY OF VOC-GAS AND AN APPARATUS FOR RECOVERY OF VOC-GAS
[54] PROCEDE ET APPAREIL DE RECUPERATION DE GAZ DE COMPOSES ORGANIQUES VOLATILS
[72] BRODRASKIFT, KNUT, NO
[71] HAMWORTHYKSE GAS SYSTEM A.S., NO
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[30] NO (20013747) 2001-07-31

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[51] Int.Cl. 7A23L 1/30 7A61K 31/20
[25] EN
[54] LIPID BLENDS AND FOOD PRODUCTS CONTAINING OLEIC FATTY ACID AND OMEGA-6 FATTY ACIDS, DESIGNED TO INCREASE THE INTRAMYOCYLLULAR LIPID LEVEL
[54] MELANGES LIPIDIQUES ET PRODUITS ALIMENTAIRES CONTENANT UN ACIDE GRAS OLEIQUE ET DES ACIDES GRAS OMEGA-6, DESTINES A AUGMENTER LE NIVEAU LIPIDIQUE INTRAMYOCYLLULAIRE
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[72] MACE, CATHERINE, CH
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[30] EP (01119155.8) 2001-08-08

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[13] A1

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[25] EN
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[54] BOUGIE ARTIFICIELLE
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[71] JENESIS INTERNATIONAL, INC., US
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[21] 2,456,177
[13] A1

[51] Int.Cl. 7G01N 33/00 7A01K 67/00
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[25] EN
[54] ERYTHROPOIETIN AND ANTI-TUMOR NECROSIS FACTOR ALPHA COMBINATION THERAPY
[54] ERYTHROPOIETINE ET TRAITEMENT DE COMBINAISON ALPHA ANTI-FACTEUR DE NECROSE DES TUMEURS
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[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
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[13] A1

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[25] EN
[54] AQUEOUS DISPERSION COMPRISING STABLE NANOPARTICLES OF A WATER-INSOLUBLE ACTIVE AND AN EXCIPIENT LIKE MIDDLE CHAIN TRIGLYCERIDES (MCT)
[54] DISPERSION AQUEUSE COMPRENANT DES NANOParticules STABLES D'UN TRIGLYCERIDE A CHAINE MOYENNE (MTC) INSOLUBLE DANS L'EAU ACTIF ET D'UN TRIGLYCERIDE A CHAINE MOYENNE DE TYPE EXCIPIENT
[72] OLSSON, ULF, SE
[72] LINDFORS, PER LENNART, SE
[72] ZACKRISSON, ANNA ELISABETH, SE
[72] VON CORSWANT, LARS CHRISTIAN, SE
[72] SKANTZE, TOMMY URBAN, SE
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[30] GB (0119081.8) 2001-08-06
[30] GB (0212463.4) 2002-05-30

[21] 2,456,206
[13] A1

[51] Int.Cl. 7C07D 487/06 7A61P 31/18
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[25] EN
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[54] SEL DE SODIUM D'UN INHIBITEUR DE L'INTEGRASE DU VIH
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[30] US (60/313,373) 2001-08-17

[21] 2,456,208
[13] A1

[51] Int.Cl. 7C09K 7/06
[25] EN
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[54] MELANGES D'ESTERS ET D'OLEFINES ISOMERISEES ET D'AUTRES HYDROCARBURES COMME HUILES DE BASE POUR BOUES A L'HUILE A EMULSION INVERSE
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[72] PIKE, ROBERT W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[87] 2003-02-27 (WO2003/016425)
[30] US (09/929,465) 2001-08-14

[21] 2,456,222
[13] A1

[51] Int.Cl. 7C12N 15/77 7C12N 1/21
[25] EN
[54] METHOD FOR PRODUCING A MARKER-FREE MUTATED TARGET ORGANISM AND PLASMID VECTORS SUITABLE FOR THE SAME
[54] PROCEDE DE PRODUCTION D'UN ORGANISME CIBLE MUTANT DEPOURVU DE GENE MARQUEUR ET VECTEUR PLASMIQUE UTILISE A CET EFFET
[72] POMPEJUS, MARKUS, DE
[72] KLOPPROGGE, CORINNA, DE
[72] LIEBL, WOLFGANG, DE
[72] ZELDER, OSKAR, DE
[71] BASF AKTIENGESELLSCHAFT, DE
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[30] DE (101 37 815.7) 2001-08-06

[21] 2,457,043
[13] A1

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[25] EN
[54] MEDICINAL USE OF HISTONE DEACETYLASE INHIBITOR AND METHOD OF EVALUATING ANTITUMOR EFFECT THEREOF
[54] USAGE MEDICAL D'UN INHIBITEUR D'HISTONE DESACETYLASE ET METHODE D'EVALUATION DE SON ACTIVITE ANTITUMORALE
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[25] EN
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[54] DETECTEURS DE MOUVEMENT POUR SUPPRESSION DE BRUIT DANS UN SYSTEME DE TELEMESURE ELECTROMAGNETIQUE DE TROU DE FORAGE
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[54] PROCEDE DE TRAITEMENT D'UN LIQUIDE LIOPHILE
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[72] GAUTHIER, CLAUDE, CA
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[54] MATERIAU DE POLYETHYLENE MULTIMODAL
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[54] MODULE A ISOLATION ELECTRIQUE
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[54] TRAITEMENT D'AFFECTION RESPIRATOIRE ET COMPOSITION A CET EFFET
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[30] US (09/923,038) 2001-08-06

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[54] EXTENSEUR HYBRIDE POUVANT SE DILATER SOUS L'EFFET D'UN BALLONNET OU AUTOMATIQUEMENT
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[30] US (09/944,668) 2001-08-31

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[25] EN
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[54] SYSTEME D'ATTACHE MECANIQUE POURVU D'ELEMENTS DE CONTACT ORIENTES ORTHOGONALEMENT
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[30] US (10/222,116) 2002-08-16

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[25] EN
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[54] FEUILLE EN FIBRES SYNTHETIQUES RESISTANTES A LA CHALEUR
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[54] PROCEDE ET OUTIL D'USINAGE DE PIECES AVEC REFROIDISSEMENT
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[71] FORD-WERKE AKTIENGESELLSCHAFT, DE
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[25] EN
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[54] PROCEDES POUR PREVOIR LA SENSIBILITE A UN MEDICAMENT DE PATIENTS ATTEINTS D'UNE MALADIE INFLAMMATOIRE
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[71] DECODE GENETICS EHF., IS
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[87] 2003-03-13 (WO2003/021261)
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[25] EN
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[54] THERAPIE NUTRITIVE DESTINEE A DES PATIENTS DONT LE SYSTEME IMMUNITAIRE EST COMPROMIS
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[30] CH (1598/01) 2001-08-28

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[13] A1

[51] Int.Cl. 7C09D 133/06 7C09D 127/12
[25] EN
[54] COATING COMPOSITION COMPRISING AMINO FUNCTIONAL ACRYLIC RESIN AND A FLUOROCARBON POLYMER
[54] COMPOSITION DE REVETEMENT COMPRENANT UNE RESINE ACRYLIQUE A FONCTION AMINO ET UN POLYMER FLUOROCARBONE
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[72] LAUER, ANDREW J., US
[72] MONTAGUE, ROBERT A., US
[72] NGUYEN, DIEP, US
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[30] US (09/923,655) 2001-08-07

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7C07D 211/60 7C07D 211/62
[25] EN
[54] DISULFIDE AND THIOSULFONATE LIGANDS AND LIBRARIES COMPRISING THESE LIGANDS
[54] LIGANDS DE BISULFURE ET DE THIOSULFONATE, ET BIBLIOTHEQUES LES COMPRENANT
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[72] JACOBS, JEFFREY W., US
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[30] US (60/310,725) 2001-08-07
[30] US (09/990,421) 2001-11-21
[30] US (10/121,216) 2002-04-10

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[13] A1

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[25] EN
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[72] STEINKE, THOMAS, US
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[30] US (60/310,648) 2001-08-07

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 [54] GENE CAP-2 EXPRIME DANS LE CERVEAU ET PROTEINE ASSOCIES A UN TROUBLE BIPOLAIRE
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 [30] EP (01203558.0) 2001-09-17

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 [25] EN
 [54] METHOD OF DETERMINING THE NUCLEOTIDE SEQUENCE OF OLIGONUCLEOTIDES AND DNA MOLECULES
 [54] PROCEDE DE DETERMINATION DE LA SEQUENCE NUCLEOTIDIQUE D'OLIGONUCLEOTIDES ET DE MOLECULES D'ADN
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 [72] TAYLOR, THOMAS J., US
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 [30] US (09/941,882) 2001-08-28

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 [25] EN
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 [54] VERRES HYDROPHILES PLASTIFIES POUR UNE MEILLEURE STABILISATION DES AGENTS BIOLOGIQUES
 [72] SOKOLOV, ALEXEI, US
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 [72] TELLINGTON, ANDREW, US
 [72] TROST, LANDON, US
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 [30] US (10/199,061) 2002-07-22

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 7G01N 33/535 7G01N 33/542 7G01N 33/566
 [25] EN
 [54] GENETIC CONSTRUCT INTRACELLULAR MONITORING SYSTEM
 [54] SYSTEME DE CONTROLE INTRACELLULAIRE D'UN PRODUIT DE RECOMBINAISON GENETIQUE
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 [72] EGLEN, RICHARD, US
 [72] VAINSHTEIN, INNA, US
 [71] DISCOVERX, INC., US
 [85] 2004-02-26
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 [87] 2003-03-13 (WO2003/021265)
 [30] US (60/316,428) 2001-08-30
 [30] US (60/343,156) 2001-10-22
 [30] US (60/353,086) 2002-01-30

[21] 2,459,071

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[51] Int.Cl. 7A61K 31/00 7A61K 39/05
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 [25] EN
 [54] USE OF INHIBITORS OF HEPARIN-BINDING EPIDERMAL GROWTH FACTOR OR INHIBITORS OF ITS RECEPTORS FOR THE PREPARATION OF DRUGS USEFUL FOR TREATING MYELOMA
 [54] INHIBITEURS DES RECEPTEURS DE HB-EGF (ERBB) POUR TRAITER LE MYELOME
 [72] DE VOS, JOHN, FR
 [72] KLEIN, BERNARD, FR
 [72] WANG, YUE DAN, CN
 [71] CELLGEN, FR
 [71] CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER, FR
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 [30] FR (01/10354) 2001-08-01

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[51] Int.Cl. 7A23L 1/30
 [25] FR
 [54] COMPOSITION ORALE COMPRENANT UN EXTRAIT D'ECORCE D'ALBIZZIA MYRIOPHYLLA
 [54] ORAL COMPOSITION COMPRISING AN EXTRACT FROM THE BARK OF ALBIZZIA MYRIOPHYLLA
 [72] CARIEL, LEON, FR
 [72] JEAN, DANIEL, FR
 [71] L.M.D., FR
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 [86] 2002-05-30 (PCT/FR2002/001825)
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 [30] FR (0107063) 2001-05-30

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[25] EN
[54] FOOD ALLERGENS, METHOD OF DETECTING FOOD ALLERGENS AND METHOD OF DETECTING FOOD ALLERGY-INDUCING FOODS
[54] ALLERGENES ALIMENTAIRES, PROCEDE DE DETECTION DES ALLERGENES ALIMENTAIRES ET PROCEDE DE DETECTION DES ALIMENTS PROVOQUANT DES ALLERGIES ALIMENTAIRES
[72] TAKAHATA, YOSHIHISA, JP
[72] MIYAZAWA, IZUMI, JP
[72] SHIMIZU, MUNESHIGE, JP
[72] MORIMATSU, FUMIKI, JP
[72] MATSUMOTO, TAKASHI, JP
[71] NIPPON MEAT PACKERS, INC., JP
[85] 2004-03-04
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[30] JP (2001-269592) 2001-09-05

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[25] EN
[54] VARIABLE VALVE GEAR
[54] ENSEMBLE SOUPAPE D'ECHAPPEMENT
[72] PATTAKOS, MANOUSOS, GR
[72] PATTAKOS, EMMANUEL, GR
[72] PATTAKOS, JOHN, GR
[71] PATTAKOS, MANOUSOS, GR
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[25] EN
[54] BACTERIAL VACCINE
[54] VACCIN BACTERIEN
[72] DARSLEY, MICHAEL JAMES, GB
[72] STEPHENS, JONATHAN CLIVE, GB
[72] GREENWOOD, JUDITH, GB
[72] TURNER, ARTHUR KEITH, GB
[72] BEAVIS, JULIET CLAIRE, GB
[71] ACAMBIS RESEARCH LIMITED, GB
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[30] GB (0121998.9) 2001-09-11

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[13] A1

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[25] FR
[54] DISPOSITIF ET PROCEDE DE CONCENTRATION ET DE DETECTION DE GERMES PATHOGENES A PARTIR DE PRODUITS SANGUINS ET/OU DE LEURS DERIVES
[54] DEVICE AND METHOD FOR CONCENTRATION AND DETECTION OF PATHOGENIC GERMS FROM BLOOD PRODUCTS AND/OR THEIR DERIVATIVES
[72] MONNOT DES ANGLES, ANNE, FR
[72] HERMET, JEAN-PIERRE, FR
[72] BESSON-FAURE, ISABELLE, FR
[72] RIBAULT, SEBASTIEN, FR
[72] GODFRIN, YANN, FR
[71] HEMOSYSTEM, FR
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[87] 2003-03-27 (WO2003/025207)
[30] FR (01/11873) 2001-09-13

[21] **2,459,773**
[13] A1

[51] Int.Cl. 7A61K 38/39 7A61P 37/02
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[25] EN
[54] ENAMEL MATRIX PROTEIN COMPOSITIONS FOR MODULATING IMMUNE RESPONSE
[54] COMPOSITIONS PROTEIQUES A SUBSTANCE MATRICIELLE A BASE D'EMAIL POUR LA MODULATION DE REONSE IMMUNITAIRE
[72] GESTRELIUS, STINA, SE
[72] LYNGSTADAAS, STALE PETTER, NO
[71] BIORA BIOEX AB, SE
[85] 2004-03-12
[86] 2002-09-06 (PCT/SE2002/001593)
[87] 2003-03-27 (WO2003/024479)
[30] DK (PA 2001 01340) 2001-09-14
[30] US (60/323,286) 2001-09-19

[21] **2,459,778**
[13] A1

[51] Int.Cl. 7H04L 27/26
[25] EN
[54] CONTROL OF POWER SPECTRAL DENSITY BY MODULATION OF SUBCARRIERS WHICH DO NOT CARRY DATA
[54] SYSTEME ET PROCEDE DE MODULATION D'ONDES PORTEUSES NE COMPORTANT PAS DE DONNEES DANS UN SYSTEME DE MODULATION A ONDES PORTEUSES MULTIPLES
[72] OMIDI, JAVAD, CA
[72] ALAVI, HOSSEIN, CA
[72] CHINI, AHMAD, CA
[71] MAXIM INTEGRATED PRODUCTS, INC., US
[85] 2003-12-15
[86] 2002-06-10 (PCT/US2002/018621)
[87] 2002-12-27 (WO2002/102130)
[30] US (09/883,554) 2001-06-16

[21] **2,459,893**
[13] A1

[51] Int.Cl. 7G01N 33/543 7G01N 33/551
[25] EN
[54] METHODS AND APPARATUS FOR CONDUCTING MULTIPLE MEASUREMENTS ON A SAMPLE
[54] PROCEDES ET APPAREILS PERMETTANT DE REALISER DE MULTIPLES MESURES SUR UN ECHANTILLON
[72] GLEZER, ELI N., US
[72] UMEK, ROBERT M., US
[72] BIEBUYCK, HANS, US
[72] EASON, PAULA DENNEY, US
[72] TSIONSKY, MICHAEL, US
[72] KENTEN, JOHN H., US
[72] DEBAD, JEFF D., US
[72] WOHLSTADTER, JACOB N., US
[72] WILBUR, JAMES, US
[72] JOHNSON, KENT, US
[72] SIGAL, GEORGE, US
[71] MESO SCALE TECHNOLOGIES, LLC, US
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[86] 2002-09-10 (PCT/US2002/028652)
[87] 2003-03-20 (WO2003/023360)
[30] US (60/318,293) 2001-09-10
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[21] 2,459,917
[13] A1

[51] Int.Cl. 7C12G 3/06 7C12G 3/07
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[25] EN
[54] ENHANCED BEVERAGE FLAVORING PROCESS AND PRODUCTS
[54] PROCEDE PERMETTANT DE DEVELOPPER L'AROME DE BOISSONS ET PRODUIT ASSOCIE
[72] BAILEY, EDWARD WHALEY, US
[72] TYLER, ORVILLE ZELOTES III, US
[71] BAILEY, EDWARD WHALEY, US
[71] TYLER, ORVILLE ZELOTES III, US
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[86] 2002-09-04 (PCT/US2002/028044)
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[30] US (60/316,997) 2001-09-04

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[13] A1

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4418 7A61K 31/505
[25] EN
[54] SCREENING AND SELECTION METHODS FOR STATIN DRUG COMBINATIONS
[54] METHODES D'ANALYSE ET DE SELECTION D'ASSOCIATIONS DE MEDICAMENTS A BASE DE STATINES
[72] PRUEKSARITANONT, THOMAYANT, US
[71] MERCK & CO., INC., US
[85] 2004-03-08
[86] 2002-09-20 (PCT/US2002/030004)
[87] 2003-04-03 (WO2003/026573)
[30] US (60/324,485) 2001-09-24
[30] US (60/378,612) 2002-05-07

[21] 2,459,972
[13] A1

[51] Int.Cl. 7G01N 33/84 7G01N 33/68
7G01N 33/90
[25] EN
[54] DIFFERENTIAL DIAGNOSIS OF DISORDERS OF IRON METABOLISM
[54] DIAGNOSTIC DIFFERENTIEL DE TROUBLES DU METABOLISME DU FER FAISANT APPEL A TROIS PARAMETRES INDEPENDANTS ET RECOMMANDATIONS DE TRAITEMENT DESDITS TROUBLES
[72] LEHMANN, PAUL, DE
[72] RODDIGER, RALF, DE
[72] THOMAS, LOTHAR, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2004-03-08
[86] 2002-09-12 (PCT/EP2002/010250)
[87] 2003-03-27 (WO2003/025583)
[30] US (60/322,526) 2001-09-14

[21] 2,460,000
[13] A1

[51] Int.Cl. 7C12N 9/99
[25] EN
[54] INHIBITORS OF GLYCOGEN SYNTHASE KINASE-3 (GSK-3) FOR TREATING GLAUCOMA
[54] INHIBITEURS DE LA GLYCOGENE SYNTHASE KINASE-3 (GSK-3) POUR LE TRAITEMENT DU GLAUCOME
[72] WANG, WAN-HENG, US
[72] MCNATT, LORETTA GRAVES, US
[72] HELLBERG, MARK R., US
[72] HELLBERG, PEGGY ELIZABETH, US
[72] PANG, IOK-HOU, US
[72] CLARK, ABBOT F., US
[71] ALCON, INC., CH
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[87] 2003-04-03 (WO2003/027275)
[30] US (60/325,390) 2001-09-27

[21] 2,460,001
[13] A1

[51] Int.Cl. 7G01N 33/53 7G01N 33/569
7G01N 33/68
[25] EN
[54] DIAGNOSTIC ASSAY
[54] DOSAGE DIAGNOSTIQUE
[72] DOS REMEDIOS, CRISTOBAL GUILLERMO, AU
[72] CHRISTOPHERSON, RICHARD IAN, AU
[72] CELERMAJER, DAVID STEPHEN, AU
[71] UNIVERSITY OF SYDNEY, AU
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[87] 2002-03-21 (WO2002/023191)

[21] 2,460,072
[13] A1

[51] Int.Cl. 7G01N 33/543 7C12Q 1/68
[25] EN
[54] MULTI-ANALYTE ASSAY DEVICE WITH MULTI-SPOT DETECTION ZONE
[54] DISPOSITIF DE TEST MULTI-ANALYTES A ZONE DE DETECTION MULTIPUNKTS
[72] MENDEL-HARTVIG, IB, SE
[72] BJORKMAN, RUNE, SE
[72] RUNDSTROM, GERD, SE
[71] PHARMACIA DIAGNOSTICS AB, SE
[85] 2004-03-09
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[87] 2003-03-27 (WO2003/025573)
[30] SE (0103072-5) 2001-09-17
[30] US (60/322,616) 2001-09-17

[21] 2,460,073
[13] A1

[51] Int.Cl. 7G01N 33/543 7G01N 33/52
[25] EN
[54] EMBOSSED TEST STRIP SYSTEM
[54] SYSTEME DE BANDE D'ESSAI A RELIEF
[72] PEREZ, EDWARD P., US
[72] DOUGLAS, JOEL S., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2004-03-09
[86] 2002-09-17 (PCT/US2002/029327)
[87] 2003-03-27 (WO2003/025574)
[30] US (60/323,426) 2001-09-17
[30] US (10/217,337) 2002-08-12

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7C12N 15/86 7C12N 15/861 7C12N 15/87
[25] EN
[54] SITE-SPECIFIC RECOMBINASE
BASED METHOD FOR PRODUCING
ADENOVIRAL VECTORS
[54] PROCEDE DE PRODUCTEUR DDE
VECTEURS ADENOVIRaux
S'APPUYANT SUR UNE
RECOMBINASE SPECIFIQUE D'UN
SITE
[72] FARMER, ANDREW ALAN, US
[71] CLONTECH LABORATORIES, INC.,
US
[85] 2004-03-10
[86] 2002-09-17 (PCT/US2002/029510)
[87] 2003-03-27 (WO2003/025161)
[30] US (60/323,536) 2001-09-18

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[13] A1

[51] Int.Cl. 7G01N 33/543
[25] EN
[54] METHOD AND APPARATUS FOR
ASSAY BASED ON LIGHT
DIFFRACTION
[54] METHODE ET APPAREIL
D'ANALYSE REPOSANT SUR LA
DIFFRACTION DE LUMIERE
[72] MCALONEY, RICHARD, CA
[72] GOH, CYNTHIA M., CA
[72] LOO, RICHARD, CA
[72] GOH, JANE B., CA
[71] AXELA BIOSENSORS INC., CA
[85] 2004-03-10
[86] 2002-09-13 (PCT/CA2002/001395)
[87] 2003-03-20 (WO2003/023400)
[30] US (60/318,624) 2001-09-13

[21] **2,460,283**
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C07B 61/00
[25] EN
[54] THERAPEUTICS AND
DIAGNOSTICS FOR DISORDERS OF
ERYTHROPOIESIS
[54] SOLUTIONS THERAPEUTIQUES
ET DIAGNOSTIQUES POUR LES
TROUBLES DE L'ERYTHROPOIESE
[72] ZENKE, MARTIN, DE
[72] LEMKE, BRITT, DE
[72] ZAGOURAS, PANAYIOTIS, GR
[72] BRISSETTE, WILLIAM H., US
[72] NEOTE, KULDEEP S., CA
[72] HACKER, CHRISTINE, DE
[71] PFIZER PRODUCTS INC., US
[71] MAX-DELBRUCK-CENTRE FOR
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[87] 2003-05-08 (WO2003/038130)
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[30] US (60/335,183) 2001-11-02

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[13] A1

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[25] EN
[54] METHODS OF TREATING LIVER
FIBROSIS AND HEPATITIS C VIRUS
INFECTION
[54] PROCEDES DE TRAITEMENT DE
LA FIBROSE HEPATIQUE ET DE
L'INFECTION PAR LE VIRUS DE
L'HEPATITE C
[72] HSU, HENRY H., US
[71] INTERMUNE, INC., US
[85] 2004-03-17
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[87] 2003-04-17 (WO2003/030613)
[30] US (60/327,743) 2001-10-05

[21] **2,460,381**
[13] A1

[51] Int.Cl. 7H04B 7/00 7H04Q 7/20
7H04B 7/26
[25] EN
[54] METHOD AND APPARATUS FOR
INTERURBAN DISPATCH GROUP
CALLING
[54] PROCEDE ET APPAREIL D'APPEL
DE GROUPE A DISTRIBUTION
INTERURBAINE
[72] WOLF, TRACY L., US
[72] DROZT, PETER M., US
[72] ERICKSON, PAUL M., US
[72] FELDERMAN, WILLIAM A., SR., US
[71] MOTOROLA INC., US
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[86] 2003-05-05 (PCT/US2003/013901)
[87] 2003-12-31 (WO2004/002005)
[30] US (10/177,954) 2002-06-21

[21] **2,460,300**
[13] A1

[51] Int.Cl. 7C07K 7/06 7A61K 38/04
[25] EN
[54] ORGANIC COMPOUNDS WITH
BIOLOGICAL ACTIVITY AS
THROMBIN INHIBITORS AND USE
THEREOF
[54] COMPOSES ORGANIQUES A
ACTIVITE BIOLOGIQUE UTILISES
COMME INHIBITEURS DE
THROMBINE ET LEUR UTILISATION
[72] THUERK, MARCEL, DE
[71] NOVEL SCIENCE INTERNATIONAL
GMBH, DE
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[86] 2002-09-10 (PCT/EP2002/010137)
[87] 2003-03-20 (WO2003/022873)
[30] DE (101 44 340.4) 2001-09-10
[30] DE (101 46 632.3) 2001-09-21
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[30] DE (101 56 995.5) 2001-11-21
[30] DE (102 00 666.0) 2002-01-10

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[25] EN
[54] ACRYLIC RESIN COMPOSITION,
ORGANOSILOXANE RESIN
COMPOSITION AND LAMINATE
COMPRISING THE SAME
[54] COMPOSITION DE RESINE
ACRYLIQUE, COMPOSITION DE
RESINE SILICONE ET STRATIFIEES
FABRIQUES A L'AIDE DE CES
COMPOSITIONS
[72] IMANAKA, YOSHIHIKO, JP
[72] KITA, TOSHIO, JP
[72] SOGOU, ISAO, JP
[72] KAJIWARA, SHUNSUKE, JP
[72] NIIMI, RYOU, JP
[72] EKINAKA, TATSUYA, JP
[72] SUGA, TAKEHIRO, JP
[71] TEIJIN CHEMICALS, LTD., JP
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[87] 2003-12-31 (WO2004/000551)
[30] JP (2002-181142) 2002-06-21
[30] JP (2002-184229) 2002-06-25
[30] JP (2002-187969) 2002-06-27

[21] 2,460,476
[13] A1

[51] Int.Cl. 7C07H 21/04 7C12N 9/00
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[25] EN
[54] PROTEIN MODIFICATION AND
MAINTENANCE MOLECULES
[54] MOLECULES PROTEIQUES DE
MODIFICATION ET D'ENTRETIEN
[72] KABLE, AMY E., US
[72] JIN, PEI, US
[72] LEE, ERNESTINE A., US
[72] BECHA, SHANYA, US
[72] DUGGAN, BRENDAN M., US
[72] RICHARDSON, THOMAS W., US
[72] BHATIA, UMESH, US
[72] CHIEN, DAVID, US
[72] MARQUIS, JOSEPH P., US
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[72] TANG, Y. TOM, US
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[72] BURRILL, JOHN C., US
[72] ZHENG, WENJIN, US
[72] SPRAGUE, WILLIAM W., US
[72] RAMKUMAR, JAYALAXMI, US
[72] YANG, JUNMING, US
[72] HO, ANNE, US
[72] LEHR-MASON, PATRICIA M., US
[72] YAO, MONIQUE G., US
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[72] LEE, SOO YEUN, US
[72] GRIFFIN, JENNIFER A., US
[72] GORVAD, ANN E., US
[72] YUE, HENRY, US
[72] BAUGHN, MARIAH R., US
[72] TRAN, UYEN K., US
[71] INCYTE GENOMICS, INC., US
[85] 2004-03-15
[86] 2002-10-11 (PCT/US2002/032850)
[87] 2003-04-17 (WO2003/031939)
[30] US (60/329,689) 2001-10-12
[30] US (60/335,703) 2001-10-25
[30] US (60/348,887) 2001-11-09
[30] US (60/334,145) 2001-11-28
[30] US (60/337,451) 2001-12-06
[30] US (60/340,584) 2001-12-14

[21] 2,460,480
[13] A1

[51] Int.Cl. 7C07K 14/00
[25] EN
[54] MOLECULES FOR DISEASE
DETECTION AND TREATMENT
[54] MOLECULES DESTINEES A LA
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[72] TRAN, BAO, US
[72] LINDQUIST, ERIKA A., US
[72] HAFALIA, APRIL J. A., US
[72] YUE, HENRY, US
[72] WARREN, BRIDGET A., US
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[72] GURURAJAN, RAJAGOPAL, US
[72] FORSYTHE, IAN J., CA
[72] TANG, Y. TOM, US
[72] KABLE, AMY E., US
[72] CHAWLA, NARINDER K., US
[72] THANGAVELU, KAVITHA, US
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[72] LAL, PREETI G., US
[72] LEE, SOO YEUN, US
[72] SWARNAKAR, ANITA, US
[72] GRIFFIN, JENNIFER A., US
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[72] LEE, ERNESTINE A., US
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[72] ISON, CRAIG H., US
[72] MARQUIS, JOSEPH P., US
[72] RAMKUMAR, JAYALAXMI, US
[72] SPRAGUE, WILLIAM W., US
[71] INCYTE GENOMICS, INC., US
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[87] 2003-04-17 (WO2003/031595)
[30] US (60/328,944) 2001-10-12
[30] US (60/345,384) 2001-10-26
[30] US (60/343,880) 2001-11-02
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[72] KERN, MARTIN, US
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[54] COMPOSES D'INDIAZOLE SUBSTITUES DESTINES AU TRAITEMENT DE L'INFLAMMATION
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[25] EN
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[54] PROCEDE DE TRAITEMENT DE L'INFECTION PAR LE VIRUS DE L'HEPATITE AU MOYEN D'UN PROFIL DE DIFFUSION D'INTERFERON MULTIPHASIQUE
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[54] USE OF PEPTIDES COMPRISING POST-TRANSLATIONAL MODIFICATIONS IN THE TREATMENT OF AUTOIMMUNE PATHOLOGIES
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[72] MULLER, SYLVIANE, FR
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[54] USE OF GRAM-NEGATIVE BACTERIAL MEMBRANE FRACTION FOR INDUCING THE MATURATION OF DENDRITIC CELLS
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[25] EN
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[72] ASCULAI, SAMUEL SIMON, CA
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[72] EDWARDS, ALED, CA
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[25] EN
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[54] GENES DE GLYCEROL-3-PHOSPHATE ACYLTRANSFERASE A BASE DE RE CYTOSOLIQUE DANS LES SPERMATOPHYTES
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[86] 2002-09-23 (PCT/CA2002/001445)
[87] 2003-03-27 (WO2003/025165)
[30] US (60/323,711) 2001-09-21

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[54] VACCINS
[72] BEATON, ANDREW, GB
[72] VAN WELY, CATHERINE ANN, GB
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[30] GB (0129604.5) 2001-12-11
[30] GB (0206462.4) 2002-03-19

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[72] ONG, ENG KOK, AU
[72] SPANGENBERG, GERMAN, AU
[72] SAWBRIDGE, TIMOTHY IVOR, AU
[71] AGRICULTURE VICTORIA SERVICES PTY LTD., AU
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[30] AU (PR 8113) 2001-10-05

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[54] POPULATIONS CELLULAIRES QUI CO-EXPRIMENT CD49C ET CD90
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[30] US (09/960,244 (CIP)) 2001-09-21

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[25] EN
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[54] PROCEDE
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[72] MANFREDI, ANGELO, IT
[71] FONDAZIONE CENTRO SAN RAFFAELE DEL MONTE TABOR, IT
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[25] EN
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[54] COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE PATHOLOGIES CHEZ DES MAMMIFERES NON HUMAINS
[72] HILBERG, FRANK, AT
[72] BRANDSTETTER, IRIS, AT
[72] VAN MEEL, JACOBUS, AT
[72] BETTE, PETER, DE
[72] KLEEMANN, RAINER, DE
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[72] MIZUTANI, SHUKI, JP
[71] SONY CORPORATION, JP
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[30] JP (2001-292206) 2001-09-25

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[25] EN
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[54] CONJUGUES D'ANALOGUES DE SOMATOSTATINE OU DE BOMBESINE A VOCATION DIAGNOSTIQUE OU THERAPEUTIQUE, ET UTILISATIONS CORRESPONDANTES
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[72] SUN, LICHUN, US
[72] COY, DAVID H., US
[72] FUSELIER, JOSEPH A., US
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
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[25] EN
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[54] CELLULES SOUCHE TOTIPOTENTES PROVENANT DES TISSUS INTESTINAUX DE MUSCLE SQUELETTIQUE
[72] ANDO, KIYOSHI, JP
[72] TAMAKI, TETSURO, JP
[72] AKATSUKA, AKIRA, JP
[72] HOTTA, TOMOMITSU, JP
[72] NAKAMURA, YOSHIHIKO, JP
[72] SAKURADA, KAZUHIRO, JP
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[25] EN
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[54] FEUILLE ABSORBANTE SOUPLE
[72] HORENZIAK, STEVEN ANTHONY, US
[72] OSTENDORF, WARD WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[87] 2003-04-03 (WO2003/027391)
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[71] HONEYWELL INTERNATIONAL INC., US
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[25] EN
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[54] DERIVES 1,8-NAPHTHYRIDINE UTILISES COMME ANTIDIABETIQUES
[72] LI, TINDY, US
[72] GUNN, DAVID E., US
[72] MULL, ERIC S., US
[72] WANG, YAMIN, US
[72] WOOD, JILL E., US
[72] QI, NING, US
[72] LIANG, SIDNEY X., US
[72] MAGNUSON, STEVEN R., US
[72] LIU, DONGLEI, US
[72] BULLOCK, WILLIAM H., US
[72] LIU, QINGJIE, US
[71] BAYER PHARMACEUTICALS CORPORATION, US
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[13] A1

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[25] EN
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[54] PROCEDE DE PRODUCTION D'UNE BANQUE DE GENES NORMALISEE A PARTIR D'EXTRAITS D'ACIDES NUCLEIQUES PROVENANT D'ECHANTILLONS DE SOL ET SON UTILISATION
[72] HAUER, BERNHARD, DE
[72] BUTA, CHRISTIANE, DE
[72] KAUFFMANN, ISABELLE, DE
[72] MATUSCHEK, MARKUS, DE
[72] ZIPPER, HUBERT, DE
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[30] DE (101 46 572.6) 2001-09-21

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[25] EN
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[54] KERATINOCYTES POUVANT ETRE UTILISE COMME SUBSTANCE BIOLOGIQUEMENT ACTIVE DANS LE TRAITEMENT DE PLAIES
[72] EBERHARDT, PETRA, DE
[72] NOE, WOLFGANG, US
[72] REIF, KATHARINA, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
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[13] A1

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[25] EN
[54] PREPARATION AND USE OF 1,5,6,7-TETRAHYDROPYRROL[3,2-C]PYRIDINE DERIVATIVES FOR TREATMENT OF OBESITY
[54] PREPARATION ET UTILISATION DE DERIVES DE LA 1,5,6,7-TETRAHYDROPYRROL[3,2-C]PYRIDINE POUR LE TRAITEMENT DE L'OBESITE
[72] O'CONNOR, STEPHEN J., US
[72] WONG, WAI C., US
[72] SMITH, ROGER A., US
[72] ZHANG, ZHONGHUA, US
[72] LAVOIE, RICO C., US
[72] FAN, JIANMEI, US
[72] PODLOGAR, BRENT L., US
[72] CHOI, SOONGYU, US
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[71] BAYER PHARMACEUTICALS CORPORATION, US
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[25] EN
[54] PREPARATION AND USE OF PYRROLE DERIVATIVES FOR TREATING OBESITY
[54] PREPARATION ET UTILISATION DE DERIVES DU PYRROLE TRAITANT L'OBESITE
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[72] FAN, JIANMEI, US
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[54] SOUCHES VIVANTES ATTENUEES DE SALMONELLA PERMETTANT DE PRODUIRE DES VACCINS MONOVALENTS OU MULTIVALENTS
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[72] VLADOIEANU, ION R., CH
[71] GENTIANE RESEARCH AG, CH
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[25] EN
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[54] ETIQUETTE AMELIOREE POUR PILES ENVELOPPEES EXTENSIBLES
[72] SCHMELZER, WINFRIED, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-03-22
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[87] 2003-04-03 (WO2003/027765)
[30] EP (01123429.1) 2001-09-28

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[13] A1

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[25] EN
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[54] ANALYSE A HAUT DEBIT DU TRANSCRIPTOME ET DE LA VALIDATION DE FONCTION
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[72] GAN, LI, US
[72] GONZALEZ-ZULUETA, MIRELLA, US
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[25] EN
[54] PROTEIN BASED TNF-ALPHA VARIANTS FOR THE TREATMENT OF TNF-ALPHA RELATED DISORDERS
[54] PROTEINE A BASE DE VARIANTS DE TNF-ALPHA POUR LE TRAITEMENT DE TROUBLES ASSOCIES AU TNF-ALPHA
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[72] TANSEY, MALU, US
[72] MUCHHAL, UMESH, US
[72] DESJARLAIS, JOHN R., US
[72] DAHIYAT, BASSIL I., US
[72] FILIKOV, ANTON, US
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[25] EN
[54] NOVEL SCREENING METHOD USING PROKINETICIN RECEPTOR
[54] NOUVELLE METHODE DE CRIBLAGE AU MOYEN DU RECEPTEUR DE PROKINETICINE
[72] TAKASAKI, JUN, JP
[72] SAITO, TETSU, JP
[72] HIYAMA, HIDEKI, JP
[72] SOGA, TAKATOSHI, JP
[72] KAMOHARA, MASAZUMI, JP
[72] MATSUMOTO, SHUNICHIRO, JP
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[72] AMEDURE, MICHAEL E., US
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7C12N 9/04 7C12N 1/21
[25] EN
[54] NOVEL FORMATE DEHYDROGENASE TOLERANT TO HALOGEN COMPOUNDS AND PROCESS FOR PRODUCING THE SAME
[54] NOUVELLE FORMIATE DESHYDROGENASE TOLERANTE AUX COMPOSES HALOGENES ET SON PROCEDE DE PRODUCTION
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[72] TAKAOKA, YASUKO, JP
[71] KANEKA CORPORATION, JP
[85] 2004-03-22
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[25] EN
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AND CONSULTATION
[54] SYSTEMES, METHODES ET KITS
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[72] SCHULDT, ROBERT, US
[72] MCGLENNEN, RONALD C., US
[72] HOLMES, SABINE, US
[72] JOHNSON, TIMOTHY, US
[72] WILLIAMSON, NAOMI M., US
[72] FRANKS, AARON, US
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[54] APO-2 LIGAND VARIANTS AND
USES THEREOF
[54] VARIANTES DE LIGANDS APO-2 ET
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[72] LINDSTROM, STEPHANIE H., US
[71] GENENTECH, INC., US
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[30] US (60/326,622) 2001-10-02

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[54] SEQUENCES D'ADN DESTINEES
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[72] GAMBLE, JENNIFER RUTH, AU
[72] HAHN, CHRISTOPHER NORMAN,
AU
[71] BIONOMICS LIMITED, AU
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[87] 2003-04-03 (WO2003/027285)
[30] AU (PR 7973) 2001-09-27
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[30] AU (PR 8210) 2001-10-11
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[30] AU (2002951032) 2002-08-28

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[25] EN
[54] NUCLEIC ACIDS FOR THE
IDENTIFICATION OF FUNGI AND
METHODS FOR USING THE SAME
[54] ACIDES NUCLEIQUES UTILISES
DANS L'IDENTIFICATION DE
CHAMPIGNONS ET LEURS PROCEDES
D'UTILISATION
[72] MORRISON, CHRISTINE J., US
[72] CHOI, JONG S., KR
[72] QIN, ZHENYU, US
[72] LINDSLEY, MARK D., US
[71] THE GOVERNMENT OF THE
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REPRESENTED BY THE SECRETARY OF
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HUMAN SERVICES, CENTERS FOR DISEASE
CONTROL AND PREVENTION, US
[85] 2004-03-19
[86] 2002-09-25 (PCT/US2002/030605)
[87] 2003-04-03 (WO2003/027329)
[30] US (60/325,241) 2001-09-26

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[25] EN
[54] HEPATITIS C VIRUS VACCINE
[54] VACCIN CONTRE LE VIRUS DE
L'HEPATITE C
[72] SHIVER, JOHN W., US
[72] BETT, ANDREW J., US
[72] EMINI, EMILIO A., US
[72] KASLOW, DAVID C., US
[72] COLLOCA, STEFANO, IT
[72] CORTESE, RICCARDO, IT
[72] LUZZAGO, ALESSANDRA, IT
[72] NICOSIA, ALFREDO, IT
[72] LAHM, ARMIN, IT
[71] MERCK & CO., INC., US
[71] ISTITUTO DI RICERCHE DI
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[25] FR
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CYCLODEXTRINES
[54] MATERIAL CONSISTING OF AT
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[72] GREF, RUXANDRA, FR
[71] CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE (C.N.R.S.),
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[87] 2003-04-03 (WO2003/027169)
[30] FR (01/12456) 2001-09-27

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[13] A1

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[25] EN
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[54] PEPTIDES ET COMPOSES APPARENTES AYANT UNE ACTIVITE THROMBOPOIETIQUE
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[72] HARTLEY, CYNTHIA, US
[72] SITNEY, KAREN C., US
[71] AMGEN, INC., US
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[87] 2003-04-17 (WO2003/031589)
[30] US (60/328,666) 2001-10-11
[30] US (10/269,806) 2002-10-10

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[13] A1

[51] Int.Cl. 7H02G 3/14
[25] EN
[54] ADAPTER FOR MOUNTING A FACEPLATE OF A FIRST STYLE ON TO AN ELECTRICAL OUTLET CAVITY OF A SECOND STYLE
[54] ADAPTATEUR POUR LE MONTAGE D'UN PREMIER MODELE DE COUVERCLE SUR UN SECONDE MODELE DE CAVITE DE PRISE DE COURANT
[72] BINDER, YEHUDA, IL
[72] HAZANI, AMI, IL
[71] SERCONET LTD., IL
[85] 2004-03-23
[86] 2001-09-25 (PCT/IL2001/000896)
[87] 2003-04-03 (WO2003/028181)

[21] 2,461,432
[13] A1

[51] Int.Cl. 7C09B 5/14
[25] EN
[54] NOVEL ANTHRACYRIDONE COMPOUNDS, WATER-BASE MAGENTA INK COMPOSITIONS, AND INK-JET RECORDING PROCESS
[54] NOUVEAUX COMPOSES ANTHRACYRIDONE, COMPOSITIONS D'ENCRE MAGENTA A BASE D'EAU, ET PROCEDE D'IMPRESSION A JET D'ENCRE
[72] MATSUMOTO, HIROYUKI, JP
[72] FUJII, TAKAFUMI, JP
[72] SHIRASAKI, YASUO, JP
[72] FUJII, KATSUNORI, JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP
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[87] 2003-04-03 (WO2003/027185)
[30] JP (2001/292853) 2001-09-26

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[13] A1

[51] Int.Cl. 7B21D 51/38
[25] EN
[54] METHOD OF MANUFACTURING DESIGN TAB END USING PILOT HOLE OF TAB COIL
[54] PROCEDE DE FABRICATION D'EXTREMITE DE LANGUETTE A DESSIN AU MOYEN D'UN AVANT-TROU D'UNE BOBINE A LANGUETTE
[72] LEE, DO HEE, KR
[71] C-SOLUTION INC., KR
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[86] 2002-09-25 (PCT/KR2002/001805)
[87] 2003-05-22 (WO2003/041891)
[30] KR (2001-59438) 2001-09-25

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[51] Int.Cl. 7H01H 31/02 7H01H 31/04
[25] EN
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[54] ANALYSEUR DE CABLAGE AUTOMATIQUE (AWA) INTELLIGENT
[72] TEICH, STANLEY, US
[71] NORTHROP GRUMMAN CORPORATION, US
[85] 2004-03-23
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[87] 2003-04-03 (WO2003/028057)
[30] US (09/964,248) 2001-09-26

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[13] A1

[51] Int.Cl. 7G01R 33/563
[25] EN
[54] MAGNETIC RESONANCE ANGIOGRAPHY USING FLOATING TABLE PROJECTION IMAGING
[54] ANGIOGRAPHIE PAR RESONANCE MAGNETIQUE A IMAGERIE PAR PROJECTION DE TABLE FLOTTANTE

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[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[87] 2003-04-03 (WO2003/027701)
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[13] A1

[51] Int.Cl. 7G01N 29/02 7G01F 1/66
[25] EN
[54] FLUID DENSITY MEASUREMENT IN PIPES USING ACOUSTIC PRESSURES
[54] MESURE DE LA DENSITE DE FLUIDES DANS DES TUBES AU MOYEN DE PRESSIONS ACOUSTIQUES
[72] GYSLING, DANIEL, US
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[30] US (10/010,183) 2001-11-07

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[25] EN
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[54] PROCEDE ET APPAREIL PERMETTANT DE MESURER LE RENDEMENT DE DIFFERENTES ROUTES DE RESEAU ENTRE DES DISPOSITIFS
[72] GRIB, TIMOTHY E., US
[72] BROWN, MICHAEL, US
[71] WITTEL COMMUNICATIONS GROUP, INC., US
[85] 2004-03-23
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[87] 2003-04-03 (WO2003/027883)
[30] US (09/964,232) 2001-09-26

[21] 2,461,455
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[25] FR
[54] PARTIE FEMORALE DE PROTHESE DE HANCHE, JEU DE TELLES PARTIES FEMORALES, ET PROCEDES DE FABRICATION DE CETTE PARTIE FEMORALE ET DE CE JEU DE PARTIE FEMORALE
[54] FEMORAL HIP PROSTHESIS PART, A SET OF SUCH FEMORAL PARTS AND THE PRODUCTION METHOD THEREOF
[72] LAURENT-RENAUD, NATHALIE, FR
[72] PICON, JEAN-PHILIPPE, FR
[72] MORETTON, JEAN-CLAUDE, FR
[72] ROCHEREAU, PATRICE, FR
[72] BESSE, JEAN-PIERRE, FR
[72] BADATCHEFF, FRANCOIS, FR
[72] THUMLER, PETER, DE
[72] POITOUT, DOMINIQUE, FR
[71] DEPUY FRANCE, FR
[71] MORETTON, JEAN-CLAUDE, FR
[71] ROCHEREAU, PATRICE, FR
[71] BESSE, JEAN-PIERRE, FR
[71] BADATCHEFF, FRANCOIS, FR
[71] THUMLER, PETER, DE
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[87] 2003-04-10 (WO2003/028594)
[30] FR (01/12552) 2001-09-28

[21] 2,461,462
[13] A1

[51] Int.Cl. 7A61K 7/48 7A61K 7/06
[25] FR
[54] COMPOSITION COSMETIQUE POUR LE SOIN DE LA PEAU ET DES CHEVEUX DE L'HOMME
[54] COSMETIC COMPOSITION FOR HUMAN SKIN AND HAIR CARE
[72] COURTIN, OLIVIER, FR
[71] LABORATOIRES CLARINS, FR
[85] 2004-03-24
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[87] 2003-04-03 (WO2003/026605)
[30] FR (01/12270) 2001-09-24

[21] 2,461,464
[13] A1

[51] Int.Cl. 7A61M 1/16
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[54] CONTENANT DESTINE A ETRE UTILISE EN DIALYSE
[72] DUMON D'AYOT, FRANCOIS, FR
[72] LAFFAY, PHILIPPE, FR
[72] GRAF, THOMAS, FR
[72] DUPIN, THIERRY, FR
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[30] DE (101 52 105.7) 2001-10-23

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7G01N 33/53 7G01N 33/577
[25] EN
[54] ANTIBODY AND USE THEREOF
[54] ANTICORPS ET SON UTILISATION
[72] MATSUMOTO, HIROKAZU, JP
[72] KITADA, CHIEKO, JP
[72] OHTAKI, TETSUYA, JP
[72] HORIKOSHI, YASUKO, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2004-03-24
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[21] 2,461,477
[13] A1

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[25] EN
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[54] OLIGONUCLEOTIDES ANTISENS ET METHODES PERMETTANT D'INDUIRE LA MORT DE CELLULES TUMORALES
[72] MANI, SRIDHAR, US
[72] KANDIMALLA, EKAMBAR M., US
[72] AGRAWAL, SUDHIR, US
[72] SHAFIT-ZAGARDO, BRIDGET, US
[72] SHANKAR, SAI LATHA, US
[71] HYBRIDON, INC., US
[85] 2004-03-23
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[87] 2003-04-03 (WO2003/027244)
[30] US (60/324,401) 2001-09-24

[21] 2,461,481
[13] A1

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7G01N 33/53 7G01N 33/573
[25] EN
[54] PTP1B INHIBITORS AND LIGANDS
[54] INHIBITEURS ET LIGANDS DE PTP1B
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[72] LAWRENCE, DAVID S., US
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[13] A1

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[25] EN
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ALPHA2-GLYCOLPROTEIN AND
THEIR USE IN METHODS OF
TREATMENT OF OBESITY
[54] POLYNUCLEOTIDES ET
POLYPETIDES GZIP ET LEURS
UTILISATIONS
[72] GUERASSIMENKO, OXANA, FR
[72] CHUMAKOV, ILYA, FR
[71] GENSET S.A., FR
[85] 2004-04-05
[86] 2002-10-03 (PCT/IB2002/004598)
[87] 2003-06-19 (WO2003/050281)
[30] US (60/327,725) 2001-10-05

[21] 2,461,506
[13] A1

[51] Int.Cl. 7G01N 33/46 7G01N 29/04
7G01N 29/14
[25] FR
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DETECTION DE DEFAUTS DANS UN
PRODUIT EN BOIS OU A BASE DE BOIS
A PARTIR DE SA SIGNATURE
ACOUSTIQUE
[54] DEVICE AND METHOD FOR
DETECTING DEFECTS IN A WOOD OR
WOOD-BASED PRODUCT FROM ITS
ACOUSTIC SIGNATURE
[72] LANVIN, JEAN-DENIS, FR
[72] GRENIER, DAVID, FR
[72] KRONLAND-MARTINET, RICHARD,
FR
[72] CALCHERA, GILLES, FR
[72] GUILLEMAIN, PHILIPPE, FR
[72] BRANCHERIAU, LOIC, FR
[72] BAILLERES, HENRI, FR
[71] CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE-CNRS, FR
[71] CENTRE TECHNIQUE DU BOIS ET
DE L'AMEUBLEMENT, FR
[71] CENTRE DE COOPERATION
INTERNATIONAL EN RECHERCHE
AGRONOMIQUE POUR LE DEV
ELOPPEMENT - C.I.R.A.D., FR
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[87] 2003-04-03 (WO2003/027670)
[30] FR (01/12338) 2001-09-25

[21] 2,461,526
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C07H 19/00
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[25] EN
[54] APTAMERS CONTAINING
SEQUENCES OF NUCLEIC ACIDS OR
NUCLEIC ACID ANALOGUES BOUND
HOMOLOGOUSLY, OR IN NOVEL
COMPLEXES
[54] APTAMERES CONTENANT DES
SEQUENCES D'ACIDES NUCLEIQUES
OU D'ANALOGUES D'ACIDES
NUCLEIQUES LIEES DE MANIERE
HOMOGENE OU DANS DES
NOUVEAUX COMPLEXES
[72] ERIKSON, GLEN H., TC
[72] DAKSIS, JASMINE I., CA
[71] INGENEUS CORPORATION, BB
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[86] 2002-09-16 (PCT/IB2002/003827)
[87] 2003-04-03 (WO2003/027319)
[30] US (09/961,865) 2001-09-24

[21] 2,461,539
[13] A1

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7A61P 43/00 7A61P 25/14 7A61K 31/7048
[25] EN
[54] ANTICONVULSANT
DERIVATIVES USEFUL FOR THE
TREATMENT OF RESTLESS LIMB
SYNDROME AND PERIODIC LIMB
MOVEMENT DISORDER
[54] DERIVES ANTICONVULSIFS
UTILES DANS LE TRAITEMENT DU
SYNDROME DES MEMBRES SANS
REPOS ET DU MOUVEMENT
INVOLONTAIRE DES MEMBRES
[72] ABUZZAHAB, FARUK S., SR., US
[71] ORTHO-MCNEIL
PHARMACEUTICAL, INC., US
[85] 2004-03-24
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[87] 2003-04-03 (WO2003/026676)
[30] US (60/324,440) 2001-09-24
[30] US (10/000,000) 2002-09-23

[21] 2,461,529
[13] A1

[51] Int.Cl. 7C07K 16/18 7A61P 29/00
7A61P 19/02 7A61P 37/02 7C12N 5/10
7C12N 15/13 7A61K 39/395
[25] EN
[54] RECOMBINANT ANTI-
OSTEOPONTIN ANTIBODY AND USE
THEREOF
[54] ANTICORPS RECOMBINANT
ANTI-OSTEOPONTINE ET SON
UTILISATION
[72] TORIKAI, MASAHIRO, JP
[72] MAEDA, HIROAKI, JP
[72] KON, SHIGEYUKI, JP
[72] HIGUCHI, HIROFUMI, JP
[72] YAMAMOTO, NOBUCHIKA, JP
[72] UEDE, TOSHIMITSU, JP
[72] TOKIEDA, YOSHIYUKI, JP
[72] NAKASHIMA, TOSHIHIRO, JP
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LABORATORIES CO., LTD., JP
[71] FUJISAWA PHARMACEUTICAL
CO., LTD., JP
[85] 2004-03-24
[86] 2002-09-25 (PCT/JP2002/009868)
[87] 2003-04-03 (WO2003/027151)
[30] JP (2001-290700) 2001-09-25

[21] 2,461,542
[13] A1

[51] Int.Cl. 7A61K 31/00 7A61P 9/00
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[25] EN
[54] GAP JUNCTIONS AND
ENDOTHELIAL-DERIVED
HYPERPOLARIZING FACTOR (EDHF)
[54] JONCTIONS LACUNAIRES ET
EDHF
[72] TUDOR, MORLEY GRIFFITH, GB
[71] UNIVERSITY OF WALES COLLEGE
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[86] 2002-10-11 (PCT/GB2002/004644)
[87] 2003-04-24 (WO2003/032964)
[30] GB (0125055.4) 2001-10-17
[30] GB (0125040.6) 2001-10-17
[30] US (60/330,776) 2001-10-31

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[25] EN
[54] SPERM FACTOR SEQUENCES
[54] SEQUENCE DE FACTEUR
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[72] LAI, TONY, GB
[71] UNIVERSITY OF WALES COLLEGE
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[87] 2003-05-01 (WO2003/035678)
[30] GB (0125498.6) 2001-10-24
[30] GB (0214945.8) 2002-06-28

[21] 2,461,549
[13] A1

[51] Int.Cl. 7A61N 5/06
[25] EN
[54] LASER BEAM IRRADIATION
DEVICE
[54] DISPOSITIF D'IRRADIATION A
FAISCEAU LASER
[72] YAMAZAKI, KIMIYO, JP
[72] YAMAZAKI, IWAO, JP
[71] YA-MAN LTD., JP
[85] 2004-03-23
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[87] 2003-04-10 (WO2003/028807)
[30] JP (2001-303771) 2001-09-28

[21] 2,461,556
[13] A1

[51] Int.Cl. 7A61K 31/337 7A61P 31/00
7A61K 9/08 7A61K 9/14 7A61K 9/51
[25] EN
[54] COMPOSITIONS AND METHODS
FOR DELIVERY OF POORLY WATER
SOLUBLE DRUGS AND METHODS OF
TREATMENT
[54] COMPOSITIONS ET METHODES
D'ADMINISTRATION DE
MEDICAMENTS FAIBLEMENT
HYDROSOLUBLES ET METHODES DE
TRAITEMENT
[72] TERRANOVA, KATHERINE FERN,
US
[72] SUBRAMANIAM, BALA, US
[72] JONAS, JEFFREY M., US
[72] RAJEWSKI, ROGER A., US
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[87] 2003-04-24 (WO2003/032906)
[30] US (60/329,291) 2001-10-15

[21] 2,461,564
[13] A1

[51] Int.Cl. 7G11B 20/10
[25] EN
[54] METHOD AND APPARATUS FOR
RECORDING VIDEO DATA, AND
INFORMATION STORAGE MEDIUM
THEREBY
[54] PROCEDE ET APPAREIL
D'ENREGISTREMENT DE DONNEES
VIDEO ET SUPPORT DE STOCKAGE
D'INFORMATION CORRESPONDANT
[72] KO, JUNG-WAN, KR
[72] PARK, SUNG-WOOK, KR
[71] SAMSUNG ELECTRONICS CO.,
LTD., KR
[85] 2004-03-24
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[87] 2003-04-03 (WO2003/028028)
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[30] KR (2002/52287) 2002-08-31

[21] 2,461,575
[13] A1

[51] Int.Cl. 7A61K 39/385 7A61P 31/00
7A61P 35/00
[25] EN
[54] USE OF PEPTIDE VECTORS TO
IMPROVE THE IMMUNE RESPONSE
TO ANTIGENS
[54] UTILISATION DE VECTEURS
PEPTIDIQUES AFIN D'AMELIORER
LA REPONSE IMMUNITAIRE AUX
ANTIGENES
[72] TEMSAMANI, JAMAL, FR
[72] HAMILTON DAY, FIONA, US
[72] JOHNSON, MARK ELLIOTT, US
[72] KACZOREK, MICHEL, FR
[71] SYNT:EM S.A., FR
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[87] 2003-04-24 (WO2003/033021)
[30] EP (01402671.0) 2001-10-16

[21] 2,461,606
[13] A1

[51] Int.Cl. 7A01K 67/027 7A61K 45/00
7A61P 3/10 7G01N 33/15 7G01N 33/50
[25] EN
[54] NONHUMAN MAMMAL MODEL
OF AUTOIMMUNE DISEASE HAVING
OX40L GENE TRANSFERRED
THEREINTO
[54] MODELE MAMMIFERE NON
HUMAIN DE MALADIE AUTO-
IMMUNE POSSEDDANT UN GENE
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[72] MURATA, KAZUKO, JP
[72] SUGAMURA, KAZUO, JP
[71] JAPAN SCIENCE AND
TECHNOLOGY AGENCY, JP
[85] 2004-03-25
[86] 2002-07-29 (PCT/JP2002/007674)
[87] 2003-04-10 (WO2003/028444)
[30] JP (2001-304645) 2001-09-28

[21] 2,461,611
[13] A1

[51] Int.Cl. 7C12M 3/00 7C12N 13/00
7C12N 1/18 7G01N 33/48
[25] EN
[54] OPTOINJECTION METHODS
[54] PROCEDES D'OPTO-INJECTION
[72] EISFELD, TIMOTHY M., US
[72] HANANIA, ELIE G., US
[72] KOLLER, MANFRED R., US
[72] PALSSON, BERNHARD O., US
[71] ONCOSIS LLC, US
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[87] 2003-04-03 (WO2003/027224)
[30] US (09/961,691) 2001-09-21

[21] 2,461,613
[13] A1

[51] Int.Cl. 7G07F 17/32 7G06F 19/00
[25] EN
[54] METHOD AND APPARATUS FOR
DIRECTING INFORMATION TO
PARTICULAR GAME PLAYERS
[54] PROCEDE ET APPAREIL POUR
ENVOYER DES INFORMATIONS A DES
JOUEURS SPECIFIQUES
[72] OBERBERGER, MIKE, US
[72] ROWE, RICK, US
[71] IGT, US
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[30] US (09/965,786) 2001-09-27

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[13] A1

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[25] EN
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MICRONUTRIENT SUBSTANCES
[54] MELANGE DE SUBSTANCES
MICRONUTRITIVES RENFERMANT
DES BASES
[72] FUCHS, NORBERT, AT
[72] KOESSLER, PETER, AT
[71] OKOPHARM FORSCHUNGS-UND
ENTWICKLUNGS GMBH, AT
[85] 2004-03-25
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[87] 2003-04-03 (WO2003/026444)
[30] AT (A 1534/2001) 2001-09-27

[21] **2,461,618**
[13] A1

[51] Int.Cl. 7A61K 9/107 7A61P 29/00
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7A61K 31/192 7A61K 47/22 7A61K 47/24
7A61K 47/26 7A61K 47/32 7A61K 47/38
[25] EN
[54] IBUPROFEN SALT EMULSIFIERS
AND CREAM FORMULATIONS
CONTAINING SAME
[54] EMULSIFIANTS A BASE DE SEL
D'IBUPROFENE ET FORMULATION
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CONTENANT
[72] KRAUSER, SCOTT F., US
[71] MACROCHEM CORPORATION, US
[85] 2004-03-25
[86] 2002-10-04 (PCT/US2002/031798)
[87] 2003-04-10 (WO2003/028702)
[30] US (60/326,718) 2001-10-04

[21] **2,461,622**
[13] A1

[51] Int.Cl. 7A61K 31/4184 7A61P 35/00
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12 7C07D 409/12 7C07D 401/14 7C07D
235/30 7C07D 235/32
[25] EN
[54] SUBSTITUTED BENZIMIDAZOLE
COMPOUNDS AND THEIR USE FOR
THE TREATMENT OF CANCER
[54] COMPOSES DE BENZIMIDAZOLE
SUBSTITUE ET UTILISATION DE
CEUX-CI POUR LE TRAITEMENT DU
CANCER
[72] ANGOUILANT-BONIFACE, ODILE,
FR
[72] CARREZ, CHANTAL, FR
[72] DEPRETS, STEPHANIE, FR
[72] ROESNER, MANFRED, DE
[72] DEPATY, ISABELLE, FR
[72] HAMY, FRANCOIS, FR
[72] CLERC, FRANCOIS, FR
[71] AVENTIS PHARMA S.A., DE
[85] 2004-03-25
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[87] 2003-04-10 (WO2003/028721)
[30] EP (01402460.8) 2001-09-26

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[13] A1

[51] Int.Cl. 7A61K 47/48 7A61K 7/02
7C09J 133/08 7C09J 133/10 7A61K 9/107
7A01N 59/12 7A61K 33/18 7A01N 25/24
7C09J 133/26 7A61K 47/32
[25] EN
[54] WATER-IN-OIL EMULSIONS
COMPRISING VINYL POLYMERS
CARRYING ETHYLENE
OXIDE GROUPS IN SIDE CHAINS,
COMPOSITIONS AND METHODS
[54] EMULSIONS D'HUILE DANS
L'EAU AVEC DES GROUPES D'OXYDE
D'ETHYLENE, COMPOSITIONS ET
PROCEDES ASSOCIES
[72] MALLO, RICHARD A., US
[72] LU, LING, US
[72] SCHOLZ, MATTHEW T., US
[72] MOSBEY, DERAL T., US
[72] EIAN, GILBERT L., US
[71] 3M INNOVATIVE PROPERTIES
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[85] 2004-03-25
[86] 2002-08-08 (PCT/US2002/025260)
[87] 2003-04-10 (WO2003/028767)
[30] US (09/966,511) 2001-09-28

[21] **2,461,626**
[13] A1

[51] Int.Cl. 7A47B 49/00 7A47F 3/00
[25] EN
[54] GAMING MACHINE TOP BOX
HAVING A DOOR
[54] CHASSIS SUPERIEUR DE
MACHINE DE JEU, PRESENTANT UNE
PORTE
[72] JOHNSON, RICHARD, US
[71] BALLY GAMING INTERNATIONAL,
INC., US
[85] 2004-03-25
[86] 2002-09-26 (PCT/US2002/030496)
[87] 2003-04-10 (WO2003/028817)
[30] US (09/966,776) 2001-09-28

[21] **2,461,627**
[13] A1

[51] Int.Cl. 7A61B 18/18
[25] EN
[54] APPARATUS AND METHOD FOR
CRYOSURGICAL TREATMENT OF
TUMORS OF THE BREAST
[54] APPAREIL ET PROCEDE DE
TRAITEMENT CRYOCHIRURGICAL
DE TUMEURS DU SEIN
[72] BARKAMA, RAVIT, IL
[72] SCHECHTER, DORIS, IL
[72] ZVULONI, RONI, IL
[72] AMIR, URI, IL
[71] GALIL MEDICAL LTD, IL
[85] 2004-03-25
[86] 2002-09-26 (PCT/IL2002/000792)
[87] 2003-04-03 (WO2003/026476)
[30] US (60/324,937) 2001-09-27

[21] **2,461,628**
[13] A1

[51] Int.Cl. 7A63F 13/00
[25] EN
[54] GAMING MACHINE HAVING A
VIDEO SCREEN MOUNTED TO A
DOOR
[54] MACHINE DE JEUX DE HASARD A
ECRAN VIDEO MONTE SUR UNE
PORTE
[72] MECCA, JOHN, US
[72] ROEMER, MICKEY, US
[72] ASKINS, CRAIG, US
[71] BALLY GAMING INTERNATIONAL,
INC., US
[85] 2004-03-25
[86] 2002-09-26 (PCT/US2002/030789)
[87] 2003-04-10 (WO2003/028829)
[30] US (09/967,413) 2001-09-28

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[13] A1

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[25] EN
[54] ORGANOLEPTICALLY ACCEPTABLE INTRAORALLY DISINTEGRATING COMPOSITIONS
[54] COMPOSITIONS A DESINTEGRATION ORALE, ACCEPTABLES SUR LE PLAN ORGANOLEPTIQUE
[72] LUDWIG, BLAKE C., US
[72] SHAH, UDAY J., US
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[72] JACKSON, DAVID, US
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[72] MORROW, JAMES, US
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[30] US (09/963,143) 2001-09-25

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[72] GLAVICH, PAULINA, US
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[72] RAY, EDDIE J., III, US
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[30] US (09/965,018) 2001-09-27

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[30] US (60/326,805) 2001-10-02

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[72] ISHIKAWA, NOBORU, JP
[72] KUSAKARI, ICHIRO, JP
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[54] APPAREIL DE MISE A NIVEAU ET PROCEDE CORRESPONDANT
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[72] NUDELMAN, ABRAHAM, IL
[72] REPHAEKI, ADA, IL
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[54] PROCEDE DE CINTRAGE DE TOLES DE TOIT METALLIQUE ET APPAREIL DE CINTRAGE
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[71] ORTIC AB, SE
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[71] STRATEGIC ENVIRONMENTAL TECHNOLOGIES LTD., TC
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[72] THOMAS, MARTIN, US
[72] MCNALLY, GERARD P., US
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[72] BUNICK, FRANK J., US
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[72] LEE, DER-YANG, US
[72] SOWDEN, HARRY S., US
[72] THOMAS, MARTIN, US
[72] WYNN, DAVID, US
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[21] 2,461,692
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[25] FR
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[54] USE OF A PROTEIN OF THE CRMP FAMILY FOR TREATING DISEASES RELATED TO THE IMMUNE SYSTEM
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[72] BELIN, MARIE-FRANCOISE, FR
[72] GIRAUDON, PASCALE, FR
[72] ANTOINE, JEAN-CHRISTOPHE, FR
[72] COLAS, PIERRE, FR
[72] HONNORAT, JEROME, FR
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[25] EN
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[54] FORME POSOLOGIQUE POUR TRAITER LE DIABETE SUCRE
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[54] RESISTANCE DE DETECTION THERMIQUE VARIABLE POUR COMPOSANT D'IMPRIMANTE REMPLACABLE
[72] DODD, SIMON, US
[71] HEWLETT-PACKARD COMPANY, US
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[72] TURNER, STEPHEN J., US
[72] BOREK, TANYA, US
[72] FEDERICI, CATHERINE, US
[72] HITE, MICHAEL P., US
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[54] APPAREIL D'EXPANSION TUBULAIRE ET PROCEDE ASSOCIE
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[72] SMITH, SIDNEY K., JR., US
[72] KARA, FATIH M., US
[72] TOM, ANDY, US
[72] CORONADO, MARTIN P., US
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[30] US (60/326,364) 2001-10-01

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[54] METHODE DE TRAITEMENT SIMULTANEE DE LA DEFICIENCE DU SEUIL AUDITIF SENSORIEL ET DE LA PSYCHOSE ASSOCIEE CHEZ DES PATIENTS SCHIZOPHRENES ET MANIACO-DEPRESSIFS
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[72] DAVIS, JOHN M., US
[72] TUETING, PATRICIA, US
[72] COSTA, ERMINIO, US
[72] GUIDOTTI, ALESSANDRO, US
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[71] NEWFREY LLC, US
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[87] 2003-04-10 (WO2003/029044)
[30] JP (2001-299161) 2001-09-28

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[54] DISPOSITIF POUR BATTRE LES CARTES A MESURE AUTOMATIQUE DE LA TAILLE DES CARTES
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[72] STASSON, JAMES B., US
[72] GRAUZER, ATTILA, US
[72] NELSON, TROY D., US
[72] SCHEPER, PAUL K., US
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[30] US (09/967,502) 2001-09-28
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[72] MATTSON, GARY E., US
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[30] US (09/970,316) 2001-10-03

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[25] EN
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[54] ELIMINATION D'ARSENIC D'UN SUPPORT AQUEUX AU MOYEN DE ZEOLITES TRAITÉES CHIMIQUEMENT
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[72] WILLIAMS, CHARLES S., US
[71] WATER REMEDIATION TECHNOLOGY LLC, US
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[87] 2003-04-03 (WO2003/026771)
[30] US (60/325,265) 2001-09-26
[30] US (10/255,364) 2002-09-25

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[54] TISSUS TRAITÉS AVEC UNE COMPOSITION ANTIMICROBIENNE
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[72] FOSTER, ROBERT T., CA
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[71] ISOTECHNIKA INC., CA
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[87] 2003-04-24 (WO2003/032949)
[30] US (60/346,201) 2001-10-19
[30] US (60/370,597) 2002-04-05

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[54] COMPOSITION
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[72] ARNERIC, STEPHEN P., US
[71] PHARMACIA AB, SE
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[86] 2002-09-26 (PCT/SE2002/001748)
[87] 2003-04-03 (WO2003/026564)
[30] US (09/965,556) 2001-09-27
[30] SE (0103858-7) 2001-11-20

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[51] Int.Cl. 7B02C 13/18
[25] EN
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[54] PLAQUE SUPPORT
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DECOUPEES AU LASER OU AU JET
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[71] KADANT BLACK CLAWSON INC,
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[25] EN
[54] CONTAINER UNCAPPING
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[54] APPAREIL ET PROCEDE DE
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[30] US (60/330,092) 2001-10-19
[30] US (60/372,080) 2002-04-15
[30] US (60/373,658) 2002-04-19

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[25] EN
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[72] SIEBERT, ELIZABETH J., US
[72] FRISTAD, WILLIAM E., US
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[71] CLARIANT FINANCE (BVI) LIMITED, VG
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[54] APPAREIL LASER SOLIDE A OSCILLATIONS D'IMPULSIONS ET APPAREIL D'USINAGE A LASER
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[72] VEYS, LUC, BE
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[71] YISSUM RESEARCH
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SYSTEM, A TERMINAL, AND AN
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[54] PROCEDE
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[54] DERIVES DE
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[72] YOSHIZAKI, HIDEO, JP
[72] SHIGYO, HIROMICHI, JP
[72] TAKEMURA, SHUNJI, JP
[72] SATO, SEIICHI, JP
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[54] L'UTILISATION DE 3-
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[54] CHARIOT PERMETTANT DE BROYER ET DE MELANGER DES PRODUITS POUR UNE UTILISATION ZOOTECHNIQUE
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[72] MEAKIN, TIMOTHY DAVID, NZ
[72] CADWALLADER, DIANNE, NZ
[71] MERACOL CORPORATION LIMITED, NZ
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[72] HEIN, MARVIN, US
[71] BALLY GAMING INTERNATIONAL, INC., US
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[54] SYSTEME ET PROCEDE DE COMMUNICATION DE SIGNAUX MULTIMEDIA
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[72] REYNOLDS, JODIE LYNN, US
[71] INTERACT DEVICES, US
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[54] HYDROGEL BIOCOMPATIBLE POLYFONCTIONNEL ET PROCEDE DE PRODUCTION ASSOCIE
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[71] BIOPHARMA DEVELOPMENT LTD., GB
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[54] APPAREIL DE JEUX DE HASARD COMPRENANT DES SYMBOLES A PROBABILITES DE TRANSFORMATION
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[72] XIE, DONG, US
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[54] MECANISME DE MAPPAGE DE SCHEMAS XML SUR UN SYSTEME DE BASE DE DONNEES RELATIONNELLE OBJET
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[72] AGARWAL, NIPUN, US
[72] CHANDRASEKAR, SIVASANKARAN, US
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[54] FORME DE DOSAGE CONTENANT UNE COMPOSITION DE CONFISERIE
[72] LABELLA, GUS B, US
[72] MCNALLY, GERARD P, US
[72] THOMAS, MARTIN, US
[72] SOWDEN, HARRY S., US
[72] LEE, DER-YANG, US
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[72] GILMOR, TIMOTHY P, US
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[25] EN
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[54] PROCEDE ET DISPOSITIF PERMETTANT L'IMPLEMENTATION D'UN PARE-FEUDE COUCHE 3/ COUCHE 7 DANS UN DISPOSITIF L2
[72] CHEUNG, LEE CHIK, US
[72] MAO, YU MING, US
[72] HUANG, GUANGSONG, US
[72] LIAN, ROGER JIA-JYI, US
[71] NETSCREEN TECHNOLOGIES, INC., US
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[25] EN
[54] FERRITIC STAINLESS STEEL AND USE THEREOF IN THE MANUFACTURE FOR HIGH TEMPERATURE RESISTANT PRODUCTS
[54] ACIER FERRITIQUE ET UTILISATION DE CE DERNIER DANS LA FABRICATION DE PRODUITS RESISTANT AUX HAUTES TEMPERATURES
[72] SONGINI, GIANNI, IT
[72] BARTERI, MASSIMO, IT
[71] THYSSENKRUPP ACCIAI SPECIALI TERNI S.P.A., IT
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[54] UTILISATION DE DEVRIES DE MANNOSAMINE POUR LA STIMULATION DE LA CROISSANCE DES NEURITES
[72] REUTTER, WERNER, DE
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[54] INJECTIONS POUR TISSU OCULAIRE CONTENANT UN MEDICAMENT LIE A DU POLYETHYLENE GLYCOL
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[72] HORIBE, YOSHIHIDE, JP
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[71] MIKRONITE TECHNOLOGIES GROUP INC., US
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[71] LEUKOCARE GMBH, DE
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[54] PROCEDE ET DISPOSITIF POUR PRODUIRE DES OLIGOMERES MODIFIES A BASE DE POLYSACCHARIDES
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[72] CHANDRKRACHANG, SUWALEE, TH
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[54] POLYMERES OPTIQUES NON LINEAIRES EFFICACES PRESENTANT UNE GRANDE STABILITE DE POLARISATION
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[72] BUSE, KARSTEN, DE
[72] SOERGEL, ELISABETH, DE
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[72] BERNETH, HORST, DE
[72] KOSTROMINE, SERGUEI, DE
[72] HOFFMANN, AKOS, HU
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[72] COBROR, SANDRO, IT
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[54] PROCEDE DE FINISSAGE PAR IMMERSION A CHAUD
[72] BRISBERGER, ROLF, DE
[72] TRAKOWSKI, WALTER, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
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[72] NOERENBERG, RALF, DE
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HUMAN TRANSGENIC ANIMALS AND
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[54] MOLECULES D'ADN ISOLEES
CODANT UN RECEPTEUR HUMANISE
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[72] OLIVER, KEVIN R., US
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[72] SALVATORE, CHRISTOPHER A., US
[72] KANE, STEFANIE A., US
[71] MERCK & CO., INC., US
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[30] US (60/325,295) 2001-09-27

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[72] BECK, DAVID A., US
[71] VOITH PAPER PATENT GMBH, DE
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[72] STASCH, JOHANNES-PETER, DE
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[72] HEIMBACH, DIRK, DE
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[13] A1

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[54] SYSTEME ET PROCEDE DE
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[72] NICHOLSON, GREG, US
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SWITCHES, SELECTOR SWITCHES
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[54] MECANISME POUR ACTIONNER
PAR PRESSION, AU MOYEN D'UNE
TOUCHE BASCULANTE, DES
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[72] GUSI, PIERO CAMILLO, IT
[71] VIMAR S.P.A., IT
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[54] SYSTEME ET TECHNIQUES DE COMMUNICATION TRANSMETTANT ENTRE UNE SOURCE ET UNE DESTINATION
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[72] SIVAKUMAR, RAGHUPATHY, US
[71] EG TECHNOLOGY, INC., US
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[71] GLYCOMED SCIENCES LIMITED, AU
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[54] DISPOSITIF PERMETTANT DE RACCORDER DES PIEDS A DES ELEMENTS D'AMEUBLEMENT ET ELEMENT D'AMEUBLEMENT EQUIPE DE CE DISPOSITIF
[72] SILVESTRI, FABIO, IT
[72] CONSOLINI, PAOLO, IT
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[54] INFANT SWING AND METHOD OF USING THE SAME
[54] FAUTEUIL BALANCOIRE POUR BEBE ET PROCEDE D'UTILISATION ASSOCIE
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[72] MEADE, JAMES P., US
[71] MATTEL, INC., US
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[13] A1

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[54] SYSTEM AND METHOD FOR FRACTIONATION OF A CENTRIFUGED SAMPLE
[54] SYSTEME ET PROCEDE DE FRACTIONNEMENT D'UN ECHANTILLON CENTRIFUGE
[72] ARKING, E. JAMES, US
[72] TAFAS, TRIANTAFYLLOS, US
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[30] US (60/327,336) 2001-10-04

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[25] EN
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[54] DECOUPAGE DE LA PRESENTATION GRAPHIQUE D'UN JEU A PARTIR DE LA LOGIQUE DE LA PRESENTATION
[72] NELSON, DWAYNE R., US
[72] BEAULIEU, NICOLE M., US
[72] LEMAY, STEVEN G., US
[72] BENBRAHIM, JAMAL, US
[72] PALCHETTI, JOHNNY, US
[72] SCHLOTTMANN, GREG A., US
[72] BRECKNER, ROBERT E., US
[71] IGT, US
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[87] 2003-04-10 (WO2003/028827)
[30] US (60/325,998) 2001-09-28
[30] US (10/041,212) 2002-01-07

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[13] A1

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[25] EN
[54] GAME DEVELOPMENT ARCHITECTURE THAT DECOUPLES THE GAME LOGIC FROM THE GRAPHICS LOGIC
[54] ARCHITECTURE DE DEVELOPPEMENT DE JEU DECOUPLANT LA LOGIQUE DE JEU DE LA LOGIQUE DE TRAITEMENT GRAPHIQUE
[72] LEMAY, STEVEN G., US
[72] NELSON, DWAYNE R., US
[72] BEAULIEU, NICOLE M., US
[72] PALCHETTI, JOHNNY, US
[72] BENBRAHIM, JAMAL, US
[72] SCHLOTTMANN, GREG A., US
[72] BRECKNER, ROBERT E., US
[71] IGT, US
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[86] 2002-09-26 (PCT/US2002/030782)
[87] 2003-04-10 (WO2003/028828)
[30] US (60/325,965) 2001-09-28
[30] US (10/040,239) 2002-01-03

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[13] A1

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[54] PERFORATEUR A REPETITION POUR TUBING
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[72] PARKER, ROBERT, GB
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[54] TRAITEMENT ANTI-IRRITANT DE L'ACNE ROSACEE
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[72] MARENUS, KENNETH D., US
[72] MUIZZUDDIN, NEELAM, US
[71] COLOR ACCESS, INC., US
[85] 2004-03-29
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[87] 2003-04-17 (WO2003/030813)
[30] US (09/971,561) 2001-10-05

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[25] EN
[54] CONTAINER FOR DISPENSING SPILL-RESISTANT FORMULATIONS
[54] RECIPIENT DE DISTRIBUTION DE FORMULATIONS RESISTANTES AU DEVERSEMENT
[72] VAN DEN HEUVEL, THEOPHILUS, CA
[72] MOROS, DANIEL A., US
[72] ASOTRA, SATISH, CA
[71] TARO PHARMACEUTICAL INDUSTRIES LTD., IL
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[30] US (60/330,464) 2001-10-22

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[51] Int.Cl. 7D01D 5/36 7D02G 3/02
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[25] EN
[54] IMPROVED POLYOLEFIN-BASED SYNTHETIC FIBERS AND METHOD THEREFOR
[54] QUALITE AMELIOREE DE FIBRES SYNTHETIQUES A BASE DE POLYOLEFINE, ET PROCEDE A CET EFFET
[72] MALLONEE, WILLIAM C., US
[72] BERTAMINI, LUCA, IT
[72] PONTARIN, LUIGI MARCO, IT
[72] CALDARA, MAURO, IT
[71] AQUAFIL S.P.A., IT
[85] 2004-03-26
[86] 2001-09-28 (PCT/US2001/030444)
[87] 2003-04-10 (WO2003/029536)

[21] 2,461,946
[13] A1

[51] Int.Cl. 7A61K 31/56 7A61K 31/519
[25] EN
[54] COMBINATIONS FOR THE TREATMENT OF IMMUNOINFLAMMATORY DISORDERS
[54] COMBINAISONS PERMETTANT LE TRAITEMENT DES TROUBLES INFLAMMATOIRES
[72] ZIMMERMANN, GRANT, US
[72] MANIVASAKAM, PALANIYANDI, US
[72] JOST-PRICE, EDWARD ROYDON, US
[72] FOLEY, MICHAEL A., US
[72] HURST, NICOLE, US
[72] BORISY, ALEXIS, US
[72] KEITH, CURTIS, US
[71] COMBINATORX, INCORPORATED, US
[85] 2004-03-26
[86] 2002-10-04 (PCT/US2002/031866)
[87] 2003-04-17 (WO2003/030823)
[30] US (60/327,674) 2001-10-05

[21] 2,461,947
[13] A1

[51] Int.Cl. 7C08F 212/08 7C08F 291/00
7C08F 236/06
[25] EN
[54] METHOD FOR PRODUCING AQUEOUS STYRENE-BUTADIENE POLYMER DISPERSIONS III
[54] PROCEDE POUR PRODUIRE DES DISPERSIONS AQUEUSES DE POLYMERES STYRENE-BUTADIENE - III
[72] MANDERS, LAMBERTUS, DE
[72] WIRTH, THOMAS, DE
[72] KROENER, HUBERTUS, DE
[72] SCHAEDLER, VOLKER, DE
[72] GASCHLER, WOLFGANG, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-03-26
[86] 2002-09-30 (PCT/EP2002/010968)
[87] 2003-04-10 (WO2003/029315)
[30] DE (101 48 494.1) 2001-10-01

[21] 2,461,948
[13] A1

[51] Int.Cl. 7C08F 212/08 7C08F 291/00
7C08F 236/06 7D21H 17/35
[25] EN
[54] METHOD FOR PRODUCING AQUEOUS STYRENE-BUTADIENE-IV POLYMER DISPERSIONS
[54] PROCEDE POUR PRODUIRE DES DISPERSIONS AQUEUSES DE POLYMERES STYRENE-BUTADIENE - IV
[72] MANDERS, LAMBERTUS, DE
[72] SCHAEDLER, VOLKER, DE
[72] GASCHLER, WOLFGANG, DE
[72] WIRTH, THOMAS, DE
[72] KROENER, HUBERTUS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-03-26
[86] 2002-09-30 (PCT/EP2002/010969)
[87] 2003-04-10 (WO2003/029316)
[30] DE (101 48 511.5) 2001-10-01

[21] 2,461,950
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C07H 21/04
7C12P 19/34
[25] EN
[54] COMPOSITIONS, METHODS AND KITS FOR DETERMINING THE PRESENCE OF MYCOPLASMA PNEUMONIAE AND/OR MYCOPLASMA GENITALIUM IN A TEST SAMPLE
[54] COMPOSITIONS, PROCEDES ET EQUIPEMENTS PERMETTANT DE DETERMINER LA PRESENCE DE MYCOPLASMA PNEUMONIAE ET/OU DE MYCOPLASMA GENITALIUM DANS UN ECHANTILLON POUR ESSAI
[72] CUNNINGHAM, MELISSA M., US
[72] LIGHT, JAMES P., II, US
[71] GEN-PROBE INCORPORATED, US
[85] 2004-03-26
[86] 2002-10-31 (PCT/US2002/035133)
[87] 2003-05-15 (WO2003/040689)
[30] US (60/335,015) 2001-11-02

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[21] 2,461,953
[13] A1

[51] Int.Cl. 7E02F 9/28
[25] EN
[54] REMOVABLE ADAPTER ASSEMBLY HAVING A RETRACTABLE INSERT
[54] ENSEMBLE ADAPTATEUR AMOVIBLE A INSERT RETRACTABLE
[72] PIPPINS, SHERLOCK K., US
[71] TRINITY INDUSTRIES, INC., US
[85] 2004-03-26
[86] 2003-01-21 (PCT/US2003/001664)
[87] 2003-08-07 (WO2003/064840)
[30] US (10/060,269) 2002-01-29

[21] 2,461,956
[13] A1

[51] Int.Cl. 7A61B 17/072
[25] EN
[54] SURGICAL STAPLING DEVICE
[54] DISPOSITIF D'AGRAFAGE CHIRURGICAL
[72] WHITFIELD, KENNETH H., US
[72] CZERNIK, ROMAN, US
[72] MARCZYK, STANISLAW, US
[72] WENCHELL, TOM, US
[72] HOLSTEN, HENRY E., US
[72] MAFFEI, FRANK C., US
[71] TYCO HEALTHCARE GROUP LP, US
[85] 2004-03-29
[86] 2002-10-04 (PCT/US2002/032031)
[87] 2003-04-17 (WO2003/030743)
[30] US (60/327,527) 2001-10-05
[30] US (60/363,487) 2002-03-11
[30] US (60/363,502) 2002-03-11

[21] 2,461,958
[13] A1

[51] Int.Cl. 7A61K 9/14 7A61K 9/16
7A61K 9/20 7A61K 9/24 7A61K 9/28
7A61K 9/30 7A61K 9/48
[25] EN
[54] COMBINATION DOSAGE FORM CONTAINING A CHOLESTEROL - LOWERING AGENT, AN INHIBITOR OF THE RENIN-ANGIOTENSIN, AND ASPIRIN
[54] FORME DOSIFIÉE DE MÉLANGE RENFERMANT UN HYPOCHOLESTEROLEMIANT, UN INHIBITEUR DE LA RENINE-ANGIOTENSINE, ET DE L'ASPIRINE
[72] IORIO, THEODORE L., US
[72] CHUNGI, SHUBHA, US
[71] LONGWOOD PHARMACEUTICAL RESEARCH, INC., US
[85] 2004-03-29
[86] 2002-08-28 (PCT/US2002/027877)
[87] 2003-03-13 (WO2003/020243)
[30] US (09/941,948) 2001-08-28

[21] 2,461,960
[13] A1

[51] Int.Cl. 7A61K 31/715 7A61P 17/10
7A61K 7/48 7A61K 31/70
[25] EN
[54] COMBINATORIAL ANTI-ACNE COMPOSITIONS
[54] COMPOSITIONS ANTI-ACNEIQUES COMBINATOIRES
[72] SCHNITTGER, STEVEN F., US
[72] MAES, DANIEL H., US
[72] MARENUS, KENNETH D., US
[72] MATSUI, MARY S., US
[72] CHEN, CHIA W., US
[71] COLOR ACCESS, INC., US
[85] 2004-03-29
[86] 2002-10-01 (PCT/US2002/031366)
[87] 2003-04-17 (WO2003/030816)
[30] US (09/971,498) 2001-10-05

[21] 2,461,961
[13] A1

[51] Int.Cl. 7A61K 31/4015 7A61P 25/08
7A61P 25/14
[25] EN
[54] USE OF 2-OXO-1-PYRROLIDINE DERIVATIVES FOR THE TREATMENT OF DYSKINESIA AND MOVEMENT DISORDERS
[54] UTILISATION DE DERIVES DE 2-OXO-1-PYRROLIDINE POUR LA PREPARATION D'UN MEDICAMENT
[72] KLITGAARD, HENRIK, BE
[72] GRIMEE, RENEE, BE
[71] UCB, S.A., BE
[85] 2004-03-29
[86] 2002-10-07 (PCT/EP2002/011203)
[87] 2003-04-17 (WO2003/030899)
[30] EP (01123976.1) 2001-10-08

[21] 2,461,966
[13] A1

[51] Int.Cl. 7C22C 38/44 7C21D 9/00
7C22C 38/54
[25] EN
[54] DUPLEX STAINLESS STEEL
[54] ACIER INOXYDABLE DUPLEX
[72] PRATT, WILLIAM A., US
[72] GRUBB, JOHN F., US
[72] DUNN, JOHN J., US
[72] BERGSTROM, DAVID S., US
[71] ATI PROPERTIES, INC., US
[85] 2004-03-26
[86] 2002-03-20 (PCT/US2002/008605)
[87] 2003-04-24 (WO2003/033755)
[30] US (09/981,074) 2001-10-16

[21] 2,461,967
[13] A1

[51] Int.Cl. 7H01Q 1/24 7H01P 1/18
7H01Q 3/32
[25] EN
[54] APPARATUS FOR STEERING AN ANTENNA SYSTEM
[54] APPAREIL POUR DIRIGER UN SYSTEME D'ANTENNE
[72] THOMAS, LOUIS DAVID, GB
[71] QINETIQ LIMITED, GB
[85] 2004-03-29
[86] 2002-10-22 (PCT/GB2002/004748)
[87] 2003-05-01 (WO2003/036759)
[30] GB (0125345.9) 2001-10-22

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[21] 2,461,968
[13] A1

[51] Int.Cl. 7A24B 15/00
[25] EN
[54] TOBACCO MINT PLANT MATERIAL PRODUCT
[54] PRODUIT A BASE DE TABAC ET DE MENTE
[72] ATCHLEY, FRANK S., US
[72] DUE, VERNIE A., US
[72] GRAY, THOMAS R., US
[71] U.S. SMOKELESS TOBACCO COMPANY, US
[85] 2004-03-29
[86] 2002-09-27 (PCT/US2002/030712)
[87] 2003-04-10 (WO2003/028491)
[30] US (60/325,507) 2001-09-28

[21] 2,461,970
[13] A1

[51] Int.Cl. 7A61M 31/00
[25] EN
[54] MICRODEVICE AND METHOD OF DELIVERING OR WITHDRAWING A SUBSTANCE THROUGH THE SKIN OF AN ANIMAL
[54] MICRODISPOSITIF ET PROCEDE PERMETTANT D'ADMINISTRER OU DE PRELEVER UNE SUBSTANCE A TRAVERS LA PEAU D'UN ANIMAL
[72] CONNELLY, ROBERT I., US
[72] PETTIS, RONALD J., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2004-03-29
[86] 2002-10-04 (PCT/US2002/031807)
[87] 2003-04-17 (WO2003/030984)
[30] US (09/971,145) 2001-10-05

[21] 2,461,971
[13] A1

[51] Int.Cl. 7A24B 13/00 7A24B 15/00
7A24B 3/14
[25] EN
[54] ENCAPSULATED MATERIALS
[54] MATIERES ENCAPSULEES
[72] GRAY, THOMAS R., US
[72] ATCHLEY, FRANK S., US
[72] DUE, VERNIE A., US
[71] U.S. SMOKELESS TOBACCO COMPANY, US
[85] 2004-03-29
[86] 2002-09-27 (PCT/US2002/030718)
[87] 2003-04-10 (WO2003/028492)
[30] US (60/325,510) 2001-09-28

[21] 2,461,974
[13] A1

[51] Int.Cl. 7C01B 33/02 7C25B 1/00
[25] EN
[54] FAMILY OF DISCRETELY SIZED SILICON NANOPARTICLES AND METHOD FOR PRODUCING THE SAME
[54] FAMILLE DE NANOParticules DE SILICIUM CALIBREES DE FACON DISCRETE ET PROCEDE DE PRODUCTION
[72] NAYFEH, MUNIR H., US
[72] BELOMOIN, GENNADIY, US
[72] CHAIEB, SAHRAOUI, US
[72] THERRIEN, JOEL, US
[72] RAO, SATISH, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2004-03-29
[86] 2002-10-18 (PCT/US2002/033457)
[87] 2003-07-03 (WO2003/053847)
[30] US (09/990,250) 2001-11-21

[21] 2,461,976
[13] A1

[51] Int.Cl. 7C07D 239/52 7A01N 43/54
7A01N 43/56 7C07D 239/58 7A01N 43/58
7A01N 43/66 7A01N 43/707
[25] EN
[54] ARYL ETHER DERIVATIVES AND PROCESSES FOR THEIR PREPARATION AND HERBICIDAL AND DESICCANT COMPOSITIONS CONTAINING THEM
[54] DERIVES D'ARYLEETHER, LEURS PROCEDES DE PREPARATION, ET COMPOSITIONS HERBICIDES ET DESHYDRATANTES LES CONTENANT
[72] GUPTA, SANDEEP, US
[72] READ, MARK, US
[72] TSUKAMOTO, MASAMITSU, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2004-03-26
[86] 2002-09-06 (PCT/US2002/025963)
[87] 2003-04-10 (WO2003/029225)
[30] US (09/970,220) 2001-10-01
[30] US (10/001,816) 2001-12-05

[21] 2,461,978
[13] A1

[51] Int.Cl. 7A63H 33/10
[25] EN
[54] A TOY BUILDING SET
[54] ENSEMBLE JEU DE CONSTRUCTION
[72] HATTING, JAN, DK
[72] KROEIGGARD, OLAV, DK
[71] INTERLEGO AG, CH
[85] 2004-03-29
[86] 2002-10-07 (PCT/DK2002/000669)
[87] 2003-04-17 (WO2003/031011)
[30] DK (PA 2001 01486) 2001-10-09

[21] 2,461,981
[13] A1

[51] Int.Cl. 7G01N 33/569 7G01N 33/68
[25] EN
[54] DIAGNOSIS DEMYELINATING OR SPONGIFORM DISEASE
[54] DIAGNOSTIC DES MALADIES DEMYELINISANTES OU SPONGIFORMES
[72] EBRINGER, ALAN, GB
[72] WILSON, CLYDE DONALD DYPP, GB
[71] KING'S COLLEGE LONDON, GB
[85] 2004-03-29
[86] 2002-11-08 (PCT/GB2002/005056)
[87] 2003-05-15 (WO2003/040685)
[30] GB (0127000.8) 2001-11-09
[30] GB (0202562.5) 2002-02-04

[21] 2,461,983
[13] A1

[51] Int.Cl. 7B21F 21/00 7D03D 3/04
[25] EN
[54] IMPROVED BELT-MACHINE COMBINATION
[54] ENSEMBLE BANDE-MACHINE AMELIORE
[72] MAGUIRE, MICHAEL, US
[71] NATIONAL WIRE FABRIC, INC., US
[85] 2004-03-29
[86] 2002-10-07 (PCT/US2002/031908)
[87] 2003-04-17 (WO2003/031093)
[30] US (60/327,000) 2001-10-05
[30] US (10/263,774) 2002-10-04

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[21] 2,461,988
[13] A1

[51] Int.Cl. 7G03G 9/00
[25] EN
[54] TONER FORMULATIONS
[54] FORMULATIONS DE TONER
[72] WALSH, JODI LYNNE, US
[72] MORRIS, MICHELLE KATHRYN, US
[72] OLSON, JOHN MELVIN, US
[72] MOORE, MICHAEL THOMAS, US
[72] BLAIR, BRYAN MICHAEL, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2004-03-26
[86] 2002-09-19 (PCT/US2002/029651)
[87] 2003-04-10 (WO2003/029902)
[30] US (09/966,190) 2001-09-28

[21] 2,461,989
[13] A1

[51] Int.Cl. 7A61K 39/395 7A61P 35/00
7A61P 35/02 7A61P 37/06 7A61K 39/44
[25] EN
[54] METHOD FOR TREATING
MULTIPLE MYELOMA
[54] METHODE DE TRAITEMENT DU
MYELOME MULTIPLE
[72] RAISON, ROBERT LINDSAY, AU
[72] CHOO, BOON HWA ANDRE, SG
[72] DUNN, ROSANNE DOROTHY, AU
[71] PACMAB PTY LTD, AU
[85] 2004-03-29
[86] 2002-07-05 (PCT/AU2002/000896)
[87] 2003-01-16 (WO2003/004056)
[30] AU (PR 6179) 2001-07-06

[21] 2,461,991
[13] A1

[51] Int.Cl. 7H04B 7/005
[25] EN
[54] METHOD AND APPARATUS FOR
MULTI-CHANNEL REVERSE LINK
OUTER-LOOP POWER CONTROL
[54] TECHNIQUE ET APPAREIL
PERMETTANT DE REGLER LA
PUISANCE DE BOUCLE EXTERNE DE
LIAISON INVERSE MULTICANAUX
[72] CHEN, TAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-03-26
[86] 2002-09-24 (PCT/US2002/030389)
[87] 2003-04-10 (WO2003/030401)
[30] US (09/967,653) 2001-09-28

[21] 2,461,994
[13] A1

[51] Int.Cl. 7B23K 26/32 7B23K 15/00
[25] FR
[54] PROCEDE ET DISPOSITIF DE
SOUĐAGE PAR RECOUVREMENT A
L'AIDE D'UN FAISCEAU A HAUTE
DENSITE D'ENERGIE DE DEUX TOLES
REVETUES
[54] METHOD AND DEVICE FOR
OVERLAPPING WELDING OF TWO
COATED METAL SHEETS WITH A
BEAM OF HIGH ENERGY DENSITY
[72] VERGNIEZ, GABRIEL, FR
[72] ALIPS, PHILIPPE, FR
[72] DUBRULLE, FRANCOIS, FR
[71] USINOR, FR
[85] 2004-03-29
[86] 2002-10-03 (PCT/FR2002/003380)
[87] 2003-04-17 (WO2003/031111)
[30] FR (01/12990) 2001-10-09

[21] 2,461,995
[13] A1

[51] Int.Cl. 7E21B 47/00 7G01V 3/00
[25] EN
[54] IN-SITU HEAVY-OIL RESERVOIR
EVALUATION WITH ARTIFICIAL
TEMPERATURE ELEVATION
[54] EVALUATION D'UN RESERVOIR
DE PETROLE LOURD IN SITU PAR
ELEVATION DE TEMPERATURE
ARTIFICIELLE
[72] CHEN, SONGHUA, US
[72] GEORGI, DANIEL T., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-03-29
[86] 2002-08-16 (PCT/US2002/026238)
[87] 2003-02-27 (WO2003/016826)
[30] US (60/313,174) 2001-08-17
[30] US (10/223,177) 2002-08-15

[21] 2,461,998
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C07H 21/04
7C12N 5/14 7C12N 5/16 7C07K 14/195
7C12N 1/21 7C12N 15/52 7C12N 15/63
[25] EN
[54] ISOLATED NUCLEIC ACID
MOLECULES ENCODING A
BACTERIAL URACIL TRANSPORT
PROTEIN AND A BACTERIAL URACIL
PHOSPHORIBOSYL-TRANSFERASE
ENZYME, CELLS TRANSFORMED
THEREWITH AND USES THEREOF
[54] MOLECULES D'ACIDES
NUCLEIQUES ISOLEES CODANT UNE
PROTEINE DE TRANSPORT D'URACIL
BACTERIENNE ET UNE ENZYME
URACIL PHOSPHORIBOSYL
TRANSFERASE BACTERIENNE,
CELLULES TRANSFORMEES PAR CES
MOLECULES, ET UTILISATIONS
CORRESPONDANTES

[72] SKOPEK, THOMAS, US
[72] GLaab, WARREN, US
[71] MERCK & CO., INC., US
[85] 2004-03-26
[86] 2002-09-25 (PCT/US2002/030435)
[87] 2003-04-10 (WO2003/029407)
[30] US (60/325,128) 2001-09-26

[21] 2,462,000
[13] A1

[51] Int.Cl. 7C07D 263/32 7C07D 417/12
7G01N 33/53 7G01N 21/64
[25] EN
[54] SUBSTITUTED
DIPHENYLOXAZOLES, THE
SYNTHESIS THEREOF, AND THE USE
THEREOF AS FLUORESCENCE
PROBES
[54] DIPHENYLOXAZOLES
SUBSTITUES ; SYNTHESE ET
UTILISATION COMME SONDES A
FLUORESCENCE
[72] CARVER, THEODORE E., JR., US
[72] RINKER, JAMES M., US
[71] 3-DIMENSIONAL
PHARMACEUTICALS, INC., US
[85] 2004-03-29
[86] 2002-10-07 (PCT/US2002/031910)
[87] 2003-04-17 (WO2003/031419)
[30] US (60/327,307) 2001-10-09

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[21] 2,462,004
[13] A1

[51] Int.Cl. 7B30B 11/08
[25] EN
[54] SYSTEMS, METHODS AND APPARATUSES FOR MANUFACTURING DOSAGE FORMS
[54] SYSTEMES, PROCÉDES ET APPAREILS POUR LA FABRICATION DE FORMES POSOLOGIQUES
[72] SOWDEN, HARRY S., US
[72] STUHL, WILLIAM, US
[71] MCNEIL-PPC, INC., US
[85] 2004-03-26
[86] 2002-09-25 (PCT/US2002/030436)
[87] 2003-04-10 (WO2003/028989)
[30] US (09/967,414) 2001-09-28

[21] 2,462,008
[13] A1

[51] Int.Cl. 7B30B 11/34 7A61J 3/10
[25] EN
[54] SYSTEMS, METHODS AND APPARATUSES FOR MANUFACTURING DOSAGE FORMS
[54] SYSTEMES, PROCÉDES ET APPAREILS DESTINÉS À LA FABRICATION DE FORMES GALENIQUES
[72] SOWDEN, HARRY S., US
[72] LI, SHUN-POR, US
[71] MCNEIL-PPC, INC., US
[85] 2004-03-26
[86] 2002-09-26 (PCT/US2002/030614)
[87] 2003-04-10 (WO2003/028990)
[30] US (09/966,939) 2001-09-28

[21] 2,462,022
[13] A1

[51] Int.Cl. 7B60R 3/00
[25] EN
[54] ONE-PIECE COMPOSITE RUNNING BOARD AND BRACKET SYSTEM
[54] MARCHEPIED COMPOSITE MONOBLOC ET SYSTÈME DE SUPPORT
[72] KUNTZE, CHRISTOPHER J., US
[72] SHEPPARD, JONATHON L., US
[72] CHUBA, CHARLES JOHN, US
[72] HISHON, THOMAS FREDRICK, US
[71] DECOMA INTERNATIONAL INC., CA
[85] 2004-03-25
[86] 2002-10-21 (PCT/CA2002/001568)
[87] 2003-04-24 (WO2003/033304)
[30] US (60/344,930) 2001-10-19

[21] 2,462,023
[13] A1

[51] Int.Cl. 7C07D 498/06
[25] EN
[54] PREPARATION OF LEVOFLOXACIN AND FORMS THEREOF
[54] PRÉPARATION DE LEVOFLOXACINE ET FORMES À BASE DE CETTE SUBSTANCE
[72] AMIR, EHUD, IL
[72] GERSHON, NEOMI, IL
[72] WIZEL, SHLOMIT, IL
[72] NIDDAM-HILDESHEIM, VALERIE, IL
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2004-03-25
[86] 2002-10-03 (PCT/US2002/031850)
[87] 2003-04-10 (WO2003/028664)
[30] US (60/326,958) 2001-10-03
[30] US (60/334,316) 2001-11-29
[30] US (60/354,939) 2002-02-11

[21] 2,462,024
[13] A1

[51] Int.Cl. 7B60R 21/045 7B62D 25/14
[25] EN
[54] INSTRUMENT PANEL HAVING FLEXIBLE STEERING WHEEL COLUMN CLOSEOUT AND METHOD FOR ASSEMBLING SAME
[54] TABLEAU DE BORD PRÉSENTANT UN CARTER RENFERMANT LA COLONNE DE DIRECTION SOUPLE ET PROCÉDÉ D'ASSEMBLAGE
[72] KORNYLO, WALTER PAUL, US
[72] LYITTLE, JAMES RICHARD, US
[72] MOONEY, TIMM MATTHEW, US
[71] INTIER AUTOMOTIVE INC., CA
[85] 2004-03-25
[86] 2002-10-02 (PCT/US2002/031543)
[87] 2003-04-10 (WO2003/029054)
[30] US (60/326,934) 2001-10-04

[21] 2,462,029
[13] A1

[51] Int.Cl. 7H02J 7/00
[25] EN
[54] SYSTEM AND METHOD FOR BATTERY CHARGING
[54] SYSTÈME ET PROCÉDÉ DE CHARGE DE BATTERIE
[72] BRECHT, WILLIAM B., US
[71] TROJAN BATTERY COMPANY, US
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[72] SCHMECK, CARSTEN, DE
[72] RAABE, MARTIN, DE
[72] SIEGEL, STEPHAN, DE
[72] BISCHOFF, HILMAR, DE
[72] KELDENICH, JOERG, DE
[72] GIELEN, HEIKE, DE
[72] GOLDMANN, SIEGFRIED, DE
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[54] PROCÉDÉ DE FORMATION D'UNE BANDE CONTINUE POUR UN SEPARATEUR DE TYPE À BANDE
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[72] SERT, BULENT, US
[71] SEPARATION TECHNOLOGIES, INC., US
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[72] APPELMAN, BARRY, US
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[54] NOVEL DISPHOSPHINES, THEIR COMPLEXES WITH TRANSITION METALS AND THEIR USE IN ASYMMETRIC SYNTHESIS
[72] DUPRAT DE PAULE, SEBASTIEN, FR
[72] VIDAL, VIRGINIE, FR
[72] CHAMPION, NICOLAS, FR
[72] GENET, JEAN-PIERRE, FR
[72] DELLIS, PHILIPPE, FR
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[54] CHALUMEAU A PLASMA PAR INDUCTION MULTI-BOBINE POUR ALIMENTATION DE PUISSANCE INTEGREE
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[72] HACHMEISTER, BERND, DE
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[72] WITTEBROOD, ADRIANUS JACOBUS, NL
[72] VAN DER HOEVEN, JOB ANTHONIUS, NL
[72] BUERGER, ACHIM, DE
[72] VIEREGGE, KLAUS, DE
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[54] AGENTS CYTOTOXIQUES SUPPORTANT UNE FRACTION REACTIVE DE POLYETHYLENEGLYCOL, CONJUGUES CYTOTOXIQUES COMPRENANT DES GROUPES DE LIAISON DE POLYETHYLENEGLYCOL ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION
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[72] WIDDISON, WAYNE CHARLES, US
[72] MILLER, MICHAEL LOUIS, US
[72] ZHAO, ROBERT YONGXIN, US
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[54] PROCEDE DE RECUPERATION D'HYDROCARBURES DANS DES HYDRATES
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[85] 2004-03-26
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[54] MOULAGE DE MICROSTRUCTURES SUR UN SUBSTRAT
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[72] DILLON, KENNETH R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] STRUCTURES DE FAIBLES DIMENSIONS, EMETTRICES D'ELECTRONS ET BLOQUEUSES DE PHONONS
[72] VENKATASUBRAMANIAN, RAMA, US
[72] SIVOLA, EDWARD, US
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[72] ERICKSON, CHAD S., US
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[54] PROCEDE ET ELECTRODE PERMETTANT LA DEFINITION ET LA REPRODUCTION DE STRUCTURES DANS DES MATERIAUX CONDUCTEURS
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[54] MATERIAUX ET PROCEDES POUR LA PRODUCTION ET LA PURIFICATION DE CHLOROFLUOROCARBONES ET DE FLUOROHYDROCARBURES
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[72] SACARIAS, JULIE, US
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[71] MDOFFICES.COM, INC., US
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[54] APPAREIL POUR DEPOT CHIMIQUE EN PHASE VAPEUR INVERSE
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[72] BATRES, MAX, US
[72] COULTER, MIKE, US
[72] NAKAMURA, SHUJI, US
[71] CREE, INC., US
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[72] BLOOMBERG, BENTLEY, US
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[54] SYSTEME ANTICOLLISION ET DE BLOCAGE DE FEUX DE SIGNALISATION POUR VEHICULES D'URGENCE
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[72] GROSS, DAVE, US
[71] GROSS, JON, US
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[54] CAPSULE EN PLASTIQUE DESTINEE A DE GRANDES BOUTEILLES
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[71] JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, JP
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[54] COLONNE POUR POUTRE DE PARE-CHOCS DOTEE D'ANNEAUX A RESISTANCE VARIABLE
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[72] SUMIAN, CHRYSLAIN, DE
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[54] DETECTEUR DE RAYONNEMENT
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[54] FERMETURE
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[54] FOUR A LEVITATION ELECTROSTATIQUE
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[72] MURAMATSU, SHOJI, JP
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[25] EN
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[54] COMPOSITION CAOUTCHOUCHEUSE, PNEUMATIQUE, ET PROCEDE DE FABRICATION DUDIT PNEUMATIQUE
[72] KUROKAWA, MAKOTO, JP
[71] BRIDGESTONE CORPORATION, JP
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[30] JP (2001-303729) 2001-09-28

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[54] DISPOSITIF DE MANUTENTION DE FEUILLES DE PAPIER
[72] ISOBE, ATSUSHI, JP
[72] SATO, TAICHI, JP
[72] KUROIWA, KOJI, JP
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[54] MULTI-LAYERED CIRCUIT WIRING PLATE, IC PACKAGE, AND PRODUCTION METHOD OF MULTI-LAYERED CIRCUIT WIRING PLATE
[54] PLAQUE D'ENROULEMENT DE CIRCUIT MULTICOUCHE, BOITIER CI ET PROCEDE DE PRODUCTION DE LA PLAQUE D'ENROULEMENT DE CIRCUIT MULTICOUCHE
[72] MATSUZAWA, HIROSHI, JP
[72] TSUKAMOTO, TAKEHITO, JP
[72] AKIMOTO, SATOSHI, JP
[72] SUEMOTO, TAKUMI, JP
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[54] COMPOSITION D'URETHANE DURCISSANT A L'HUMIDITE
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[72] MAYAMA, YOSHINORI, JP
[72] INOUYE, ATSUSHI, JP
[71] SUNSTAR GIKEN KABUSHIKI KAISHA, JP
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[25] EN
[54] NOVEL 1,2,4-TRIAZOLE COMPOUND
[54] NOUVEAU COMPOSE 1,2,4-TRIAZOLE
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[72] SATO, TAKAHIRO, JP
[72] NAKAMURA, HIROSHI, JP
[72] INOUE, TSUTOMU, JP
[72] ASHIZAWA, NAOKI, JP
[72] IWANAGA, TAKASHI, JP
[72] MATSUMOTO, KOJI, JP
[71] FUJI YAKUHIN CO., LTD., JP
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[30] JP (2002-017825) 2002-01-28

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[51] Int.Cl. 7G09G 3/32
[25] EN
[54] CURRENT DRIVE APPARATUS AND DRIVE METHOD THEREOF, AND ELECTROLUMINESCENT DISPLAY APPARATUS USING THE CIRCUIT
[54] DISPOSITIF DE COMMANDE DE COURANT, PROCEDE DE COMMANDE ASSOCIE ET AFFICHEUR UTILISANT CE DISPOSITIF
[72] HATTORI, REIJI, JP
[71] HATTORI, REIJI, JP
[71] CASIO COMPUTER CO., LTD., JP
[85] 2004-03-26
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[21] 2,462,135
[13] A1

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[25] EN
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[54] PROCEDE DE TRANSFERT ET/OU RECEPTION DE DONNEES DANS UN SYSTEME DE TELECOMMUNICATIONS ET APPAREIL ASSOCIE
[72] AN, JONG HOE, KR
[72] KIM, YOUNG CHO, KR
[72] LEE, YOUNG JO, KR
[72] YOU, CHEOL WOO, KR
[72] YOON, SUK HYON, KR
[72] YUN, YOUNG WOO, KR
[72] KIM, KI JUN, KR
[71] LG ELECTRONICS INC., KR
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[87] 2004-03-26 (WO2003/030407)
[30] KR (2001/60962) 2001-09-29
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[30] KR (2001/60964) 2001-09-29
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[13] A1

[51] Int.Cl. 7F02M 21/06
[25] EN
[54] AN APPARATUS AND METHOD FOR CONTROLLING THE TEMPERATURE OF LIQUID PETROLEUM GAS (LPG) FUEL
[54] APPAREIL ET PROCEDE DE REGULATION DE LA TEMPERATURE D'UN CARBURANT A GAZ DE PETROLE LIQUIDE (GPL)
[72] SEXTON, BARRINGTON, AU
[72] BOON, PAULUS, AU
[71] SEXTON, BARRINGTON, AU
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[85] 2004-03-26
[86] 2002-09-27 (PCT/AU2002/001323)
[87] 2003-04-03 (WO2003/027477)
[30] AU (PR 7944) 2001-09-27
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[25] EN
[54] EXPANDABLE VINYLAROMATIC POLYMERS AND PROCESS FOR THEIR PREPARATION
[54] POLYMERES VINYLAROMATIQUES EXPANSIBLES ET PROCEDE DE PREPARATION DESDITS POLYMERES
[72] FRIGERIO, GILBERTO, IT
[72] CASALINI, ALESSANDRO, IT
[72] GHIDONI, DARIO, IT
[72] LANFREDI, ROBERTO, IT
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[25] EN
[54] METHOD AND DEVICE FOR COOLING A MASS OF A SUBSTANCE
[54] PROCEDE ET DISPOSITIF DE REFROIDISSEMENT D'UNE MASSE DE SUBSTANCE
[72] BEUSE, JOHANNES, DE
[72] TAYLOR, ROBERT, BE
[72] MOELLER, KIRSTEN, DE
[71] L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[30] DE (101 48 777.0) 2001-10-02

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[21] 2,462,141
[13] A1

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[25] EN
[54] MOLD JAW HALF FOR A CORRUGATOR FOR THE PRODUCTION OF TRANSVERSELY RIBBED TUBES
[54] MOITIE DE MOULE A EMPREINTES MOBILES POUR UNE ONDULEUSE DESTINEE A LA FABRICATION DE TUYAUX A NERVURES TRANSVERSALES
[72] NEUBAUER, GERHARD, DE
[72] KAUFMANN, KLAUS, DE
[71] UNICOR GMBH RAHN PLASTMASCHINEN, DE
[85] 2004-03-29
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[30] DE (101 48 294.9) 2001-09-29

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[25] EN
[54] BENZISOTHIAZOLYL-SUBSTITUTED AMINOMETHYL CHROMANES FOR TREATING DISEASES OF THE CENTRAL NERVOUS SYSTEM
[54] AMINOMETHYLCHROMANES SUBSTITUES PAR BENZOISOTHIAZOLYLE UTILISES POUR TRAITER DES TROUBLES DU SYSTEME NERVEUX CENTRAL
[72] SEIDEL, DIETRICH, DE
[72] WEINZ, CORINNA, DE
[72] MAULER, FRANK, DE
[72] SCHOHE-LOOP, RUDOLF, DE
[72] KARL, WOLFGANG, DE
[72] SCHERLING, DIETRICH, DE
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[30] DE (101 48 425.9) 2001-10-01

[21] 2,462,145
[13] A1

[51] Int.Cl. 7C02F 3/12 7C02F 3/08 7C02F 11/12
[25] EN
[54] METHOD AND DEVICE FOR PURIFYING WASTEWATERS
[54] PROCEDE ET DISPOSITIF D'EPURATION D'EAUX USEES
[72] KRAFT, HARALD, DE
[72] BENZ, WENDELIN, DE
[72] ARMBRUSTER, HANS-THOMAS, DE
[71] PAPIERFABRIK AUGUST KOEHLER AG, DE
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[30] DE (101 48 474.7) 2001-10-01

[21] 2,462,146
[13] A1

[51] Int.Cl. 7C25B 1/12 7C25B 9/00 7C25B 15/00
[25] EN
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[54] ELECTROLYSEUR SOUS PRESSION, ET PROCEDE POUR FAIRE FONCTIONNER UN TEL ELECTROLYSEUR
[72] RAEMISCH, MARKO, DE
[72] HOFMANN, HANS, DE
[72] D'ERASMO, PIETRO, NO
[72] BRAND, ROLF AUGUST, DE
[71] GESELLSCHAFT FUR HOCHLEISTUNGSELEKTROLYSEURE ZUR WASSERSTOFFERZEUGUNG MB H, DE
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7A61K 31/4365 7A61K 31/437
[25] EN
[54] BICYCLIC OXOPYRIDINE AND OXOPYRIMIDINE DERIVATIVES
[54] DERIVES BICYCLIQUES D'OXOPYRIDINE ET D'OXOPYRIMIDINE
[72] DAVIS, JEREMY MARTIN, GB
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] LANGHAM, BARRY JOHN, GB
[71] CELLTECH R&D LIMITED, GB
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[30] GB (0124848.3) 2001-10-16

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[13] A1

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[25] EN
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[54] RECIPIENT A FERMETURE DE SECURITE
[72] FUCHS, PETER, CH
[71] HOFFMANN NEOPAC AG, CH
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[21] 2,462,149
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7C07C 235/04
[25] EN
[54] PROCESSES FOR THE PREPARATION OF SUBSTITUTED BICYCLIC DERIVATIVES FOR THE TREATMENT OF ABNORMAL CELL GROWTH
[54] PROCEDES DE PREPARATION DE DERIVES BICYCLIQUES SUBSTITUES UTILISE POUR TRAITER LA CROISSANCE CELLULAIRE ANORMALE
[72] RIPIN, DAVID HAROLD BROWN, US
[71] PFIZER PRODUCTS INC., US
[85] 2004-03-29
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[25] EN
[54] A PROCESS FOR THE STEREOSELECTIVE SYNTHESIS OF 2-HYDROXYMETHYL-CHROMANS
[54] PROCEDE DE SYNTHESE STEREOSELECTIVE DE 2-HYDROXYMETHYL-CHROMANES
[72] STACK, GARY PAUL, US
[72] GROSS, JONATHAN LAIRD, US
[71] WYETH COMPANY, US
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[86] 2002-10-04 (PCT/US2002/031949)
[87] 2003-04-17 (WO2003/031429)
[30] US (60/327,400) 2001-10-05

[21] 2,462,158
[13] A1

[51] Int.Cl. 7A61K 31/28 7A61K 31/44
[25] EN
[54] METHOD AND COMPOSITION FOR PREVENTING OR REDUCING THE SYMPTOMS OF INSULIN RESISTANCE SYNDROME
[54] PROCEDE ET COMPOSITION SERVANT A EMPECHER OU A LIMITER LES SYMPTOMES DU SYNDROME DE RESISTANCE A L'INSULINE
[72] BAGCHI, DEBASIS, US
[72] PREUSS, HARRY G., US
[72] KOTHARI, SHIL C., US
[71] INTERHEALTH NUTRACEUTICALS, INC., US
[85] 2004-03-29
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[87] 2003-05-15 (WO2003/039535)
[30] US (60/327,896) 2001-10-05

[21] 2,462,159
[13] A1

[51] Int.Cl. 7H04N 7/10 7H04N 7/173
[25] EN
[54] VIDEO AND DIGITAL MULTIMEDIA AGGREGATOR CONTENT CODING AND FORMATTING
[54] CODAGE ET FORMATAGE DE CONTENU D'AGGREGATEUR MULTIMEDIA VIDEO ET NUMERIQUE
[72] MCCOSKEY, JOHN S., US
[72] ASMUSSSEN, MICHAEL L., US
[72] SWART, WILLIAM D., US
[71] DISCOVERY COMMUNICATIONS, INC., US
[85] 2004-03-29
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[87] 2003-04-17 (WO2003/032623)
[30] US (09/973,067) 2001-10-10

[21] 2,462,160
[13] A1

[51] Int.Cl. 7H04N 7/16 7H04N 7/025
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[25] EN
[54] METHOD AND APPARATUS FOR TARGETING OF INTERACTIVE VIRTUAL OBJECTS
[54] PROCEDE ET APPAREIL PERMETTANT DE CIBLER DES OBJETS VIRTUELS INTERACTIFS
[72] ASMUSSSEN, MICHAEL L., US
[72] BONNER, ALFRED E., US
[72] HENDRICKS, JOHN S., US
[72] MCCOSKEY, JOHN S., US
[71] DISCOVERY COMMUNICATIONS, INC., US
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[87] 2003-04-17 (WO2003/032640)
[30] US (09/975,312) 2001-10-12

[21] 2,462,161
[13] A1

[51] Int.Cl. 7H04N 1/42 7H04N 7/173
[25] EN
[54] VIDEO AND DIGITAL MULTIMEDIA ACQUISITION AND DELIVERY SYSTEM AND METHOD
[54] SYSTEME ET PROCEDE D'ACQUISITION ET DE DISTRIBUTION MULTIMEDIA NUMERIQUE ET VIDEO
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[72] MCCOSKEY, JOHN S., US
[72] SWART, WILLIAM D., US
[71] DISCOVERY COMMUNICATIONS, INC., US
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[86] 2002-10-10 (PCT/US2002/032130)
[87] 2003-04-17 (WO2003/032626)
[30] US (09/973,081) 2001-10-10

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[13] A1

[51] Int.Cl. 7A61K 31/403 7C07K 5/103
7C07D 403/12 7A61P 31/12 7A61K 31/497
[25] EN
[54] INHIBITORS OF SERINE PROTEASE, PARTICULARLY HEPATITIS C VIRUS NS3-NS4A PROTEASE, INCORPORATING A FUSED RING SYSTEM
[54] INHIBITEURS DE LA SERINE PROTEASE, EN PARTICULIER DE LA PROTEASE NS3-NS4A DU VIRUS DE L'HEPATITE C, INTEGRANT UN SYSTEME DE CYCLES ACCOLES
[72] PERNIE, ROBERT B., US
[72] VAN DRIE, JOHN H., US
[72] FARMER, LUC J., US
[72] PITLIK, JANOS, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
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[87] 2003-05-01 (WO2003/035060)
[30] US (60/343,862) 2001-10-24

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[51] Int.Cl. 7H04N 7/025 7H04N 7/10
[25] EN
[54] INTERNALLY TARGETED ADVERTISEMENTS USING TELEVISION DELIVERY SYSTEMS
[54] ANNONCES PUBLICITAIRES CIBLEES EN INTERNE UTILISANT DES SYSTEMES DE DISTRIBUTION DE TELEVISION
[72] HENDRICKS, JOHN S., US
[72] BONNER, ALFRED E., US
[72] MCCOSKEY, JOHN S., US
[72] ASMUSSEN, MICHAEL L., US
[71] DISCOVERY COMMUNICATIONS, INC., US
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[87] 2003-04-17 (WO2003/032624)
[30] US (09/973,083) 2001-10-10

[21] **2,462,165**
[13] A1

[51] Int.Cl. 7G06F 17/60
[25] EN
[54] SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR PROCESSING AND VISUALIZATION OF INFORMATION
[54] SYSTEME, PROCEDE ET PRODUITS PROGRAMMES INFORMATIQUES POUR LE TRAITEMENT ET LA VISUALISATION D'INFORMATIONS
[72] SCHERER, DAVID, US
[72] ROSENTHAL, DAVID ALAN, US
[72] MACINTYRE, JAMES W., IV, US
[71] VISUAL SCIENCES, LLC, US
[85] 2004-03-29
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[30] US (60/328,107) 2001-10-11

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[13] A1

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[25] EN
[54] SYNTHESIS OF POLY-ALPHA OLEFIN AND USE THEREOF
[54] SYNTHESE DE POLY-ALPHA-OLEFINE ET SON UTILISATION
[72] SONG, WEI, US
[72] HEILMAN, WILLIAM J., US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2004-02-25
[86] 2002-08-29 (PCT/US2002/027529)
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[30] US (60/316,455) 2001-08-31

[21] **2,462,171**
[13] A1

[51] Int.Cl. 7A61F 2/01
[25] EN
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[54] DISPOSITIF DE PROTECTION DISTALE ET DE RECUPERATION
[72] BEULKE, MEL R., US
[72] VRBA, ANTHONY C., US
[71] BOSTON SCIENTIFIC LIMITED, BB
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[86] 2002-10-17 (PCT/US2002/033192)
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[21] **2,462,173**
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C12P 19/34
[25] EN
[54] METHOD FOR RAPID AMPLIFICATION OF DNA
[54] PROCEDE D'AMPLIFICATION RAPIDE DE L'ADN
[72] JI, WAN, US
[72] KEMPPAINEN, JON, US
[72] GREGG, KEQIN, US
[72] REUS, BONNIE, US
[72] DAVIS, SCOTT, US
[72] TAYLOR, KRISTEN, US
[71] INVITROGEN CORPORATION, US
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[87] 2002-12-19 (WO2002/101022)
[30] US (09/881,565) 2001-06-13

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[13] A1

[51] Int.Cl. 7B25B 13/48 7E04B 1/10
[25] FR
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[54] IMPROVED SANDWICH PANEL-TYPE WALL CONSTRUCTION
[72] ROUMAGERE, LOUIS, FR
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[85] 2004-03-26
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[87] 2003-04-10 (WO2003/028955)
[30] FR (01/12521) 2001-09-28

[21] **2,462,203**
[13] A1

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[25] EN
[54] METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING IMIDAZOQUINOLINE COMPOUNDS
[54] METHODES ET PRODUITS PERMETTANT D'AMELIORER DES REPONSES IMMUNITAIRES A L'AIDE DE COMPOSE D'IMIDAZOQUINOLINE
[72] JURK, MARION, DE
[72] KRIEG, ARTHUR M., US
[72] VOLLMER, JOERG, DE
[72] BRATZLER, ROBERT L., US
[72] SCHETTER, CHRISTIAN, DE
[72] BAUER, STEFAN, DE
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[71] COLEY PHARMACEUTICAL GROUP, INC., US
[71] COLEY PHARMACEUTICAL GMBH, DE
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[25] EN
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[54] MATERIAUX DE COUVERTURE COMPORANT DES REVETEMENTS ARTIFICIELS
[72] ASCHENBECK, DAVID P., US
[72] OLLETT, DAVID B., US
[72] MILLER, CARLA A., US
[71] OWENS CORNING, US
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[86] 2002-10-07 (PCT/US2002/032082)
[87] 2003-04-17 (WO2003/031748)
[30] US (09/975,006) 2001-10-10

[21] 2,462,255
[13] A1

[51] Int.Cl. 7C12N 15/86 7A61K 48/00
[25] EN
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[54] PROCEDE DE REGULATION DE L'EXPRESSION D'UN GENE PORTE PAR UN VECTEUR VIRAL
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[72] IIDA, AKIHIRO, JP
[72] INOUE, MAKOTO, JP
[71] DNAVEC RESEARCH INC., JP
[85] 2004-03-29
[86] 2002-09-27 (PCT/JP2002/010065)
[87] 2003-04-10 (WO2003/029474)
[30] JP (2001-298223) 2001-09-27

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[13] A1

[51] Int.Cl. 7H04N 7/15 7G09B 5/06 7G09B 5/08 7G06F 17/30
[25] EN
[54] SYSTEM AND METHOD FOR TRANSMITTING MULTIMEDIA INFORMATION STREAMS, FOR INSTANCE FOR REMOTE TEACHING
[54] SYSTEME ET PROCEDE POUR TRANSMETTRE DES FLUX D'INFORMATIONS MULTIMEDIA, PAR EXEMPLE, DANS L'ENSEIGNEMENT A DISTANCE
[72] DE PETRIS, GIANLUCA, IT
[72] COSTA LAIA, ALESSANDRO, IT
[72] CORDARA, GIOVANNI, IT
[71] TELECOM ITALIA S.P.A., IT
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[30] IT (TO01A000930) 2001-10-01

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[25] EN
[54] EDIBLE EMULSION SPREAD
[54] PATE A TARTINER EN EMULSION COMESTIBLE
[72] VAN IMMERSEEL, ANTON REID, NL
[72] HUIZINGA, HENDRIK, NL
[72] PELAN, EDWARD G, NL
[71] UNILEVER PLC, GB
[85] 2004-03-26
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[87] 2003-04-17 (WO2003/030648)
[30] EP (01203811.3) 2001-10-08

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[25] EN
[54] COMPOSITE GUIDEWIRE
[54] FILS-GUIDES COMPOSITES
[72] SHIREMAN, BRICE, US
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[54] METHOD FOR PREPARING A COMPOUND FOR INTERACTION OF ACTIVE SUBSTANCES WITH A POROUS SUPPORT USING SUPERCRITICAL FLUID
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[54] POLYNUCLEOTIDES ET POLYPEPTIDES NGZIPA, NGZIPD, PGZIPA ET PGZIPD ET UTILISATIONS DE CEUX-CI
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[72] GREGORY, JOHN, GB
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[30] US (60/404,919) 2002-08-22

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[54] COMPOSITIONS ET PROCEDES PERMETTANT DE TRAITER LA REPONSE CELLULAIRE AUX LESIONS ET AUTRES TROUBLES DE LA PROLIFERATION CELLULAIRE REGULES PAR LA HYALADHERINE ET LES HYALURONANS
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[25] EN
[54] METHODS AND COMPOSITIONS TO EVALUATE ANTIBODY TREATMENT RESPONSE
[54] PROCEDES ET COMPOSITIONS POUR EVALUER LA REPONSE A UN TRAITEMENT A BASE D'ANTICORPS
[72] WATIER, HERVE, FR
[72] CARTRON, GUILLAUME, FR
[72] COLOMBAT, PHILIPPE, FR
[71] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE TOURS, FR
[71] INNATE PHARMA, FR
[85] 2004-04-15
[86] 2002-10-11 (PCT/EP2002/011397)
[87] 2003-05-01 (WO2003/035904)
[30] EP (01402718.9) 2001-10-19

[21] 2,463,950
[13] A1

[51] Int.Cl. 7F03D 11/00
[25] EN
[54] WIND TURBINE WITH CURRENT CONDUCTING MEANS, WHICH ARE PRE-ASSEMBLED IN THE TOWER THEREOF
[54] EOLIENNE PRESENTANT UNE TOUR DANS LAQUELLE DES MOYENS CONDUCTEURS DE COURANT SONT PREASSEMBLES
[72] WOBBEN, ALOY, DE
[71] WOBBEN, ALOY, DE
[85] 2004-04-16
[86] 2002-08-31 (PCT/EP2002/009747)
[87] 2003-05-01 (WO2003/036084)
[30] DE (101 52 557.5) 2001-10-24

[21] 2,463,879
[13] A1

[51] Int.Cl. 7A61K 39/395 7C12P 21/08
[25] EN
[54] GLYCOPROTEIN COMPOSITIONS
[54] COMPOSITIONS DE GLYCOPROTEINE
[72] PRESTA, LEONARD G., US
[71] GENENTECH, INC., US
[85] 2004-04-15
[86] 2002-10-22 (PCT/US2002/033739)
[87] 2003-05-01 (WO2003/035835)
[30] US (60/337,642) 2001-10-25
[30] US (60/347,694) 2002-01-09

[21] 2,463,916
[13] A1

[51] Int.Cl. 7C12N 15/29 7C12N 9/00
7C12N 5/14 7C12N 15/52 7C12Q 1/68
[25] EN
[54] GENE OF ENZYME REACTIVATING DNA DAMAGED BY ULTRAVIOLET LIGHT USING VISIBLE LIGHT
[54] GENE CODANT UNE ENZYME DE PHOTORESTURATION D'ADN ENDOMMAGE PAR LA LUMIERE ULTRAVIOLETTE A L'AIDE DE LA LUMIERE VISIBLE
[72] HIDEMA, JUN, JP
[72] KUMAGAI, TADASHI, JP
[72] YAMAMOTO, KAZUO, JP
[72] HIROUCHI, ATSUSHI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[85] 2004-04-16
[86] 2002-10-11 (PCT/JP2002/010568)
[87] 2003-04-24 (WO2003/033704)
[30] JP (2001-320138) 2001-10-18

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[21] 2,458,868
[13] A1

[51] Int.Cl. 7F01M 11/02 7F02B 63/02
7F02B 75/02 7F01M 11/06
[25] EN
[54] FOUR-STROKE INTERNAL
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[54] MOTEUR A COMBUSTION
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[72] HIRSCH, NICHOLAS ROBERT, US
[72] WIATROWSKI, DARRELL ALBERT,
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[72] SCHAEFER, MARK DONALD, US
[72] BARTEL, RONALD LEE, US
[72] HOTZ, PETER, US
[72] HUBBARD, BRIAN, US
[72] BRAUN, MICHAEL PAUL, US
[71] BRIGGS & STRATTON
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[22] 2000-01-13
[41] 2000-07-27
[62] 2,368,207
[30] US (60/117,215) 1999-01-25

[21] 2,459,325
[13] A1

[51] Int.Cl. 7H04B 7/216 7H04Q 7/38
7H04B 1/69
[25] EN
[54] SPREAD SPECTRUM
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[54] DISPOSITIF DE
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[72] MURAI, HIDESHI, JP
[72] YANO, YASUHIRO, JP
[71] MITSUBISHI DENKI KABUSHIKI
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[22] 1999-03-05
[41] 1999-09-30
[62] 2,325,421
[30] JP (10-080031) 1998-03-26

[21] 2,463,162
[13] A1

[51] Int.Cl. 7G06T 5/50
[25] EN
[54] METHOD AND APPARATUS FOR
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[54] PROCEDE ET DISPOSITIF DE
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[72] ADKINS, SEAN M., US
[72] KUMAR, RAKESH, US
[72] LUBIN, JEFFREY, US
[72] BERGEN, JAMES R., US
[72] SAWHNEY, HARPREET, US
[72] HANNA, KEITH J., US
[71] SARNOFF CORPORATION, US
[22] 1999-08-30
[41] 2000-03-09
[62] 2,342,318
[30] US (60/098,368) 1998-08-28
[30] US (60/123,615) 1999-03-10
[30] US (09/384,118) 1999-08-27

[21] 2,463,163
[13] A1

[51] Int.Cl. 7B24D 18/00
[25] EN
[54] HIGH SPEED GRINDING WHEEL
[54] MEULE GRANDE VITESSE
[72] WU, MIANXUE, US
[72] ASPENSJOE, LARS, DE
[72] CARMAN, LEE A., US
[71] NORTON COMPANY, US
[22] 1998-09-25
[41] 1999-08-05
[62] 2,317,745
[30] US (09/016,823) 1998-01-30

[21] 2,463,176
[13] A1

[51] Int.Cl. 7B01D 57/02
[25] EN
[54] ELECTROPHORESIS METHOD
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[54] METHODE D'ELECTROPHORESE
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[72] CLARK, DAVID, US
[72] GOUDBERG, JOHANN, US
[72] SELBY, BARTON G., US
[71] APPLERA CORPORATION, US
[22] 1999-04-16
[41] 1999-10-17
[62] 2,288,123
[30] US (09/062,381) 1998-04-17

[21] 2,463,370
[13] A1

[51] Int.Cl. 7E06B 9/54 7E06B 9/56
[25] EN
[54] SCREEN DOOR FASTENING
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[54] PROCEDE ET APPAREIL DE
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[72] POPPEMA, JOHN, CA
[71] SCREENLINE INNOVATIONS, INC,
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[22] 2000-12-06
[41] 2001-06-14
[62] 2,393,077
[30] US (60/169,203) 1999-12-06
[30] US (60/227,139) 2000-08-22

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[21] **2,463,660**
[13] A1

[51] Int.Cl. 7A61M 15/00
[25] EN
[54] INHALATION DEVICE
[54] DOSAGE, EMBALLAGE ET
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[72] ABRAMS, ANDREW L., US
[72] FLEMING, SCOTT, US
[72] GUMASTE, ANAND V., US
[71] MICRODOSE TECHNOLOGIES, INC.,
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[22] 1999-06-14
[41] 1999-12-16
[62] 2,334,590
[30] US (09/097,104) 1998-06-12
[30] US (09/097,105) 1998-06-12
[30] US (09/097,106) 1998-06-12

[21] **2,463,665**
[13] A1

[51] Int.Cl. 7A61M 15/00 7B65B 1/02
7B65B 31/02 7B65B 1/04 7G01L 11/04
[25] EN
[54] INHALATION DEVICE
[54] DOSAGE, EMBALLAGE ET
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[72] GUMASTE, ANAND V., US
[72] ABRAMS, ANDREW L., US
[72] FLEMING, SCOTT, US
[71] MICRODOSE TECHNOLOGIES, INC.,
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[22] 1999-06-14
[41] 1999-12-16
[62] 2,334,590
[30] US (09/097,104) 1998-06-12
[30] US (09/097,105) 1998-06-12
[30] US (09/097,106*) 1998-06-12

[21] **2,463,663**
[13] A1

[51] Int.Cl. 7A61M 15/00 7B65B 1/02
7B65B 31/02 7B65B 1/04 7G01L 11/04
[25] EN
[54] INHALATION DEVICE WITH
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[54] DOSAGE, EMBALLAGE ET
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[72] GUMASTE, ANAND V., US
[72] FLEMING, SCOTT, US
[72] ABRAMS, ANDREW L., US
[71] MICRODOSE TECHNOLOGIES, INC.,
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[22] 1999-06-14
[41] 1999-12-16
[62] 2,334,590
[30] US (09/097,104) 1998-06-12
[30] US (09/097,105) 1998-06-12
[30] US (09/097,106) 1998-06-12

[21] **2,463,667**
[13] A1

[51] Int.Cl. 7B62D 65/00
[25] EN
[54] SHEET METAL REPAIR METHOD,
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[54] PROCEDE DE REPARATION DE
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[72] TOKUHARA, EIJI, JP
[72] ITO, AKIO, JP
[71] SPN CO., LTD., JP
[22] 1999-10-14
[41] 2000-06-08
[62] 2,318,623
[30] JP (10/336764) 1998-11-27
[30] JP (11/127329) 1999-05-07

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JANOUCH, PETER	2,306,843	MCNEELY, MICHAEL R.	2,347,182	PAQUET, ANDREW N.	2,172,052
JARVIS, DAVID J.	2,283,622	MCNEIL, KEVIN BENSON	2,434,524	PARINGENIX, INC.	2,261,872
JENSEN, MICHAEL L.	2,112,814	MENTA, ERNESTO	2,183,735	PARNELL, SHANE	2,254,102
JOHNSON, DENNIS W.	2,114,343	METSO PAPER, INC.	2,054,250	PARNELL, TRACY A.	2,254,102
JUNG, ROBERT	2,306,843	METSO PAPER, INC.	2,234,888	PARTRADE TRADING	
KAWAMURA, NAOHISA	2,230,551	MEYER, RICHARD C.	2,134,371	CORPORATION	2,304,671
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PRESSTEK, INC.	2,290,595	SHIFRIN, ROY	2,199,953	UNIVERSITY OF VERMONT	2,183,735
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PROLINE PIPE EQUIPMENT INC.	2,343,285	SIMONELLI, JAMES K.	2,288,502	VAI CLECIM	2,241,001
PROXIMA THERAPEUTICS, INC.	2,296,430	SINGER, MARK S.	2,159,330	VALON KONE OY	2,225,413
RADWANSKI, FRED ROBERT	2,239,800	SISBARRO, FREDERICK P.	2,259,083	VAN PEIJ, DETLEF	2,105,956
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RAISSON, GERARD	2,241,001	SKOOG, HENRY	2,239,800	VOIT, GUIDO	2,250,734
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RHEON AUTOMATIC MACHINERY CO., LTD.	2,270,313	SPINELLI, SILVANO	2,183,735	WESTBAY INSTRUMENTS, INC.	2,240,326
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ROTO-MAJIC INC.	2,353,105	STRASSER, ALFRED	2,259,083	XEROX CORPORATION	2,281,361
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SAINT-HILAIRE, YLIAN	2,192,714	SUGIZAKI, YOSHIKI	2,067,211	ZYZYCK, LEN	2,251,214
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SATO, TORU	2,102,462	TEICHMANN, BODO			
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SCHMIDT, HELMUT	2,143,940	THE PROCTER & GAMBLE COMPANY			
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INDUSTRIES, INC.	2,446,485	BRISEBOIS, DONALD	2,412,792	DELBRIDGE, SCOTT	2,413,112
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ERDMANN, ANDREES	2,450,960	HARADA, KAZUMASA	2,438,419	2,444,838
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ETHICON, INC.	2,433,980	HARRIS, BRADLEY W.	2,450,996	2,451,181
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FORD, JONATHAN	2,449,879	HOLMES, DAVID C.	2,413,584	KIM, KEON SIK
FORD, JONATHAN	2,450,064	HOLMES, FREDERICK J.	2,413,584	KIMBERLY-CLARK
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GEBR.SCHAAD AG RADERFABRIK	2,449,645	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	2,449,367	KOLPIN OUTDOORS, INC.
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GENERAL ELECTRIC COMPANY	2,449,261	INC.	2,450,618	KRAFT FOODS HOLDINGS, INC.
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GRACO CHILDREN'S PRODUCTS INC.	2,450,332	IRONSTONE, JOEL STEVEN	2,450,968	KWOK, KEE-MAN
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		JONLI, ODD MAGNE	2,449,959	2,444,322
		JOO, SUNG-TAE	2,425,534	LALANCETTE, DANIEL
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			2,450,612	LAMBERT, ANTOINE
			2,441,992	LANDIS, MILES D.
			2,449,959	LARSON, PARK E.
			2,425,534	2,441,992
			2,425,534	LAVOIE, ANDRE
			2,450,329	2,410,776
			2,441,992	LEE, NORMAN
			2,449,959	LEGault, MARC-ANTOINE
			2,425,534	2,412,815
			2,425,534	LEGault, MARC-ANTOINE
			2,441,992	2,451,361
			2,449,959	LENHERR, HARALD
			2,425,534	2,450,524
			2,441,992	LEPAGE, PIERRE
			2,449,959	2,412,815
			2,425,534	LEPAGE, PIERRE
			2,441,992	LES ENTREPRISES AIGUISO- PRO INC.
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LI, GUANGHUI	2,451,256	CORPORATION		PARE, JEAN-FRANCOIS	2,451,361
LI, WEIGUANG	2,450,282	MITEL KNOWLEDGE		PARROTT, ROBERT JEFFREY	2,450,571
LIEBL, TROY	2,450,885	CORPORATION	2,451,417	PATENT-TREUHAUND-	
LIN, JUNG-KUEI	2,421,159	MO, KEE JIN	2,433,489	GESELLSCHAFT FUER	
LIN, JUNG-KUEI	2,421,508	MOHR, RAINER	2,451,476	ELEKTRISCHE	
LIPSCOMB, EDWARD	2,450,885	MOK, KWOK TING	2,450,842	GLUEHLAMPEN MBH	2,450,918
LIU, KUEI-LU	2,421,508	MONAI, NOBUHIRO	2,439,363	PATHMAGANTH, RAJAH	
LOBENHOFER, BRIGITTA	2,451,252	MONGRAIN, ROCK	2,455,802	NAGALINGAM	2,410,704
LOBENHOFER, BRIGITTA	2,451,257	MONSHEIMER, SYLVIA	2,437,153	PAUMIER, JAMES J.	2,441,988
LOH, JIMBAY	2,450,181	MORAWSKI, ROMAN Z.	2,413,218	PAUTIS, OLIVIER	2,450,293
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LONGENECKER, MICHEAL L.	2,450,516	MORIN, DENIS	2,451,017	MANOHAR	2,433,961
LOPEZ ALBA, ADELARDO	2,413,590	MORIN, YAN	2,412,815	PENDHARKAR, SANYOG	
LOTT, JOERG	2,450,918	MORIN, YAN	2,451,361	MANOHAR	2,433,994
MAC & MAC HYDRODEMOLITION INC.	2,412,691	MORISHITA, YUICHI	2,450,333	PENDHARKER, SANYOG	
MAC & MAC HYDRODEMOLITION INC.	2,412,693	MUEGGE, JOACHIM	2,437,153	MANOHAR	2,433,980
MACNEIL, DAVID B.	2,412,691	MULDER, JAN	2,450,284	PHILIPPS, MARTIN	2,451,584
MACNEIL, DAVID B.	2,412,693	MURAKAMI, YOSHIKAZU	2,450,595	PLATZ, AXEL	2,451,252
MACNEIL, GERARD J.	2,412,691	MURAKAMI, YOSHIKAZU	2,450,618	PLATZ, AXEL	2,451,257
MACNEIL, GERARD J.	2,412,693	NAKAJI, HIROYA	2,450,529	POPOVIC, MIRJANA	2,451,417
MACNEIL, GORDON W.	2,412,691	NEC INFRONTIA	2,439,363	PRAUD, JEAN-PAUL	2,413,041
MACNEIL, GORDON W.	2,412,693	CORPORATION	2,442,883	PRAUD, JEAN-PAUL	2,451,261
MAENZ, DAVID D.	2,413,240	NEC INFRONTIA	2,443,611	PULLEN, WALTER DAVID	2,448,787
MASSE, YVES	2,413,025	CORPORATION	2,443,651	QUILLEEN, DONNA RICE	2,437,230
MASSETH, JAMES E., JR.	2,450,612	NELSON, KENNETH	2,440,577	RADOSLAW, ROMUALD	
MATSUMOTO, YUJI	2,450,595	NELSON, PAUL B.	2,450,516	ZAKRZEWSKI	2,438,374
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MATTHEWS, ED	2,415,446	NENNERFELT, LEIF	2,451,190	RAMJI, SADRUDIN	2,411,985
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MCPHERSON, MATHEW A.	2,412,687	LTD.	2,421,479	INC.	
MEASUREMENT MICROSYSTEMS A-Z INC.	2,413,218	NIEN MADE ENTERPRISE	2,421,159	REBORN PRODUCTS CO.,	2,450,064
MEDICAL EQUIPMENT DESIGNS INC.	2,450,571	CO., LTD.		INC.	
MEISSNER, FRANZ	2,451,252	NIEN MADE ENTERPRISE	2,421,508	REFINED TECHNOLOGIES,	
MEISSNER, FRANZ	2,451,257	CO., LTD.	2,421,479	INC.	2,432,478
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MENDEZ, IVAN ROMERO	2,450,889	NUMATA, HIDEO	2,450,612	LIMITED	2,413,333
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MICHEAU, PHILIPPE	2,451,261	OLMAN, LARRY S.	2,423,207	RICHTER, FRANK	2,450,453
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		LIMITED	2,450,842	RISSMANN, HUGHES	2,451,361
		ORGAN, LESLIE W.	2,451,635	RISSMANN, HUGUES	2,412,815
		ORGAN, LESLIE WILLIAM	2,450,971	ROBERT, RAYMOND	2,413,041
				ROBERT, RAYMOND	2,451,261
				ROBERTSON, CHRISTOPHER	
				W.	2,435,530

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SIG TECHNOLOGY LTD.	2,450,524	TOYOTA JIDOSHA KABUSHIKI KAISHA	2,450,849	Z-TECH (CANADA) INC.	2,451,059
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SIMMONDS PRECISION PRODUCTS, INC.	2,443,786	TREMBLAY, GUY	2,413,590	Z-TECH (CANADA) INC.	2,451,361
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SMITH, FRED P.	2,450,604	TY-CROP MANUFACTURING LTD.	2,449,263	UEDA, KENICHIRO	2,450,618
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SMITH, KENNETH CARLESS	2,450,971	UEHARA, JUNJI	2,450,595	UEHARA, JUNJI	2,450,595
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BIOFRONTERA PHARMACEUTICALS GMBH	2,462,416	BROOKINGS, DANIEL CHRISTOPHER	2,462,147	CHAWLA, NARINDER K.	2,460,625
BIONOMICS LIMITED	2,461,372	BROOKS, PAUL D.	2,457,447	CHEN, CHIA W.	2,461,953
BIOPHARMA DEVELOPMENT LTD.	2,461,821	BROWN, MICHAEL	2,461,453	CHEN, SONGHUA	2,461,960
BIORA BIOEX AB	2,459,773	BUERGER, ACHIM	2,462,074	CHEN, TAO	2,461,995
BIO-RAD LABORATORIES, INC.	2,461,885	BULLOCK, WILLIAM H.	2,461,132	CHENGPING CHIEN, JOHN	2,462,100
BIOTRON LIMITED	2,457,437	BUNICK, FRANK J.	2,461,682	CHEUNG, LEE CHIK	2,461,866
BISCHOFF, HILMAR	2,462,030	BUNICK, FRANK J.	2,461,865	CHIEN, DAVID	2,460,476
BJORKMAN, RUNE	2,460,072	BURKUS, KENNETH J.	2,461,893	CHINI, AHMAD	2,459,778
BJORNSON, ERIC S.	2,462,448	BURRILL, JOHN C.	2,461,643	CHIRON CORPORATION	2,461,903
BLACK & DECKER INC.	2,457,438	BURRILL, JOHN D.	2,460,476	CHIU, RAYMOND C.	2,462,088
BLAIR, BRYAN MICHAEL	2,461,988	BURTON, DEWEY EDWARD	2,457,353	CHOI, JONG S.	2,461,376
BLAKE, JULIE J.	2,460,476	BURTON, DEWEY EDWARD	2,457,355	CHOI, SOONGYU	2,461,142
BLAKE, JULIE J.	2,460,480	BUSE, KARSTEN	2,461,908	CHOO, BOON HWA ANDRE	2,461,989
BLAKE, JULIE J.	2,460,625	BUSH, ASHLEY I.	2,461,703	CHRISTOPHERSON, RICHARD	
BLOOMBERG, BENTLEY	2,462,105	BUTA, CHRISTIANE	2,461,139	IAN	2,460,001
BOCHNIAK, DAVID JOSEPH	2,462,338	CABALDA-CRANE, VIVIAN MAE	2,457,437	CHUBA, CHARLES JOHN	2,462,022
BOEGELS, ERIK	2,461,786	CADWALLADER, DIANNE	2,461,816	CHUMAKOV, ILYA	2,461,491
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,461,092	CALCHERA, GILLES	2,461,506	CHUNGI, SHUBHA	2,461,958
BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG	2,461,141	CALDARA, MAURO	2,461,945	CHUPKA, DAVID E.	2,461,732
BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.	2,462,338	CARIEL, LEON	2,459,176	CICERONE, MARCUS T.	2,458,794
BOGGS, JANET K.	2,462,100	CARREZ, CHANTAL	2,461,622	CLAIRMONT, KEVIN B.	2,462,462
BONNEFOY, JEAN-YVES	2,460,779	CARROLL, WILLIAM	2,463,622	CLARE, MICHAEL	2,460,680
BONNER, ALFRED E.	2,462,160	CARTRON, GUILLAUME	2,463,746	CLARIANT FINANCE (BVI)	
BONNER, ALFRED E.	2,462,164	CARVER, THEODORE E., JR.	2,462,000	LIMITED	2,461,750
BOON, PAULUS	2,462,136	CASALINI, ALESSANDRO	2,462,137	CLARIANT FINANCE (BVI)	
BOOR, ROGER M.	2,461,902	CASIO COMPUTER CO., LTD.	2,462,134	LIMITED	2,461,751
BOREALIS TECHNOLOGY OY	2,461,667	CASS, ANTHONY E. G.	2,456,117	CLARK, ABBOT F.	2,460,000
BOREK, TANYA	2,461,708	CASSON, KENNETH R.	2,457,450	CLARK, GERALD L.	2,461,760
BORISY, ALEXIS	2,461,946	CELERMAJER, DAVID STEPHEN	2,460,001	CLARK, GRAHAM	2,461,741
BORMIOLI ROCCO & FIGLIO S.P.A.	2,462,111	CELLGEN	2,459,071	CLARK, JAMES W.	2,461,729
BOROWSKY, MARK L.	2,460,625	CELLTECH R&D LIMITED	2,462,147	CLERC, FRANCOIS	2,461,622
BOROWSKY, MARK L.	2,460,953	CENTRAL P BV	2,460,649	CLONTECH LABORATORIES, INC.	
BOSTON SCIENTIFIC LIMITED	2,462,171	CENTRE DE COOPERATION INTERNATIONALE EN RECHERCHE		COBARR S.P.A.	2,460,157
BOSTON SCIENTIFIC LIMITED	2,462,335	AGRONOMIQUE POUR LE DEV ELOPPEMENT - C.I.R.A.D.	2,461,506		2,461,911
BOSTON SCIENTIFIC LIMITED, A CORPORATION OF THE REPUBLIC OF IRELAND	2,457,449	CENTRE HOSPITALIER REGIONAL ET			
BOUCHER, KENNETH	2,463,622				
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COHEN, JOE D.	2,462,946	DELLIS, PHILIPPE	LLC	2,461,651
COHN, MITCHEL	2,462,100	DEMLER, CHRISTOPHER L.	EMERLING, BROOKE M.	2,460,476
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COLEMAN, ANTHONY	2,460,649	DEPATY, ISABELLE	EMERLING, BROOKE M.	2,460,625
COLEY PHARMACEUTICAL GMBH	2,462,203	DEPRETS, STEPHANIE	EMERLING, BROOKE M.	2,460,953
COLEY PHARMACEUTICAL GROUP, INC.	2,462,203	DEPUY FRANCE	EMINI, EMILIO A.	2,461,380
COLLOCA, STEFANO	2,461,380	D'ERASMO, PIETRO	EMMERLING, MICHAEL	2,461,058
COLOMBAT, PHILIPPE	2,463,746	DESJARLAIS, JOHN R.	ENTREMED, INC.	2,457,319
COLOR ACCESS, INC.	2,461,941	DETTLUFF, MARVIN L.	EPIX MEDICAL, INC.	2,461,836
COLOR ACCESS, INC.	2,461,960	DIALYNAS, DENO	ERGUEDEN, JENS-KERIM	2,461,919
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COMBINATORIX, INCORPORATED	2,461,946	DIGIMARC ID SYSTEMS, LLC	ERICKSON, JOHN W.	2,461,853
CONNELLY, ROBERT I.	2,461,970	DILLON, KENNETH R.	ERICKSON, PAUL M.	2,460,381
CONNER, BARRY P.	2,457,319	DISCOVERX, INC.	ERIKSSON, GLEN H.	2,461,526
CONSOLINI, PAOLO	2,461,930	DISCOVERY	ERLANSO, DANIEL A.	2,457,814
COOPER TECHNOLOGY SERVICES, LLC	2,461,736	DISCOVERY COMMUNICATIONS, INC.	EROZ, MUSTAFA	2,457,420
COOPER, DAVID NEIL	2,463,639	DISCOVERY	ERTL, PETER FRANZ	2,461,056
COPOLOV, DAVID L.	2,461,703	DISCOVERY COMMUNICATIONS, INC.	EUROPEAN TAX FREE SHOPPING LIMITED	
CORDARA, GIOVANNI	2,462,257	DISCOVERY	EXELIXIS INC.	2,462,398
CORONADO, MARTIN P.	2,461,718	DISCOVERY COMMUNICATIONS, INC.	F. HOFFMANN-LA ROCHE AG	2,460,944
CORTESE, RICCARDO	2,461,380	DISCOVERY COMMUNICATIONS, INC.	F. HOFFMANN-LA ROCHE AG	2,459,972
CORUS ALUMINIUM WALZPRODUKTE GMBH	2,462,074	DNAVEC RESEARCH INC.	FACCIA, TIZIANO	2,460,073
CORUS L.P.	2,462,074	DNAVEC RESEARCH INC.	FACCIA, TIZIANO	2,461,813
COSTA LAIA, ALESSANDRO	2,462,257	DODD, SIMON	FAESTE, CHRISTIANE	2,461,817
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CRICH, JOYCE Z.	2,460,680	DRUMM, WESLEY C.	FELDERMAN, WILLIAM A., SR.	2,461,708
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CRONE, MARGIE A.	2,461,761	DUE, VERNIE A.	FILIKOV, ANTON	2,462,686
CROWELL, BRIAN R.	2,457,438	DUE, VERNIE A.	FIMOFF, MARK	2,461,245
CRUZ, TONY	2,463,676	DUGGAN, BRENDAN M.	FOLEY, MICHAEL A.	2,461,434
C-SOLUTION INC.	2,461,448	DUMON D'AYOT, FRANCOIS	FONDAZIONE CENTRO SAN RAFFAELE DEL MONTE	2,461,946
CUNNINGHAM, MELISSA M.	2,461,950	DUNAYEVSKIY, YURIY	TABOR	
CURTIS, DAVID C.	2,461,892	DUNCAN, JAMES P.	AKTIENGESSELLSCHAFT	2,461,091
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DAFFRON, MARK G.	2,462,347	DUNN, JOHN J.	KARLSRUBE GMBH	2,457,475
DAGAN, ARIEH	2,461,801	DUNN, ROSANNE DOROTHY	FORSTSTROEM-OLSSON, OLA	2,460,569
DAGEVILLE, BENOIT	2,462,094	DUPIN, THIERRY	FORSYTHE, IAN J.	2,460,526
DAHIYAT, BASSIL I.	2,461,245	DUPRAT DE PAULE, SEBASTIEN	FORSYTHE, IAN J.	2,460,480
DAKSIS, JASMINE I.	2,461,526	EARLS, JIMMY D.	FOSTER, ROBERT T.	2,460,625
D'AMATO, ROBERT	2,457,319	EASON, PAULA DENNEY	FRADET, CLAUDE	2,461,730
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DAVIS, JOHN M.	2,461,723	EDWARDS, ALED	RAYMOND GERALD	2,457,354
DAVIS, MICHAEL L.	2,457,449	EG TECHNOLOGY, INC.	FRANCIS-LANG, HELEN	
DAVIS, SCOTT	2,462,173	EG TECHNOLOGY, INC.	FRANKS, AARON	2,457,355
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DE CHERANCE, FREDERIC	2,462,082	EHRLICH, KLAUS	FREEMAN, LISA M.	2,461,271
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DECORA INTERNATIONAL INC.	2,462,022	ELLIOTT, VICKI S.	FRIGERIO, GILBERTO	2,460,944
DECOMBAZ, JACQUES	2,456,159	ELLIOTT, VICKI S.	FRISTAD, WILLIAM E.	2,462,137
		ELLIOTT, VICKI S.	FROIMOWITZ, MARK	2,462,735
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FUJII, SUMIYA	2,462,123	GOULD, IAN	2,458,777	HAYES, MARK A.	2,458,777
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FUJISAWA PHARMACEUTICAL CO., LTD.	2,461,529	GRAY, THOMAS R.	2,461,968	HECKER, MARKUS	2,461,064
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FUSELIER, JOSEPH A.	2,461,099	GREF, RUXANDRA	2,461,421	HEDRICK, VICKI	2,462,100
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GASCHLER, WOLFGANG	2,461,948	GRiffin, JENNIFER A.	2,460,625	HEMOSYSTEM	2,459,761
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GENENTECH, INC.	2,463,879	GROSS, JONATHAN LAIRD	2,462,156	AFT AUF AKTIEN	2,461,735
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IBC PHARMACEUTICALS	2,463,672	JANSSEN, ROB	2,462,379	KAURA, SITA R.	2,457,443
IEHISA, NOBUAKI	2,461,753	JAPAN AVIATION		KAWASAKI, KAZUNORI	2,462,125
IEHISA, NOBUAKI	2,461,754	ELECTRONICS INDUSTRY		KAZUSA DNA RESEARCH	
IGNACZAK, BRIAN T.	2,461,263	LIMITED	2,462,104	INSTITUTE	2,462,687
IGT	2,461,613	JAPAN AVIATION		KEA-TEC GMBH	2,460,569
IGT	2,461,640	ELECTRONICS INDUSTRY,		KEITH, CURTIS	2,461,946
IGT	2,461,843	LIMITED	2,461,752	KELDENICH, JOERG	2,462,030
IGT	2,461,937	JAPAN CASH MACHINE CO.,		KELDENICH, JORG	2,461,919
IGT	2,461,938	LTD.	2,462,128	KELLEY, ROBERT F.	2,461,292
IHI AEROSPACE CO., LTD.	2,462,125	JAPAN SCIENCE AND		KELLY, BRIAN S.	2,461,931
IIDA, AKIHIRO	2,462,255	TECHNOLOGY AGENCY		KELLY, JAMES V.	2,461,726
IIKUBO, YUICHI	2,462,100	JAPAN SCIENCE AND		KEMPPAINEN, JON	2,462,173
IKONISYS, INC.	2,461,935	TECHNOLOGY AGENCY		KENTEN, JOHN H.	2,459,893
IMANAKA, YOSHIHIKO	2,460,387	JAYANT, NIKIL	2,461,922	KERN, MARTIN	2,460,569
IMMUNEX CORPORATION	2,462,644	JAYANT, NIKIL	2,461,926	KETCHEM, RANDAL R.	2,462,644
IMMUNO-BIOLOGICAL		JEAN, DANIEL	2,459,176	KHARE, REENA	2,460,625
LABORATORIES CO., LTD.	2,461,529	JEANNIN, PASCALE	2,460,779	KIM, JAE, HWANG	2,461,658
IMMUNOGEN, INC.	2,462,085	JENESIS INTERNATIONAL, INC.		KIM, KI JUN	2,462,135
IMMUNOMEDICS, INC.	2,463,672	JENKINS, SHAWN E.	2,456,160	KIM, YOUNG CHO	2,462,135
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INCYTE GENOMICS, INC.	2,460,480	JI, WAN	2,456,160	WORLDWIDE, INC.	2,461,760
INCYTE GENOMICS, INC.	2,460,625	JIN, PEI	2,462,173	KIMBERLY-CLARK	
INGENEUS CORPORATION	2,460,953	JMS CO., LTD.	2,460,476	WORLDWIDE, INC.	2,457,450
INGRAHAM, ROBERT WALTER	2,461,526	JOHNSON, KENT	2,462,123	KIMBERLY-CLARK	
INGVARSSON, LARS	2,461,830	JOHNSON, MARK ELLIOTT	2,459,893	WORLDWIDE, INC.	2,461,729
INNATE PHARMA	2,463,746	JOHNSON, RICHARD	2,461,575	KING'S COLLEGE LONDON	2,461,981
INOUE, ATSUSHI	2,462,131	JOHNSON, TIMOTHY	2,461,626	KIRSNER, JEFF	2,456,208
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INOUE, TSUTOMU	2,462,132	JONES, DAVID E.	2,461,556	KITA, TOSHIO	2,460,387
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INTERMUNE, INC.	2,460,341	JUILLERAT, MARCEL		KLOPPROGGE, CORINNA	2,456,222
INTERMUNE, INC.	2,460,690	ALEXANDRE	2,462,072	KLUENDER, HAROLD C. E.	2,461,144
INTERNATIONAL BUSINESS MACHINES CORPORATION		JUREWICZ, JERZY W.	2,462,067	KLUENDER, HAROLD C. E.	2,461,142
INTIER AUTOMOTIVE INC.	2,462,024	JURK, MARION	2,462,203	KO, JUNG-WAN	2,461,564
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LEE, ERNESTINE A.	2,460,625	LUBER, JOSEPH	2,461,623	MATSUZAWA, HIROSHI	2,462,130
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PFIZER PRODUCTS INC.	2,462,149	REPROCELL INC.	2,462,619	SCHECHTER, DORIS	2,461,627
PHARMACIA AB	2,461,731	RESEARCH TRIANGLE		SCHEPER, PAUL K.	2,461,726
PHARMACIA CORPORATION	2,460,680	INSTITUTE	2,462,093	SCHEPER, WILLIAM MICHAEL	2,457,353
PHARMACIA CORPORATION	2,461,630	REUS, BONNIE	2,462,173	SCHEPER, WILLIAM MICHAEL	2,457,354
PHARMACIA DIAGNOSTICS AB		REUTTER, WERNER	2,461,895	SCHERER, DAVID	2,462,165
PIACSEK, STEVEN B.	2,460,072	REYNOLDS, BRIAN R.	2,462,335	SCHERLING, DIETRICH	2,462,142
PICON, JEAN-PHILIPPE	2,461,727	REYNOLDS, JODIE LYNN	2,461,830	SCHETTER, CHRISTIAN	2,462,203
PIERRE FABRE MEDICAMENT	2,461,455	RHEINISCHE FRIEDRICH-		SCHLEITHOFF, LOTHAR	2,460,944
PIERRE FABRE MEDICAMENT	2,460,779	WILHELMS-		SCHLOTTMANN, GREG A.	2,461,937
PIKE, ROBERT W.	2,462,537	UNIVERSITAET BONN	2,461,908	SCHLOTTMANN, GREG A.	2,461,938
PIPPINS, SHERLOCK K.	2,456,208	RIBAULT, SEBASTIEN	2,459,761	SCHMECK, CARSTEN	2,462,030
PITLIK, JANOS	2,461,953	RICHARD, DANIEL	2,457,363	SCHMELZER, WINFRIED	2,461,147
PLOWMAN, GREGORY D.	2,462,163	RICHARD, ROBERT G.	2,461,131	SCHMID, ROLF	2,461,139
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PONTARIN, LUIGI MARCO	2,461,945	ROCHEREAU, PATRICE	2,462,448	SCHULD, ROBERT	2,461,271
POWELL, SCOTT EDWARD	2,457,353	RODDIGER, RALF	2,461,455	SCHULTHEISS, CHRISTOPH	2,460,569
PPG INDUSTRIES OHIO, INC.	2,457,809	RODNEY, PAUL F.	2,459,972	SCHULTZ, GREG	2,462,335
PRATT, WILLIAM A.	2,461,966	ROEMER, MICKEY	2,457,324	SCHWANITZ, DIETHARD	2,462,075
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PRESSMAN, NORMAN J.	2,462,447	ROESNER, MANFRED	2,461,749	SDGI HOLDINGS, INC.	2,461,643
PRESTA, LEONARD G.	2,463,879	ROGOLL, JUTTA	2,461,622	SEDLAR, ERIC	2,461,854
PREUSS, HARRY G.	2,462,158	ROSENTHAL, DAVID ALAN	2,462,075	SEDLAR, ERIC	2,461,871
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PRIVETT, ZOLLIE W.	2,457,438	ROSSEAU, PATRICK	2,462,037	SEIDEL, DIETRICH	2,462,142
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SILVESTRI, FABIO	2,461,930	SUMIAN, CHRYSLAIN	2,462,120	THE METAL WARE CORPORATION	2,462,097
SITNEY, KAREN C.	2,461,429	SUN PHARMACEUTICAL INDUSTRIES LIMITED	2,461,693	THE PROCTER & GAMBLE COMPANY	2,457,353
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SMITH, ROGER A.	2,461,144	SWEE, MICHAEL	2,462,445	THOMAS, MARTIN	2,461,865
SMITH, SIDNEY K., JR.	2,461,718	SYNGENTA PARTICIPATIONS AG	2,457,319	THUERK, MARCEL	2,460,300
SMS DEMAG AKTIENGESELLSCHAFT	2,461,912	SYNKEM	2,462,335	THUMLER, PETER	2,461,455
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SOLVAY PHARMACEUTICALS GMBH.	2,462,075	TAKAHATA, YOSHIHISA	2,462,125	TOPPAN PRINTING CO., LTD.	2,462,130
SONG, WEI	2,462,169	TAKAOKA, YASUKO	2,462,687	TORIKAI, MASAHIRO	2,461,529
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SOWDEN, HARRY S.	2,461,684	TALTOS S.R.L.	2,461,806	TRAKOWSKI, WALTER	2,461,912
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SPANGENBERG, GERMAN	2,461,058	TANG, Y. TOM	2,460,476		
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SPRAGUE, WILLIAM W.	2,460,625	TANG, Y. TOM	2,460,953		
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