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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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

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

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

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

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

Avis

2. Country Code

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

2. Code des pays

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

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

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

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

4. Commande de brevets par classe ou sous-classe

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

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5. Advice on Making a Patent Application

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

6. Licensing of Patents

Voluntary Licences

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

Compulsory Licences

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

7. Patents Available for Licence or Sale

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

8. List of Patents Available for Licence or Sale

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

2,400,248

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.

2,400,248

9. Applications Open to Public Inspection

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

10. Language of Published Documents

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

9. Demandes mises à la disponibilité du public

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

10. Langue du document publié

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

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11. PATENT COOPERATION TREATY (PCT)

SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004

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

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

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

5. **Late Payment Fee**

50% of the fees that are due, or,
Minimum: Transmittal Fee
Maximum: International Filing Fee

Preliminary Examination

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

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

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

** PCT-SAFE is replacing PCT-EASY.

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

BARÈME DE TAXES À PARTIR DU 26 JUILLET 2004

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

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

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

5. **Taxe pour paiement tardif**

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : taxe de base

Examen préliminaire

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

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

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

** PCT-SAFE remplacera PCT-EASY.

12. PCT notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten).

(See PCT -Applicant's Guide, <http://www.wipo.int>)

Patent Cooperation Treaty (PCT)

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

13. PRACTICE NOTICE

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

12. Avis PCT

Exigences des signatures du PCT

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

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

Traité de Coopération en matière de brevets (PCT)

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

13. ÉNONCÉ DE PRATIQUE

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

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

Time limits under the Patent Cooperation Treaty

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

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

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

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

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

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

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

Provincial and Territorial Holidays

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

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

When Patent and Trade-marks Offices are closed for business

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

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

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

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

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

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

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

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

Notices

14. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 8, 2005 contains applications open to public inspection from February 13, 2005 to February 19, 2005

14. 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 13 février 2005 au 19 février 2005

Avis

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8 mars 2005

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[13] C

[52] 167-139
[51] **Int.Cl. 7A61K 39/395 7A61P 31/04 7C12N 5/12**
[25] EN
[54] **PURIFIED IGM**
[54] **IMMUNOGLOBULINE M PURIFIEE**
[72] DOVE, GEORGE, US
[72] MITRA, GAUTAM, US
[73] BAYER, HEALTHCARE LLC, US
[21] **574,199**
[22] 1988-08-09
[30] US (083,136) 1987-08-10

[11] **2,084,345**
[13] C

[51] **Int.Cl. 5B65G 23/08**
[25] EN
[54] **MODULAR CONVEYOR BELT SEALED SPROCKET DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT PAR PIGNONS SOUS CARTER HERMETIQUE POUR TRANSPORTEUR A COURROIE MODULAIRE**
[72] LEDET, BRENT A., US
[73] LAITRAM, L.L.C., US
[22] 1992-12-02
[30] US (07/815,030) 1991-12-31

[11] **2,092,828**
[13] C

[51] **Int.Cl. 5A63B 31/00 5A63B 31/08 5A63B 31/10 5A63B 31/12 5A63B 31/16**
[25] EN
[54] **SWIMMING AID**
[54] **AIDE DE NATATION**
[72] LEE, TREVOR MARC, AU
[73] LEE, TREVOR MARC, AU
[85] 1993-03-26
[86] 1991-09-30 (PCT/AU1991/000447)
[87] (WO1992/005840)
[30] AU (PK 2567) 1990-09-28

[11] **2,093,172**
[13] C

[51] **Int.Cl. 5B01J 37/20**
[25] FR
[54] **PROCEDE DE PRESULFURATION DE CATALYSEUR DE TRAITEMENT D'HYDROCARBURES**
[54] **PROCESS FOR PRESULFURIZING A CATALYST USED FOR THE TREATMENT OF HYDROCARBONS**
[72] DUFRESNE PIERRE, FR
[72] LE GALL, BERNARD, FR
[72] BERREBI, GEORGES, FR
[73] EUROPEENNE DE RETRAITEMENT DE CATALYSEURS EURECAT, FR
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[30] FR (92/04.051) 1992-04-01

[11] **2,100,212**
[13] C

[51] **Int.Cl. 6A61K 38/48 6A61K 38/36**
[25] EN
[54] **USE OF COMPLEMENT INHIBITORS FOR THE PREPARATION OF A PHARMACEUTICAL FOR THE PROPHYLAXIS AND THERAPY OF INFLAMMATORY INTESTINAL AND SKIN DISORDERS AS WELL AS PURPURA**
[54] **UTILISATION D'INHIBITEURS DU COMPLEMENT DANS LA PREPARATION D'UN PRODUIT PHARMACEUTIQUE POUR LA PROPHYLAXIE ET LE TRAITEMENT DES AFFECTIONS INFLAMMATOIRES DE L'INTESTIN ET DE LA PEAU AINSI QUE DU PURPURA**
[72] ROMISCH, JURGEN, DE
[72] PAQUES, ERIC-PAUL, DE
[72] BARTLETT, ROBERT, DE
[72] DICKNEITE, GERHARD, DE
[73] ZLB BEHRING GMBH, DE
[22] 1993-07-09
[30] DE (P 42 22 534.5) 1992-07-09

[11] **2,104,759**
[13] C

[51] **Int.Cl. 5H01M 4/24 5H01M 4/50**
[25] EN
[54] **ELECTROCHEMICAL CELL**
[54] **CELLULE ELECTROCHIMIQUE**
[72] THACKERAY, MICHAEL M., ZA
[72] GUMMOW, ROSALIND J., ZA
[73] TECHNOLOGY FINANCE CORPORATION (PROPRIETARY) LIMITED, ZA
[22] 1993-08-24
[30] ZA (92/6544) 1992-08-28

[11] **2,105,230**
[13] C

[51] **Int.Cl. 6A61K 38/44 5A61K 7/00**
[25] FR
[54] **COMPOSITION COSMETIQUE OU PHARMACEUTIQUE COMPRENANT EN ASSOCIATION UNE PEROXYDASE ET UN AGENT ANTI-OXYGENE SINGULET**
[54] **PHARMACEUTICAL OR COSMETIC COMPOSITION CONTAINING PEROXIDASE ASSOCIATED WITH AN ANTI-OXYGEN SINGLET AGENT**
[72] N'GUYEN, GUANG LAN, FR
[72] COLIN, CHRISTIAN, FR
[73] L'OREAL, FR
[22] 1993-08-31
[30] FR (92 10 439) 1992-09-01

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[13] C

[51] Int.Cl. 5C12N 15/82 5C11B 1/00
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[25] EN
[54] PLANT PROMOTER INVOLVED IN
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IN SEEDS
[54] STIMULATION DE CROISSANCE
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[72] DE SILVA, JACQUELINE, GB
[72] SAFFORD, RICHARD, GB
[72] HUGHES, STEPHEN G., GB
[73] UNILEVER PLC, GB
[85] 1993-09-24
[86] 1992-04-08 (PCT/GB1992/000627)
[87] (WO1992/018634)
[30] EP (91303098.7) 1991-04-09

[11] 2,109,375
[13] C

[51] Int.Cl. 5C23C 16/02
[25] EN
[54] METHOD FOR MAKING BRIGHT
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[54] PROCEDE DE FABRICATION
D'ARTICLES BRILLANTS EN PARFAIT
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[72] EISFELLER, RICHARD, US
[72] VACHON, GERARD, US
[73] TEXTRON AUTOMOTIVE
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[22] 1993-10-27
[30] US (977,219) 1992-11-16

[11] 2,109,876
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[51] Int.Cl. 5A61F 13/46
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[54] DISPOSABLE SANITARY NAPKIN
[54] SERVIETTE HYGIENIQUE
JETABLE
[72] COSTA CORREA, MAURO FEIJO, BR
[72] SINICIO, TELMA, BR
[72] ACHCAR, FERNANDA SILVEIRA,
BR
[73] MCNEIL-PPC, INC., US
[22] 1993-11-24
[30] BR (PI 9204863) 1992-11-25

[11] 2,110,861
[13] C

[51] Int.Cl. 5A46B 7/02
[25] EN
[54] TOOTHBRUSH
[54] BROSSE A DENTS
[72] JEANNET, ROLAND, DE
[72] LEUTWYLER, ROBERT, CH
[72] LEUTWYLER, WERNER, CH
[73] JOHNSON & JOHNSON CONSUMER
PRODUCTS INC., US
[22] 1993-12-07
[30] DE (P 42 42 355.4) 1992-12-15

[11] 2,117,676
[13] C

[51] Int.Cl. 5C09K 19/40 5G02F 1/13
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[25] EN
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[54] DISPOSITIFS A CRISTAUX
LIQUIDES
[72] COLES, HARRY JAMES, GB
[73] DOW CORNING LIMITED, GB
[22] 1994-09-08
[30] GB (9318776.3) 1993-09-10

[11] 2,120,743
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[51] Int.Cl. 5C07F 9/547 5A61K 31/675
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[54] ANTIVIRAL ACYCLIC
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SUBSTITUTED, ALKENYL AND
ALKYNYL PURINE AND PYRIMIDINE
DERIVATIVES
[54] DERIVES ACYCLIQUES PURINE
ET PYRIMIDINE DE TYPE ALKENYL
ET ALKYNYL AVEC UN SUBSTITUT
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AYANT UNE ACTIVITE ANTIVIRALE
[72] MARTIN, JOHN C., US
[72] BRONSON, JOANNE J., US
[72] YU, KUO-LONG, US
[73] INSTITUTE OF ORGANIC
CHEMISTRY AND BIOCHEMISTRY OF
THE ACADEMY OF SCIENCES OF THE
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[73] REGA STICHLING VZW, BE
[85] 1994-04-06
[86] 1992-10-09 (PCT/US1992/008686)
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[30] US (777,835) 1991-10-11

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[25] EN
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[54] ANALYSEUR METABOLIQUE
[72] HOWARD, CHARLES P., US
[73] AEROSPORT, INC., US
[22] 1994-04-07
[30] US (069,513) 1993-06-01

[11] 2,123,290
[13] C

[51] Int.Cl. 5F28F 9/12 5F28F 9/00 6F28F
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HAUTE TEMPERATURE
[72] CIZMAR, LLOYD EDWARD, US
[72] LEE, JING MING, US
[72] O'CONNOR, THOMAS MICHAEL,
US
[73] THE M.W. KELLOGG COMPANY, US
[22] 1994-05-10
[30] US (084,657) 1993-06-28

[11] 2,124,818
[13] C

[51] Int.Cl. 5B01D 21/26 5B04B 5/12
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METHODS
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[72] BROWN, RICHARD I., US
[73] BAXTER INTERNATIONAL INC., US
[85] 1994-05-31
[86] 1993-03-23 (PCT/US1993/002852)
[87] (WO1994/008687)
[30] US (7/965,088) 1992-10-22

[11] 2,125,119
[13] C

[51] Int.Cl. 5B65D 21/02
[25] EN
[54] STACKABLE LOAD BEARING
TRAY
[54] PLATEAU GERBABLE PORTEUR
[72] BEAUCHAMP, MAURICE, CA
[72] LANOUE, MICHEL, CA
[73] IPL INC., CA
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[13] C

[51] **Int.Cl. 5C12N 9/24 5C12N 1/20**
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[54] **PROCESS FOR PREPARING NEURAMINIDASE**
[54] **METHODE DE PREPARATION DE NEURAMINIDASE**
[72] RIZZA, VICTOR, IT
[72] SCAPAGNINI, UMBERTO, IT
[73] FIDIA S.P.A., IT
[85] 1994-06-16
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[87] (WO1993/012223)
[30] IT (MI91A003375) 1991-12-17

[11] **2,128,186**
[13] C

[51] **Int.Cl. 5B61H 13/36**
[25] EN
[54] **ANTI-ROTATION MEMBER FOR RAILCAR BRAKE BEAM**
[54] **ELEMENT ANTIROTATION POUR TRIANGLE DE FREIN DE WAGON FERROVIAIRE**
[72] JACKSON, ROBERT G., US
[73] TRIAX TUBE COMPANY, US
[22] 1994-07-15
[30] US (114,833) 1993-09-02

[11] **2,128,475**
[13] C

[51] **Int.Cl. 5A46D 9/02 5A46D 1/06**
[25] EN
[54] **DEVICE FOR SELECTIVE SEPARATION OF TOOTHBRUSH BRISTLES AND DEVICE FOR SELECTIVE CUTTING OF TOOTHBRUSH BRISTLES**
[54] **INSTRUMENT POUR LA SEPARATION SELECTIVE DES POILS DE BROUSSE A DENTS ET INSTRUMENT POUR LA COUPURE SELECTIVE DES POILS DE BROUSSE A DENTS**
[72] FALLEIROS, ALEXANDRE PETROCINI, BR
[72] REINESCH, BERNARD, BR
[72] LIMA, PAULO REGORIO BRAGA, BR
[73] JOHNSON & JOHNSON CONSUMER PRODUCTS INC., US
[22] 1994-07-20
[30] BR (PI 9302945) 1993-07-21

[11] **2,130,058**
[13] C

[51] **Int.Cl. 5C23C 8/78**
[25] EN
[54] **PLATINUM GROUP SILICIDE MODIFIED ALUMINIDE COATING PROCESS AND PRODUCT**
[54] **METHODE ET PRODUIT DE REVETEMENT A BASE D'ALUMINURE MODIFIE PAR UN SILICIURE D'UN METAL DU GROUPE DU PLATINE**
[72] ROSE, BERNARD R., US
[72] LAVERY, PATRICK R., US
[73] COLTEC NORTH CAROLINA INC., US
[22] 1994-08-12
[30] US (08/155,617) 1993-11-19

[11] **2,130,163**
[13] C

[51] **Int.Cl. 5C08L 23/10 5C08L 23/08 5C08L 23/16**
[25] EN
[54] **POLYOLEFIN COMPOSITIONS HAVING HIGH BALANCE OF STIFFNESS AND IMPACT STRENGTH**
[54] **COMPOSITION POLYOLEFINIQUE POSSEDANT UN BON EQUILIBRE DE RIGIDITE ET DE RESISTANCE AUX CHOCS**
[72] PELLEGGATTI, GIAMPAOLO, IT
[72] PELLICONI, ANTEO, IT
[72] CIARROCCHI, ANTONIO, IT
[73] MONTELL NORTH AMERICA INC., US
[22] 1994-08-15
[30] IT (MI 93 A 001861) 1993-08-30

[11] **2,131,900**
[13] C

[51] **Int.Cl. 5B01L 3/00**
[25] EN
[54] **LIQUID DISPENSER**
[54] **DISTRIBUTEUR DE LIQUIDE**
[72] LEVINE, MARSHALL S., US
[73] LEVINE, MARSHALL S., US
[85] 1994-09-12
[86] 1993-03-12 (PCT/US1993/002313)
[87] (WO1993/018231)
[30] US (07/849,903) 1992-03-12

[11] **2,134,009**
[13] C

[51] **Int.Cl. 5C07D 487/04 5C07D 471/04 5C08G 18/20**
[25] EN
[54] **BICYCLIC AMIDINES, PROCESS FOR THEIR PREPARATION, AND THEIR USE AS CATALYST**
[54] **AMIDINES BICYCLIQUES, METHODE POUR LEUR OBTENTION ET LEUR UTILISATION COMME CATALYSEUR**
[72] WERBITZKY, OLEG, CH
[72] DAUM, ULRICH, CH
[72] BREGY, RACHEL, CH
[73] LONZA LTD., CH
[22] 1994-10-21
[30] CH (3385/93) 1993-11-11

[11] **2,134,148**
[13] C

[51] **Int.Cl. 5A61F 5/453**
[25] EN
[54] **MALE INCONTINENCE DEVICE**
[54] **DISPOSITIF POUR LES CAS D'INCONTINENCE CHEZ LES HOMMES**
[72] STEER, PETER LESLIE, GB
[72] BANNISTER, GRAHAM DAVID, GB
[72] BARRETT, HOWARD, GB
[73] BRISTOL MYERS SQUIBB COMPANY, US
[22] 1994-10-24
[30] GB (9322234.7) 1993-10-28
[30] GB (9417824.1) 1994-09-05

[11] **2,134,760**
[13] C

[51] **Int.Cl. 5B60G 7/02**
[25] EN
[54] **SUSPENSION FRAME BRACKET**
[54] **SUPPORT DE CADRE DE SUSPENSION**
[72] PIERCE, WILLIAM C., US
[72] GALAZIN, GREGORY T., US
[73] NAI NEWAY, INC., US
[85] 1994-10-31
[86] 1993-09-27 (PCT/US1993/009197)
[87] (WO1994/020320)
[30] US (025,263) 1993-03-02

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[11] **2,136,576**
[13] C

[51] **Int.Cl. 5A61L 2/02 5A61L 2/20**
[25] EN
[54] **IMPROVED NONWOVEN BARRIER AND METHOD OF MAKING THE SAME**
[54] **BARRIERE NON TISSEE AMELIOREE ET METHODE POUR SA FABRICATION**
[72] COHEN, BERNARD, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1994-11-24
[30] US (266,293) 1994-06-27

[11] **2,142,858**
[13] C

[51] **Int.Cl. 6A46B 15/00 6A47L 17/02 6A47L 17/04 6A47K 1/14**
[25] EN
[54] **COMBINED SINK STRAINER STOPPER AND SCRUB BRUSH**
[54] **FILTRE D'EVIER COMBINE A UNE BROSSE A FROTTER**
[72] JACKSON, INGRID, US
[73] JACKSON, INGRID, US
[85] 1995-02-17
[86] 1993-08-16 (PCT/US1993/007639)
[87] (WO1994/004058)
[30] US (932,769) 1992-08-20

[11] **2,150,523**
[13] C

[51] **Int.Cl. 6A61L 2/20**
[25] EN
[54] **PROCESS OF STERILIZATION**
[54] **PROCEDE DE STERILISATION**
[72] POPESCU, MIRON G., US
[72] BEKUS, DAVID F., US
[72] ROUTH, SHAKTI, US
[72] VERA, LUIS E., US
[72] CLARK, THOMAS A., US
[73] ETHICON, INC., US
[22] 1995-05-30
[30] US (08/251,874) 1994-06-01

[11] **2,139,616**
[13] C

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[25] EN
[54] **MOUNTING ARRANGEMENT OF THE BARS SUPPORTING THE GRIPPERS IN MAP-MAKING OR SECURITY-PAPER PRINTING MACHINES**
[54] **DISPOSITIF DE FIXATION POUR LES BARRES SOUTENANT LES PINCES DANS LES MACHINES A IMPRIMER LES CARTES OU LE PAPIER DE SECURITE**
[72] ORLANDINI, DANTE, IT
[73] ORMAG S.P.A., IT
[22] 1995-01-05
[30] IT (MI94A000119) 1994-01-26

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[13] C

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[25] EN
[54] **MULTIPLE LIGATING BAND DISPENSER FOR LIGATING INSTRUMENTS**
[54] **DISTRIBUTEUR DE MULTIPLES BANDES DE LIGATURE POUR INSTRUMENTS DE LIGATURE**
[72] CHU, MICHAEL S. H., US
[72] CHIN, YEM, US
[73] BOSTON SCIENTIFIC CORPORATION, US
[85] 1995-04-07
[86] 1993-09-24 (PCT/US1993/009158)
[87] (WO1994/008517)
[30] US (07/960,081) 1992-10-09

[11] **2,153,239**
[13] C

[51] **Int.Cl. 6C07D 487/04 6C07D 519/00 6A01N 43/90**
[25] EN
[54] **5-ALKOXY-1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE-2(3H)-THIONE COMPOUNDS AND THEIR USE IN THE PREPARATION OF 2,2'-DITHIOBIS(5-ALKOXY-1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE) AND 2-CHLOROSULFONYL-5-ALKOXY-1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE COMPOUNDS**
[54] **COMPOSES 5-ALCOXY-1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE-2(3H)-THIONE ET LEUR UTILISATION DANS LA PREPARATION DE COMPOSES 2,2'-DITHIOBIS(5-ALKOXY-1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE) ET 2-CHLOROSULFONYLE-5-ALCOXY-1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE**
[72] OLMSTEAD, THOMAS A., US
[72] GONZALEZ, MICHAEL A., US
[72] ORVIK, JON A., US
[72] PEARSON, DOUGLAS L., US
[72] RINGER, JAMES W., US
[72] SHIANG, DAWN L., US
[72] TAI, JIMMY J., US
[72] WALLIN, ANNE P., US
[73] DOW AGROSCIENCES LLC, US
[85] 1995-07-04
[86] 1994-10-31 (PCT/US1994/012489)
[87] (WO1995/012596)
[30] US (148790) 1993-11-05

[11] **2,141,963**
[13] C

[51] **Int.Cl. 6B30B 15/34 6D21G 1/00**
[25] EN
[54] **A METHOD OF AND APPARATUS FOR HIGH-SPEED SHEET CALENDERING**
[54] **METHODE ET APPAREIL DE CALANDRAGE DU PAPIER A GRANDE VITESSE**
[72] DAHLGREN, HARVEY, US
[72] JOHNSON, SCOTT R., US
[73] EPIC PRODUCTS INTERNATIONAL CORP., US
[85] 1995-02-06
[86] 1993-08-10 (PCT/US1993/007510)
[87] (WO1994/004347)
[30] US (928,358) 1992-08-12

[11] **2,148,505**
[13] C

[51] **Int.Cl. 6D21H 23/50 6D21H 25/08**
[25] EN
[54] **METHOD AND APPARATUS FOR COATING PAPER OR THE LIKE**
[54] **METHODE ET APPAREIL SERVANT A COUCHER DU PAPIER OU DES PRODUITS ANALOGUES**
[72] SUNDHOLM, PATRICK, FI
[72] DONNELLY, ROBERT, BR
[72] KANGAS, MARTTI, US
[73] SUNDHOLM, PATRICK, FI
[73] DONNELLY, ROBERT, BR
[73] KANGAS, MARTTI, US
[85] 1995-05-02
[86] 1993-11-05 (PCT/FI1993/000453)
[87] (WO1994/011116)
[30] FI (FI 925045) 1992-11-06
[30] FI (FI 934890) 1993-11-05

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[11] **2,156,151**
[13] C

[51] **Int.Cl. 6A47H 13/14**
[25] EN
[54] **CURTAIN HOOK**
[54] **PATERE POUR RIDEAUX**
[72] EISENKOLB, GUSTAAF JOZEF, NL
[73] INPROTEC INTERNATIONAL B.V., NL
[85] 1995-08-15
[86] 1994-10-27 (PCT/NL1994/000264)
[87] (WO1995/011612)
[30] NL (9301873) 1993-10-29

[11] **2,158,859**
[13] C

[51] **Int.Cl. 6C08G 63/91 6C08L 63/00 6C08J 11/04**
[25] EN
[54] **INCREASING THE MOLECULAR WEIGHT OF POLYESTERS AND PREMIX USEFUL FOR THIS PROCESS**
[54] **METHODE POUR AUGMENTER LA MASSE MOLECULAIRE DE POLYESTERS; MELANGE PREALABLE UTILE DANS CETTE METHODE**
[72] PFAENDNER, RUDOLF, DE
[72] HOFFMANN, KURT, DE
[72] HERBST, HEINZ, DE
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 1995-09-21
[86] 1994-04-11 (PCT/EP1994/001108)
[87] (WO1994/024188)
[30] CH (1208/93-2) 1993-04-21

[11] **2,160,547**
[13] C

[51] **Int.Cl. 6A01D 34/73**
[25] EN
[54] **MULCH PLATE**
[54] **PLAQUE DECHIQUETEUSE POUR L'OBTENTION DE PAILLIS**
[72] BUTLER, WALT R., US
[73] BUTLER, WALT R., US
[85] 1995-10-13
[86] 1994-04-15 (PCT/US1994/004185)
[87] (WO1994/023557)
[30] US (047,802) 1993-04-15

[11] **2,162,716**
[13] C

[51] **Int.Cl. 6C07D 305/14 6C08B 37/16 6A61K 31/335 6A61K 31/715**
[25] EN
[54] **INCLUSION COMPLEXES OF TAXOL OR TAXOTERE OR TAXUS EXTRACT FORMED WITH CYCLODEXTRINS, ITS PREPARATION AND USE**
[54] **COMPLEXES D'INSERTION DU TAXOL OU DU TAXOTERE ET D'EXTRAITS DE TAXUS, FORMES AVEC DES CYCLODEXTRINES; PREPARATION ET UTILISATION**
[72] SZENTE, LAJOS, HU
[72] SZEJILI, JOZSEF, HU
[72] VIKMON, ANDRASNE, HU
[71] HEXAL AG, DE
[85] 1995-11-10
[86] 1994-05-09 (PCT/HU1994/000012)
[87] (WO1994/026728)
[30] HU (P 93 01373) 1993-05-12

[11] **2,164,685**
[13] C

[51] **Int.Cl. 6C07C 29/136 6C07C 33/00 6C07F 17/02 6C07C 35/08 6C07C 403/08 6C07C 31/125 6C07D 333/16 6C07C 43/23 6C07C 41/26 6C07D 213/30 6C07D 307/42 6C07D 311/82**
[25] EN
[54] **METHOD FOR PRODUCING AN ALCOHOL**
[54] **METHODE DE FABRICATION D'UN ALCOOL**
[72] OHKUMA, TAKESHI, JP
[72] NOYORI, RYOJI, JP
[72] IKARIYA, TAKAO, JP
[72] OOKA, HIROHITO, JP
[72] HASHIGUCHI, SHOHEI, JP
[72] SEIDO, NOBUO, JP
[73] ,
[73] ,
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[73] TAKASAGO INTERNATIONAL CORPORATION, JP
[73] NKK CORPORATION, JP
[73] NIPPON SODA CO., LTD., JP
[22] 1995-12-07
[30] JP (304070/1994) 1994-12-07
[30] JP (304071/1994) 1994-12-07

[11] **2,169,365**
[13] C

[51] **Int.Cl. 6E21B 10/24**
[25] EN
[54] **A CUTTER FOR A BORING HEAD, A DEVICE FOR ACCOMMODATING THERMALLY EXPANDING GREASE, AND A METHOD OF GREASING BEARINGS IN A CUTTER**
[54] **ORGANE DE COUPE POUR TETE D'ALESAGE, DISPOSITIF POUVANT RECEVOIR DE LA GRAISSE THERMO-EXPANSIBLE ET METHODE DE LUBRIFICATION DES PALIERS DANS UN ORGANE DE COUPE**
[72] STRAND, GORAN, SE
[73] SANDVIK AB, SE
[85] 1996-02-12
[86] 1994-09-20 (PCT/SE1994/000874)
[87] (WO1995/008692)
[30] SE (9303083-1) 1993-09-22

[11] **2,179,515**
[13] C

[51] **Int.Cl. 6E21B 37/06**
[25] EN
[54] **A METHOD FOR INHIBITING THE PLUGGING OF CONDUITS BY GAS HYDRATES**
[54] **PROCEDE DESTINE A EMPECHER L'OBSTRUCTION DE CONDUITS PAR DES HYDRATES DE GAZ**
[72] KLOMP, ULFERT CORNELIS, NL
[72] REIJNHART, RENE, NL
[72] WEISENBORN, ANTON JACOBUS, NL
[72] KRUKA, VITOLD RAIMOND, US
[73] SHELL CANADA LIMITED, CA
[85] 1996-06-19
[86] 1994-12-20 (PCT/EP1994/004248)
[87] (WO1995/017579)
[30] US (171544) 1993-12-21

[11] **2,187,664**
[13] C

[51] **Int.Cl. 6B60G 7/00**
[25] EN
[54] **TRAILING ARM SUSPENSION**
[54] **SUSPENSION A BRAS LONGITUDINAL**
[72] PIERCE, WILLIAM C., US
[72] RICHARDSON, GREGORY A., US
[73] NAI NEWAY, INC., US
[85] 1996-10-10
[86] 1994-04-14 (PCT/US1994/004109)
[87] (WO1995/028294)

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[13] C

[51] **Int.Cl. 6A61K 9/14 6B01J 2/00**
[25] EN
[54] **CONTINUOUS METHOD OF GRINDING PHARMACEUTICAL SUBSTANCES**
[54] **METHODE CONTINUE POUR MOUDRE DES SUBSTANCES PHARMACEUTIQUES**
[72] CZEKAI, DAVID A., US
[72] SEAMAN, LARRY P., US
[73] NANOSYSTEMS L.L.C., US
[85] 1996-11-12
[86] 1995-05-08 (PCT/US1995/005728)
[87] (WO1995/031973)
[30] US (08/249,787) 1994-05-25

[11] **2,191,385**
[13] C

[51] **Int.Cl. 6B62B 17/02 6B62D 55/07**
[25] EN
[54] **SIDE EDGES FOR SKI OF SNOWMOBILE**
[54] **BORDS LATERAUX DE SKI POUR MOTONEIGE**
[72] YAMAMOTO, KAZUHIRO, JP
[72] KOUCHI, TAKAO, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP
[22] 1996-11-27
[30] JP (Hei-8-053759) 1996-02-16

[11] **2,192,664**
[13] C

[51] **Int.Cl. 6C11D 3/60 6C11D 3/04 6C11D 3/20 6C11D 3/26 6C11D 3/43**
[25] EN
[54] **HARD SURFACE CLEANING COMPOSITION CONTAINING INORGANIC ALKALI**
[54] **COMPOSITION DE NETTOYAGE POUR SURFACE DURE CONTENANT DES ALCALINS INORGANIQUES**
[72] TOTOKI, TAKATOSHI, JP
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1996-12-11
[86] 1995-05-04 (PCT/US1995/005102)
[87] (WO1996/000769)
[30] JP (6-149318) 1994-06-30

[11] **2,192,669**
[13] C

[51] **Int.Cl. 6H04N 7/50**
[25] EN
[54] **A RATE-CONTROLLED DIGITAL VIDEO EDITING METHOD AND SYSTEM WHICH CONTROLS BIT ALLOCATION OF A VIDEO ENCODER BY VARYING QUANTIZATION LEVELS**
[54] **PROCEDE D'EDITION DE VIDEO NUMERIQUE A DEBIT CONTROLE ET SYSTEME DE GESTION ALLOUANT L'ALLOCATION D'OCTETS DE CODAGE VIDEO PAR MODIFICATION DES NIVEAUX DE QUANTIFICATION**
[72] AZADEGAN, FARAMARZ, US
[72] YAMAKAGE, TOMOO, JP
[72] KOTO, SHIN-ICHIRO, JP
[72] UNNO, HIROAKI, JP
[72] MIMURA, HIDEKI, JP
[72] KITAMURA, TETSUYA, JP
[72] COOKSON, CHRISTOPHER J., US
[72] THAGARD, GREG B., US
[72] ROSEN, ANDREW DRUSIN, US
[73] TIME WARNER ENTERTAINMENT CO., L.P., US
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 1996-12-11
[86] 1996-04-19 (PCT/US1996/005210)
[87] (WO1996/035998)
[30] US (08/438,014) 1995-05-08
[30] US (08/466,766) 1995-06-06

[11] **2,193,339**
[13] C

[51] **Int.Cl. 6C04B 11/28 6C04B 7/32 6C04B 7/36**
[25] EN
[54] **HYDRAULIC CEMENT WITH ACCELERATED HIGH STRENGTH DEVELOPMENT**
[54] **CIMENT HYDRAULIQUE A DEVELOPPEMENT ACCELERE HAUTE RESISTANCE**
[72] ULIBARRI, RAMON POO, MX
[72] GONZALEZ, WALTER LOPEZ, MX
[72] TORRES, JOSE SACRAMENTO VILLAFANA, MX
[73] CEMEX, S.A. DE C.V., MX
[22] 1996-12-18
[30] MX (962271) 1996-06-10

[11] **2,196,397**
[13] C

[51] **Int.Cl. 6A61C 13/34**
[25] EN
[54] **IMPRESSION COPING**
[54] **COIFFE D'EMPREINTE**
[72] INGBER, ABRAHAM, US
[72] PRESTIPINO, VINCENT JOSEPH, US
[73] NOBEL BIOCARE AB, SE
[22] 1997-01-30
[30] US (08/594,302) 1996-01-31

[11] **2,202,581**
[13] C

[51] **Int.Cl. 6B01J 2/06 6C05F 9/00**
[25] EN
[54] **PROCESS FOR PRODUCING GRANULES**
[54] **PROCESSUS DE PRODUCTION DE GRANULES**
[72] STARMANS, PETER J. M., NL
[72] NIJSTEN, PIETER J. B., NL
[73] DSM IP ASSETS B.V., NL
[22] 1997-04-14
[30] NL (1002862) 1996-04-15

[11] **2,204,514**
[13] C

[51] **Int.Cl. 6B65D 41/04**
[25] EN
[54] **CONTAINER WITH REMOVAL RESISTANT CLOSURE**
[54] **RECIPIENT A BOUCHON RESISTANT A LA SEPARATION**
[72] IMBERY, LEO R., JR., US
[72] ROHR, ROBERT D., US
[73] APTARGROUP, INC., US
[85] 1997-05-05
[86] 1995-03-31 (PCT/US1995/003750)
[87] (WO1996/028361)
[30] US (404,560) 1995-03-15

[11] **2,208,926**
[13] C

[51] **Int.Cl. 6A23C 19/084 6A23C 19/09**
[25] EN
[54] **PROCESSED CHEESE MADE WITH YOGURT**
[54] **FROMAGE TRAITE FAIT AVEC DU YOGHOURT**
[72] BRENTON, BENNETT LEE, US
[72] SEGER, KENT RAYMOND, US
[73] KRAFT FOODS, INC., US
[22] 1997-06-25
[30] US (672,584) 1996-06-28

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[11] **2,209,547**
[13] C

[51] **Int.Cl. 6A01J 25/12**
[25] EN
[54] **BLOCK FORMER**
[54] **PRESSE A FROMAGE EN BLOC**
[72] HOOGLAND, VALENTJIN EISE, NL
[73] TETRA LAVAL HOLDINGS &
FINANCE S.A., CH
[22] 1997-07-04
[30] NL (1003550) 1996-07-09

[11] **2,210,028**
[13] C

[51] **Int.Cl. 6E21B 43/12**
[25] EN
[54] **HYDROSTATIC TOOL WITH
ELECTRICALLY OPERATED SETTING
MECHANISM**
[54] **OUTIL HYDROSTATIQUE AVEC
MECANISME DE REGLAGE
ELECTRIQUE**
[72] BROCKMAN, MARK W., US
[72] LEMBCKE, JEFFREY J., US
[73] BAKER HUGHES INCORPORATED,
US
[22] 1997-07-09
[30] US (08/680,999) 1996-07-16

[11] **2,218,580**
[13] C

[51] **Int.Cl. 6B65D 81/34 6B29C 47/14**
[25] EN
[54] **DISPOSABLE FOOD CONTACT
COMPATIBLE MICROWAVEABLE
CONTAINERS HAVING AT LEAST ONE
MICRONODULAR SURFACE AND
PROCESS FOR THEIR
MANUFACTURE**
[54] **CONTENANTS JETABLES, POUR
LA CUISSON DES ALIMENTS AU FOUR
A MICRO-ONDES, COMPORTANT AU
MOINS UNE SURFACE
MICRONODULAIRE ET LEUR
PROCEDE DE FABRICATION**
[72] SWIONTEK, ANTHONY J., US
[72] LITTLEJOHN, MARK B., US
[72] NECULESCU, CHRISTIAN M., US
[72] ROGERS, RICHARD J., US
[73] FORT JAMES CORPORATION, US
[22] 1997-10-17
[30] US (08/733,463) 1996-10-18
[30] US (08/947,025) 1997-10-08

[11] **2,219,334**
[13] C

[51] **Int.Cl. 6C01B 11/02 6C02F 1/76**
[25] EN
[54] **PROCESS FOR PREPARING A
CHLORINE-DIOXIDE-CONTAINING
DISINFECTANT SOLUTION FOR
WATER TREATMENT**
[54] **PROCEDE DE PREPARATION
D'UNE SOLUTION DESINFECTANTE
RENFERMANT DU DIOXYDE DE
CHLORE POUR LE TRAITEMENT DE
L'EAU**
[72] KUKE, FRITZ, DE
[73] KUKE, FRITZ, DE
[85] 1997-10-24
[86] 1996-04-24 (PCT/DE1996/000772)
[87] (WO1996/033947)
[30] DE (195 14 612.3) 1995-04-25

[11] **2,224,824**
[13] C

[51] **Int.Cl. 6D21C 11/00 6C25B 1/00**
[25] EN
[54] **METHOD FOR PRODUCING
POLYSULFIDES BY ELECTROLYTIC
OXIDATION**
[54] **PROCEDE DE PRODUCTION DE
POLYSULFURES PAR OXYDATION
ELECTROLYTIQUE**
[72] ANDOH, TATSUYA, JP
[72] SHIMOHIRA, TETSUJI, JP
[72] ENDOH, EIJI, JP
[73] KAWASAKI KASEI CHEMICALS
LTD., JP
[85] 1997-12-17
[86] 1997-04-25 (PCT/JP1997/001456)
[87] (WO1997/041295)
[30] JP (8/107335) 1996-04-26

[11] **2,225,842**
[13] C

[51] **Int.Cl. 6G07B 17/02**
[25] EN
[54] **METHOD FOR AUTOMATIC
DETERMINATION OF ORIGINATING
POSTAL CODE USING CALLER ID**
[54] **METHODE UTILISANT LE
NUMERO D'IDENTIFICATION DU
DEMANDEUR POUR DETERMINER
AUTOMATICQUEMENT LE CODE
POSTAL D'ORIGINE**
[72] GRAVELL, LINDA V., US
[72] RYAN, FREDERICK W., JR., US
[73] PITNEY BOWES INC., US
[22] 1997-12-24
[30] US (08/775,818) 1996-12-31

[11] **2,229,663**
[13] C

[51] **Int.Cl. 6B01F 3/04 6B01F 15/00
6B03D 1/16 6B03D 1/20**
[25] EN
[54] **FLOTATION TANK IMPELLER**
[54] **AGITATEUR POUR RESERVOIR
DE FLOTTATION**
[72] SVENSSON, ULF KRISTER, SE
[72] TRUDEL, JOSEPH RENE, US
[72] SCHLITTLER, WILLIAM JOHN, US
[72] PEAKER, RICHARD ASHETON, GB
[73] SVEDALA LIMITED, GB
[85] 1998-02-16
[86] 1996-08-14 (PCT/GB1996/001984)
[87] (WO1997/006892)
[30] GB (9516873.8) 1995-08-17

[11] **2,230,723**
[13] C

[51] **Int.Cl. 6A61K 7/06 6A61K 7/02
6A61K 7/04 6A61K 7/48**
[25] FR
[54] **NANOEMULSION A BASE DE
LIPIDES AMPHIPHILES NON-
IONIQUES ET DE SILICONES
AMINEES ET UTILISATIONS**
[54] **NON-IONIC AMPHIPHILIC LIPID
AND AMINOSILICONE
NANOEMULSION AND ITS USES**
[72] SIMONNET, JEAN-THIERRY, FR
[72] CAZIN, BENEDICTE, FR
[72] CERVANTES, FREDERIC, FR
[73] L'OREAL, FR
[22] 1998-03-18
[30] FR (97 03 283) 1997-03-18

[11] **2,231,155**
[13] C

[51] **Int.Cl. 6A61B 17/04**
[25] EN
[54] **SURGICAL INSTRUMENT FOR
TREATING FEMALE URINARY
INCONTINENCE**
[54] **INSTRUMENT CHIRURGICAL DE
TRAITEMENT DE L'INCONTINENCE
URINAIRE CHEZ LA FEMME**
[72] ULMSTEN, ULF, SE
[73] ETHICON, INC., US
[85] 1998-03-04
[86] 1996-10-08 (PCT/SE1996/001269)
[87] (WO1997/013465)
[30] SE (9503512-7) 1995-10-09

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[11] 2,232,433
[13] C

[51] Int.Cl. 6A61K 7/09
[25] FR
[54] NOUVELLE COMPOSITION
REDUCTRICE ET NOUVEAU
PROCEDE POUR LA DEFORMATION
PERMANENTE DES CHEVEUX
[54] NOVEL REDUCING
COMPOSITION AND NOVEL METHOD
OF PERMANENTLY WAVING OR
RESHAPING HUMAN HAIR
[72] MAUBRU, MIREILLE, FR
[72] BRAIDA-VALERIO, DAMARYS, FR
[73] L'OREAL, FR
[85] 1998-04-09
[86] 1996-10-21 (PCT/FR1996/001643)
[87] (WO1997/015272)
[30] FR (95/12399) 1995-10-20

[11] 2,233,855
[13] C

[51] Int.Cl. 6D21H 23/50
[25] EN
[54] METHOD AND APPARATUS FOR
COATING A MOVING PAPER OR
CARDBOARD WEB
[54] PROCEDE ET APPAREIL DE
REVETEMENT D'UNE BANDE DE
PAPIER OU DE CARTON EN
MOUVEMENT
[72] LUOMI, SEPPO, FI
[72] KIRVESKARI, ERKKI, FI
[72] KOSKINEN, JUKKA, FI
[72] KINNUNEN, JORMA, FI
[72] NISSINEN, VILHO, FI
[73] METSO PAPER, INC., FI
[85] 1998-04-02
[86] 1996-10-07 (PCT/FI1996/000526)
[87] (WO1997/013036)
[30] FI (954745) 1995-10-05

[11] 2,234,044
[13] C

[51] Int.Cl. 6E04D 13/04 6E04B 7/00
[25] EN
[54] ROOFS
[54] TOITS
[72] RICHARDSON, CHRISTOPHER, GB
[73] ULTRAFRAME (UK) LIMITED, GB
[22] 1998-04-03
[30] GB (9727334.6) 1997-12-29

[11] 2,234,575
[13] C

[51] Int.Cl. 6E05B 73/00 6G11B 23/02
6B65D 55/02 6G11B 23/023 6B65D 50/14
[25] EN
[54] SECURITY CONTAINER
[54] CONTENANT DE SECURITE
[72] HITCHINGS, GLENN EDWARD, AU
[73] PRO.LOC INTERNATIONAL
LIMITED, GB
[85] 1998-04-09
[86] 1996-10-10 (PCT/AU1996/000636)
[87] (WO1997/013945)
[30] AU (PN 5901) 1995-10-10

[11] 2,234,962
[13] C

[51] Int.Cl. 6A23L 1/00 6B01J 13/06
6A23L 1/24
[25] EN
[54] FOOD DRESSING
[54] SAUCE ALIMENTAIRE
[72] JONES, MALCOLM GLYN, GB
[72] BIALEK, JADWIGA MALGORZATA,
GB
[72] DE FOUW, NANNEKE JOKE, NL
[72] VAN BODEGOM, BERTUS
MARINUS, NL
[73] UNILEVER PLC, GB
[85] 1998-04-15
[86] 1996-09-18 (PCT/EP1996/004090)
[87] (WO1997/014318)
[30] EP (95307387.1) 1995-10-17

[11] 2,238,057
[13] C

[51] Int.Cl. 6B29C 65/08
[25] EN
[54] A METHOD AND AN APPARATUS
USING ULTRASOUND FOR FIXEDLY
WELDING A CIRCULAR MATERIAL
BLANK
[54] PROCEDE ET DISPOSITIF
UTILISANT DES ULTRASONS POUR
SOUDER A DEMEURE UNE EBAUCHE
CONSTITUEE D'UN MATERIAU DE
FORME CIRCULAIRE
[72] ANDERSSON, ANDERS, SE
[73] TETRA LAVAL HOLDINGS &
FINANCE S.A., CH
[85] 1998-05-19
[86] 1996-12-06 (PCT/SE1996/001606)
[87] (WO1997/023339)
[30] SE (9504629-8) 1995-12-22

[11] 2,239,649
[13] C

[51] Int.Cl. 6H04Q 7/36
[25] EN
[54] METHOD AND APPARATUS FOR
PROVIDING PARTITIONED
TELECOMMUNICATION SERVICES
[54] METHODE ET APPAREIL POUR
FOURNIR DES SERVICES DE
TELECOMMUNICATIONS REPARTIS
[72] AMIN, UMESH J., US
[73] AT&T WIRELESS SERVICES, INC.,
US
[22] 1998-06-04
[30] US (08/882,804) 1997-06-26

[11] 2,239,952
[13] C

[51] Int.Cl. 6A61K 9/70
[25] EN
[54] SURFACE-STABILISED
PHARMACEUTICAL PREPARATION
FOR APPLICATION ON THE SKIN
[54] PREPARATION
PHARMACEUTIQUE A SURFACE
STABILISEE POUR APPLICATION SUR
LA PEAU
[72] HORSTMANN, MICHAEL, DE
[72] LAUX, WOLFGANG, DE
[73] LTS LOHMANN THERAPIE-
SYSTEME AG, DE
[85] 1998-06-08
[86] 1996-12-04 (PCT/EP1996/005411)
[87] (WO1997/021430)
[30] DE (195 46 024.3) 1995-12-09

[11] 2,240,646
[13] C

[51] Int.Cl. 6E21B 36/02 6E21B 43/243
[25] EN
[54] FLAMELESS COMBUSTOR
[54] APPAREIL DE CHAUFFAGE A
COMBUSTION SANS FLAMME
[72] WELLINGTON, SCOTT LEE, US
[72] MIKUS, THOMAS, US
[72] KARANIKAS, JOHN MICHAEL, US
[72] VINEGAR, HAROLD J., US
[73] SHELL CANADA LIMITED, CA
[85] 1998-06-15
[86] 1996-12-17 (PCT/EP1996/005754)
[87] (WO1997/024510)
[30] US (60/009,344) 1995-12-27

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[11] **2,240,815**
[13] C

[51] **Int.Cl. 6E01D 15/12 6E02B 17/00 6E21C 9/00**
[25] EN
[54] **LOAD DISTRIBUTION PLATFORM
PLATE-FORME DE REPARTITION
DE LA CHARGE**
[72] MORISON, ALAN BRUCE, CA
[73] MORISON, ALAN BRUCE, CA
[22] 1998-06-16

[11] **2,241,039**
[13] C

[51] **Int.Cl. 6C04B 14/04 6C04B 20/10 6C04B 16/12 6E04B 1/74**
[25] EN
[54] **INSULATING CONSTRUCTION
MATERIAL**
[54] **MATERIAU DE CONSTRUCTION
ISOLANT**
[72] CIPIN, JOZEF, CA
[73] CIPIN, JOZEF, CA
[22] 1998-06-19

[11] **2,242,763**
[13] C

[51] **Int.Cl. 6E05B 17/20**
[25] EN
[54] **PROTECTION DEVICE FOR BOLT
SEAL AND HASP**
[54] **DISPOSITIF DE PROTECTION
POUR CADENAS-MORAILLON**
[72] BRAMMALL, TERRENCE N., US
[72] STONE, ROBERT E., US
[72] HAMILTON, CRAIG, US
[72] STEVENSON, DAVID L., US
[73] TRANSGUARD INDUSTRIES, INC.,
US
[22] 1998-07-09
[30] US (08/909,247) 1997-08-11

[11] **2,246,017**
[13] C

[51] **Int.Cl. 6A23D 9/007 6A23D 7/005**
[25] EN
[54] **STANOL COMPRISING
COMPOSITIONS**
[54] **COMPOSITIONS COMPRENANT
DU STANOL**
[72] LIEVENSE, LOURUS CORNELIS, BR
[72] AMERONGEN, MARNIX P. VAN, NL
[73] UNILEVER PLC, GB
[22] 1998-08-21
[30] EP (97202598.5) 1997-08-22

[11] **2,250,018**
[13] C

[51] **Int.Cl. 6A61M 1/10 6A61M 25/00 6A61M 1/36**
[25] EN
[54] **INTRAVASCULAR PUMP AND
BYPASS ASSEMBLY AND METHOD
FOR USING THE SAME**
[54] **ENSEMBLE POMPE
INTRAVASCULAIRE ET PONTAGE ET
SON PROCEDE D'UTILISATION**
[72] ROM, PAUL F., US
[72] CORACE, RUSSELL A., US
[73] MEDTRONIC, INC., US
[85] 1998-09-18
[86] 1997-02-05 (PCT/US1997/001909)
[87] (WO1997/039784)
[30] US (08/638,020) 1996-04-25

[11] **2,253,489**
[13] C

[51] **Int.Cl. 6A01G 13/02 6B29C 55/02**
[25] EN
[54] **STRETCHED PLASTIC FILM FOR
AGRICULTURAL USE**
[54] **FILMS EN PLASTIQUE ETIRE A
USAGE AGRICOLE**
[72] JOHNSTONE, PETER, AU
[73] FIRST GREEN PARK PTY. LTD., AU
[85] 1998-11-03
[86] 1997-05-01 (PCT/AU1997/000263)
[87] (WO1997/041721)
[30] AU (PN 9673) 1996-05-03

[11] **2,257,486**
[13] C

[51] **Int.Cl. 6B22D 41/50**
[25] EN
[54] **SUBMERGED NOZZLE FOR THE
CONTINUOUS CASTING OF THIN
SLABS**
[54] **GICLEURS IMMERGES POUR LA
COULEE EN CONTINUE DE PLAQUES
FINES**
[72] ARVEDI, GIOVANNI, IT
[72] BIANCHI, ANDREA, IT
[72] MANINI, LUCIANO, IT
[73] ARVEDI, GIOVANNI, IT
[85] 1998-12-08
[86] 1997-06-16 (PCT/IT1997/000135)
[87] (WO1997/048512)
[30] IT (MI96A001243) 1996-06-19

[11] **2,261,680**
[13] C

[51] **Int.Cl. 6C07D 211/46 6C07D 401/06 6C07D 405/06 6C07D 409/06 6C07D 413/06 6C07D 417/06 6C07D 401/14 6C07D 405/14 6C07D 409/14 6A61K 31/445 6A61K 31/47 6A61K 31/495 6C07C 59/56 6C07D 211/58 6C07D 213/75**
[25] EN
[54] **FLUORINE-CONTAINING 1,4-DISUBSTITUTED PIPERIDINE DERIVATIVES**
[54] **DERIVES DE PIPERIDINE FLUORES A DISUBSTITUTION EN POSITION 1,4**
[72] NISHIKIBE, MASARU, JP
[72] NOMOTO, TAKASHI, JP
[72] OHSAWA, HIROKAZU, JP
[72] KAWAKAMI, KUMIKO, JP
[72] OHWAKI, KENJI, JP
[72] TSUCHIYA, YOSHIMI, JP
[73] BANYU PHARMACEUTICAL CO., LTD., JP
[85] 1999-01-28
[86] 1997-07-28 (PCT/JP1997/002600)
[87] (WO1998/005641)
[30] JP (8/219436) 1996-08-01
[30] JP (9/53979) 1997-02-21

[11] **2,262,776**
[13] C

[51] **Int.Cl. 6C12N 15/11 6C07H 21/00 6A61K 48/00 6C12Q 1/26 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **ANTITUMOR ANTISENSE SEQUENCES DIRECTED AGAINST R1 AND R2 COMPONENTS OF RIBONUCLEOTIDE REDUCTASE**
[54] **SEQUENCES ANTISENS ET ANTITUMORALES DIRIGES CONTE LES CONSTITUANTS R1 ET R2 DE LA RIBONUCLEOTIDE REDUCTASE**
[72] YOUNG, AIPING H., CA
[72] WRIGHT, JIM A., CA
[73] GENESENSE TECHNOLOGIES INC., CA
[85] 1999-02-01
[86] 1997-08-01 (PCT/CA1997/000540)
[87] (WO1998/005769)
[30] US (60/023,040) 1996-08-02
[30] US (60/039,959) 1997-03-07

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[11] **2,264,859**
[13] C

[51] **Int.Cl. 6A23L 1/38**
[25] EN
[54] **PROCESS FOR MAKING NUT SPREAD BY ADDING OIL TO NUT PASTE PRIOR TO HIGH SHEAR MIXING**
[54] **PROCEDE DE FABRICATION DE PRODUITS A BASE DE NOIX A TARTINER PAR ADJONCTION D'HUILE A LA PATE DE NOIX AVANT MELANGE A FORT CISAILLEMENT**
[72] SACKENHEIM, RICHARD JOSEPH, US
[72] FIX, DEBORAH KELLEY, US
[72] WONG, VINCENT YORK-LEUNG, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-03-03
[86] 1997-09-04 (PCT/US1997/015569)
[87] (WO1998/009541)
[30] US (08/708,530) 1996-09-05

[11] **2,267,394**
[13] C

[51] **Int.Cl. 6E06B 11/08**
[25] EN
[54] **ACCESS CONTROL DEVICE FOR SEQUENTIAL DISPLACEMENT OF A PLURALITY OF BARRIERS**
[54] **DISPOSITIF DE CONTROLE DES ENTREES POUR LE DEPLACEMENT SEQUENTIEL D'UNE PLURALITE DE BARRIERES**
[72] MCGUIRE, JOHN DENNIS, CA
[73] BRASCON ARCHITECTURAL PRODUCTS INC., CA
[22] 1999-03-26

[11] **2,268,538**
[13] C

[51] **Int.Cl. 6B01F 7/00**
[25] EN
[54] **ROTARY PULSATION DEVICE**
[54] **DISPOSITIF ROTATIF A PULSATION**
[72] FEDOROV, ALEXANDER DMITRIEVICH, RU
[72] VESELYEV, DMITRY ANATOLIEVICH, RU
[72] VOLKOV, GERMAN ALFREDOVICH, RU
[72] KESEL, BORIS ALEXANDROVICH, RU
[72] GATAULLIN, RUSTEM SHAMGUNOVICH, RU
[72] LEBEDEV, SERGEI GERMANOVICH, RU
[73] INTERNATIONAL PROCESS EQUIPMENT & TECHNOLOGY, INC., US
[85] 1999-04-13
[86] 1996-10-14 (PCT/RU1996/000297)
[87] (WO1998/016304)

[11] **2,273,315**
[13] C

[51] **Int.Cl. 6E01H 1/05**
[25] EN
[54] **ROTARY BROOM MOUNTING**
[54] **SUPPORT POUR BALAI ROTATIF**
[72] BOGNER, PHILIP D., US
[72] VOUGHT, MICHAEL L., US
[72] MILLER, DARIN T., US
[73] CLARK EQUIPMENT COMPANY, US
[22] 1999-05-28
[30] US (09/095,387) 1998-06-10

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

[51] **Int.Cl. 6A61K 9/00 6A61D 7/00 6A61M 31/00**
[25] EN
[54] **EXPANDABLE GASTRO-RETENTIVE THERAPEUTIC SYSTEM WITH CONTROLLED ACTIVE SUBSTANCE RELEASE IN THE GASTRO-INTESTINAL TRACT**
[54] **SYSTEME THERAPEUTIQUE MODIFIABLE DE GASTRO-RETENTION AVEC RELACHEMENT CONTROLE D'UNE SUBSTANCE ACTIVE DANS LE SYSTEME GASTRO-INTESTINAL**
[72] LUDWIG, KARIN, DE
[72] HOFFMANN, HANS-RAINER, DE
[72] CREMER, KARSTEN, DE
[72] ASMUSSEN, BODO, DE
[72] ROREGER, MICHAEL, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 1999-07-12
[86] 1998-01-09 (PCT/EP1998/000099)
[87] (WO1998/031341)
[30] DE (197 00 915.8) 1997-01-14

[11] **2,283,308**
[13] C

[51] **Int.Cl. 6B65G 19/02 6B65G 19/20**
[25] EN
[54] **CONVEYOR HAVING A CUSHIONED BELT AND HIGH SPEED DISCHARGE CAPABILITIES**
[54] **TRANSPORTEUR AVEC COURROIE COUSSINEE ET A CAPACITE DE DECHARGEMENT A HAUTE VITESSE**
[72] BONNET, HENRI, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 1999-09-10
[86] 1998-04-16 (PCT/US1998/007752)
[87] (WO1998/049076)
[30] US (08/845,605) 1997-04-25

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[11] **2,284,394**
[13] C

[51] **Int.Cl. 6B65D 83/38**
[25] FR
[54] **DISTRIBUTEUR AEROSOL
COMPORTANT UN RESERVOIR
SPHERIQUE EN MATIERE PLASTIQUE**
[54] **AEROSOL DISPENSER EQUIPPED
WITH A SPHERICAL PLASTIC
RESERVOIR**
[72] BAUDIN, GILLES, FR
[72] LASSERRE, PIERRE-ANDRE, FR
[73] L'OREAL, FR
[22] 1999-10-01
[30] FR (9812494) 1998-10-06

[11] **2,290,482**
[13] C

[51] **Int.Cl. 7A61K 31/715**
[25] EN
[54] **FRUCTAN CONTAINING
COMPOSITION FOR THE
PREVENTION AND TREATMENT OF
COLON CANCER**
[54] **COMPOSITION CONTENANT DU
FRUCTOSANE POUR LA PREVENTION
ET LE TRAITEMENT DU CANCER DU
COLON ET PROCEDE PREVENTIF ET
THERAPEUTIQUE DU CANCER DU
COLON**
[72] VAN LOO, JAN, BE
[72] FRIPPIAT, ANNE, BE
[73] TIENSE SUIKERRAFFINADERIJ
N.V., BE
[85] 1999-11-19
[86] 1998-05-14 (PCT/EP1998/002864)
[87] (WO1998/052578)
[30] EP (97870069.8) 1997-05-20

[11] **2,292,220**
[13] C

[51] **Int.Cl. 7F16C 11/06**
[25] EN
[54] **ROD END BEARING**
[54] **ROULEMENT D'EMBOUT DE
BIELLE**
[72] JAMES, PAUL ANTHONY, GB
[73] SPRINGFIX LINKAGES LIMITED,
GB
[22] 1999-12-15
[30] GB (9827873.2) 1998-12-18

[11] **2,292,931**
[13] C

[51] **Int.Cl. 7B41L 47/58 7H04L 12/16**
[25] EN
[54] **POSTAGE PRINTING SYSTEM
HAVING SUBSIDIZED PRINTING OF
THIRD PARTY MESSAGES**
[54] **SYSTEME
D'AFFRANCHISSEMENT DU
COURRIER SUBVENTIONNE PAR
L'IMPRESSION DE MESSAGES
COMMANDITES**
[72] RYAN, FREDERICK W., JR., US
[72] PIERCE, JEFFREY D., US
[72] KAYE, STEVEN M., US
[72] HEIDEN, RICHARD W., US
[73] PITNEY BOWES INC., US
[22] 1999-12-22
[30] US (09/224256) 1998-12-30

[11] **2,292,938**
[13] C

[51] **Int.Cl. 7B41L 47/58 7G07B 17/02
7H04L 12/16**
[25] EN
[54] **POSTAGE PRINTING SYSTEM
HAVING VARIABLE SUBSIDIES FOR
PRINTING OF THIRD PARTY
MESSAGES**
[54] **SYSTEME D'IMPRESSION DES
FRAIS D'AFFRANCHISSEMENT A
SUBVENTIONS VARIABLES POUR
L'IMPRESSION DE MESSAGES
COMMANDITES**
[72] KAYE, STEVEN M., US
[72] PIERCE, JEFFREY D., US
[73] PITNEY BOWES INC., US
[22] 1999-12-22
[30] US (09/223504) 1998-12-30

[11] **2,305,286**
[13] C

[51] **Int.Cl. 6B65H 7/08 6B65H 7/12**
[25] EN
[54] **DOCUMENT SENSOR FOR
CURRENCY RECYCLING
AUTOMATED BANKING MACHINE**
[54] **DETECTEUR DE DOCUMENTS
DANS UN GUICHET AUTOMATIQUE
DE BANQUE A RECYCLAGE DE
MONNAIE**
[72] MODI, AL, US
[73] DIEBOLD, INCORPORATED, US
[85] 2000-04-07
[86] 1998-11-19 (PCT/US1998/024942)
[87] (WO1999/028226)
[30] US (60/067,291) 1997-11-28
[30] US (09/193,857) 1998-11-17

[11] **2,305,600**
[13] C

[51] **Int.Cl. 6G01S 5/08 6G05D 1/03**
[25] EN
[54] **METHOD FOR DETERMINING
THE POSITION OF AN AUTOMATED
GUIDED VEHICLE**
[54] **PROCEDE PERMETTANT DE
DETERMINER LA POSITION D'UN
VEHICULE AUTOMATIQUE GUIDE..**
[72] HOLMQUIST, FREDRIK, SE
[73] NDC AUTOMATION AB, SE
[85] 2000-03-30
[86] 1998-10-13 (PCT/SE1998/001840)
[87] (WO1999/021027)
[30] SE (9703779-0) 1997-10-17

[11] **2,308,925**
[13] C

[51] **Int.Cl. 7C09J 189/00 7C09J 133/02
7D21H 19/50 7D21H 19/62**
[25] EN
[54] **SOY PROTEIN THICKENER**
[54] **EPAISSISSANT A BASE DE
PROTEINE DE SOJA**
[72] HOU, KWANG-CHING, US
[72] KRINSKI, THOMAS L., US
[73] PROTEIN TECHNOLOGIES
INTERNATIONAL, INC., US
[22] 2000-05-18
[30] US (09/314,299) 1999-05-19

[11] **2,310,298**
[13] C

[51] **Int.Cl. 7B23K 26/36**
[25] EN
[54] **METHOD OF THREE
DIMENSIONAL LASER ENGRAVING**
[54] **METHODE DE GRAVURE LASER
TRIDIMENSIONNELLE**
[72] WILLIAMS, MARK S.C., US
[73] FOBA-NORTH AMERICA LASER
SYSTEMS I, LLC, US
[22] 2000-05-31
[30] US (09/325,065) 1999-06-03

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[11] **2,315,601**
[13] C

[51] **Int.Cl. 7B65B 7/01**
[25] EN
[54] **PROCESS FOR PRODUCING A CONTAINER HAVING A RESEALABLE CLOSURE**
[54] **PROCESSUS DE FABRICATION D'UN CONTENANT REFERMABLE**
[72] HILL, CALVIN, US
[72] HUTING, ROB, US
[73] SONOCO DEVELOPMENT, INC., US
[22] 2000-08-04

[11] **2,317,313**
[13] C

[51] **Int.Cl. 7A47G 23/06 7A47G 19/02**
[25] EN
[54] **PARTY TRAY**
[54] **PLATEAU DE FETE**
[72] CRESKE, EDWARD J., US
[73] CRESKE CORPORATION, US
[22] 2000-09-05

[11] **2,318,125**
[13] C

[51] **Int.Cl. 7A61K 31/00**
[25] EN
[54] **METHODS AND KITS FOR TREATING VULVOVAGINAL CANDIDIASIS WITH MICONAZOLE NITRATE**
[54] **TECHNIQUES ET KITS DE TRAITEMENT DE LA CANDIDOSE VULVO-VAGINALE A BASE DE NITRATE DE MICONAZOLE**
[72] UPMALIS, DAVID H., US
[73] MCNEIL-PPC, INC., US
[85] 2000-07-19
[86] 1999-11-15 (PCT/US1999/027091)
[87] (WO2000/030626)
[30] US (09/197,019) 1998-11-20

[11] **2,323,132**
[13] C

[51] **Int.Cl. 7A45D 34/00 7A61J 3/00 7B65D 81/32**
[25] FR
[54] **DISPOSITIF DE DISTRIBUTION D'UNE COMPOSITION A GRADIENT DE CONCENTRATION**
[54] **CONCENTRATION-GRADIENT-BASED MECHANISM FOR THE DISTRIBUTION OF A COMPOUND**
[72] DE LAFORCADE, VINCENT, FR
[73] L'OREAL, FR
[22] 2000-10-05
[30] FR (99 12 708) 1999-10-12
[30] FR (99 13 024) 1999-10-19

[11] **2,323,424**
[13] C

[51] **Int.Cl. 6B01L 3/00**
[25] EN
[54] **SAMPLE SUPPORT**
[54] **PORTE-ECHANTILLON**
[72] PETERS, RALF-PETER, DE
[72] UNAL, NEZIH, DE
[72] OSTERLOH, DIRK KLAUS, DE
[72] BACKES, HERBERT, DE
[73] MERLIN GESELLSCHAFT FUR MIKROBIOLOGISCHE DIAGNOSTIKA MBH, DE
[73] STEAG MICROPARTS GMBH, DE
[85] 2000-09-11
[86] 1999-03-11 (PCT/EP1999/001607)
[87] (WO1999/046045)
[30] DE (198 10 499.5) 1998-03-11
[30] DE (199 02 309.3) 1999-01-21

[11] **2,325,099**
[13] C

[51] **Int.Cl. 7B60K 15/05**
[25] EN
[54] **FILLER NECK CLOSURE WITH STATIC CHARGE DISSIPATOR**
[54] **FERMETURE DE COL DE REMPLISSAGE AVEC DISSIPATEUR DE CHARGES STATIQUES**
[72] GRIFFIN, JEFFERY, US
[72] LEVI, LISA, US
[73] STANT MANUFACTURING INC., US
[22] 2000-11-03
[30] US (60/163,613) 1999-11-04

[11] **2,326,679**
[13] C

[51] **Int.Cl. 7A45D 2/42**
[25] FR
[54] **ARTICULATION A RESSORT CACHE POUR ARTICLE DE CHEVELURE**
[54] **RULE JOINT WITH SHIELDED SPRING FOR LOOP ARTICLE**
[72] POTUT, CHRISTIAN, FR
[73] C.S.P. DIFFUSION, FR
[22] 2000-11-23
[30] FR (99 15224) 1999-11-29

[11] **2,327,865**
[13] C

[51] **Int.Cl. 6E05B 65/10**
[25] EN
[54] **PANIC EXIT DEVICE**
[54] **DISPOSITIF DE SORTIE ANTIPANIQUE**
[72] RANZAU, ALBERT E., III, US
[72] DRAKE, GREG, US
[72] HAECK, PAUL, US
[73] DETEX CORPORATION, US
[85] 2000-10-06
[86] 1999-04-05 (PCT/US1999/007494)
[87] (WO1999/051838)
[30] US (09/056,261) 1998-04-07

[11] **2,329,374**
[13] C

[51] **Int.Cl. 7G08C 19/16 7G01G 23/00**
[25] EN
[54] **A PULSE WIDTH MODULATED WEIGHING PLATFORM**
[54] **PLATE-FORME DE PESAGE A MODULATION D'IMPULSIONS EN DUREE**
[72] MAHER, JAMES P., US
[72] MILLER, KENNETH G., US
[72] BASS, EDWARD R., US
[73] PITNEY BOWES INC., US
[22] 2000-12-21
[30] US (09/475,357) 1999-12-30

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8 mars 2005**

[11] **2,334,543**
[13] C

[51] **Int.Cl. 6A61B 17/00**
[25] EN
[54] **DEVICE FOR PREPARING A SPACE BETWEEN ADJACENT VERTEBRAE TO RECEIVE AN INSERT**
[54] **DISPOSITIF DE PREPARATION D'UN ESPACE ENTRE DES VERTEBRES CONTIGUES DESTINE A LOGER UNE PIECE RAPPORTEE**
[72] MICHELSON, GARY KARLIN, US
[73] MICHELSON, GARY KARLIN, US
[85] 2000-12-05
[86] 1999-06-09 (PCT/US1999/012890)
[87] (WO1999/063891)
[30] US (09/094,036) 1998-06-09

[11] **2,335,428**
[13] C

[51] **Int.Cl. 6B01D 53/84 6C02F 3/04 6C02F 3/06 6C02F 3/10 6B01D 53/85**
[25] EN
[54] **METHOD FOR THE BIOLOGICAL PURIFICATION OF WASTE WATERS AND WASTE GASES AND BIOFILTER THEREFOR**
[54] **PROCEDE POUR LA PURIFICATION BIOLOGIQUE DES EAUX USEES ET DES EFFLUENTS GAZEUX ET BIOFILTRE UTILISE POUR CE PROCEDE**
[72] BUELNA, GERARDO, CA
[73] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA
[85] 2000-12-15
[86] 1998-06-30 (PCT/CA1998/000639)
[87] (WO2000/001470)

[11] **2,336,838**
[13] C

[51] **Int.Cl. 7A01J 7/04**
[25] EN
[54] **METHOD AND APPARATUS FOR CLEANING THE UDDER OF A COW**
[54] **PROCEDE ET DISPOSITIF POUR NETTOYER LE PIS OU MAMELLE D'UNE VACHE**
[72] DEWAARD, DAVE, US
[73] DARITECH, INC., US
[85] 2001-01-08
[86] 2000-12-07 (PCT/US2000/033619)
[87] (WO2001/041560)
[30] US (60/170,153) 1999-12-10
[30] US (09/698,433) 2000-10-25

[11] **2,343,058**
[13] C

[51] **Int.Cl. 7C10L 1/14 7C10M 167/00 7C10M 159/04 7C10M 133/06 7C10M 143/06 7C10L 1/16 7C10M 145/16 7C10L 1/18 7C10L 1/22 7C10M 133/34 7C10M 133/36**
[25] EN
[54] **LUBRICATING OIL COMPOSITIONS AND FUELS FOR TWO-CYCLE ENGINES**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE ET CARBURANTS POUR MOTEURS A DEUX TEMPS**
[72] HARTLEY, ROLFE JOHN, US
[72] MENY, EMIL JOSEPH, US
[73] INFINEUM USA LP, US
[85] 2001-03-07
[86] 1999-08-26 (PCT/EP1999/006297)
[87] (WO2000/014185)
[30] US (09/149,328) 1998-09-08

[11] **2,346,587**
[13] C

[51] **Int.Cl. 7C25D 3/56 7B23K 1/19**
[25] EN
[54] **METHOD OF MANUFACTURING AN ALUMINUM PRODUCT**
[54] **METHODE DE FABRICATION D'UN PRODUIT D'ALUMINIUM**
[72] WITTEBROOD, ADRIANUS JACOBUS, NL
[72] MOOIJ, JOOP NICOLAAS, NL
[72] WIJENBERG, JACQUES HUBERT OLGA JOSEPH, NL
[73] CORUS ALUMINIUM WALTZPRODUKTE GMBH, DE
[22] 2001-05-08
[30] WO (PCT/EP00/04608) 2000-05-18
[30] EP (00203304.1) 2000-09-25
[30] EP (01200628.4) 2001-02-21

[11] **2,348,322**
[13] C

[51] **Int.Cl. 7B41J 2/21**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING INTER-COLOR BLEEDING IN LIQUID INK JET PRINTING**
[54] **SYSTEME ET METHODE PERMETTANT DE REDUIRE LA SOLUBILISATION INTER-COULEURS LORS DE L'IMPRESSION PAR JET D'ENCRE LIQUIDE**
[72] XIE, YONGLIN, US
[72] HAWKINS, WILLIAM G., US
[72] MARKHAM, ROGER G., US
[73] XEROX CORPORATION, US
[22] 2001-05-24
[30] US (09/594,689) 2000-06-16

[11] **2,349,672**
[13] C

[51] **Int.Cl. 7B01J 13/02**
[25] FR
[54] **PROCEDE DE PREPARATION DE CAPSULES CONSTITUEES D'UN NOYAU DE MATIERE ACTIVE LIQUIDE ENTOURE D'UNE ECORCE MINERALE**
[54] **METHOD FOR PREPARING CAPSULES CONSISTING OF A LIQUID ACTIVE MATERIAL CORE ENCLOSED IN A MINERAL COATING**
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[72] JOURDAT, CATHERINE, FR
[73] RHODIA CHIMIE, FR
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[54] **HYDROGEN GAS PRODUCING METHOD**
[54] **METHODE DE PRODUCTION D'HYDROGENE GAZEUX**
[72] SUGIE, YOSHIRO, JP
[72] KIMURA, KENZO, JP
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[54] **PROTECTIVE GARMENT WITH LEG PORTIONS AND WITH CUFFS TO PREVENT LIQUIDS FROM ENTERING BOOTS**
[54] **VETEMENT DE PROTECTION POURVU DE JAMBES ET DE BAS DE PANTALON DESTINES A EMPECHER L'INFILTRATION DE LIQUIDES DANS LES BOTTES**
[72] GRILLIOT, WILLIAM L., US
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[73] MORNING PRIDE MANUFACTURING, L.L.C., US
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[54] METHOD FOR INCREASING PET ACTIVITY
[54] PROCEDE PERMETTANT D'AUGMENTER L'ACTIVITE CHEZ LES ANIMAUX DOMESTIQUES
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[72] SCHIFFRIN, EDUARDO, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] SYSTEME DE CONTROLE ET D'INJECTION CHIMIQUE EN BOUCLE FERMEE POUR OPERATIONS DE CHAMPS DE PETROLE
[72] KOHL, KRISTOPHER T., US
[73] BAKER HUGHES INCORPORATED, US
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[54] PROCEDE POUR FABRIQUER UN ENGRAIS AU SULFATE DE POTASSIUM ET AUTRES SULFATES METALLIQUES
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[72] HOLT, TIMOTHY G., US
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[54] MODELE DE MAISON D'HABITATION EN SERIE
[72] COHEN, DAVID LESLIE, US
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[73] INTELLECTUAL PROPERTY, LLC, US
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[72] DESJARDINS, YVON, CA
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[54] TUYAU D'ECHAPPEMENT AVEC DISPOSITIFS LUMINEUX POUR VEHICULES
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[72] COSENZA, FRANK J., US
[73] HUCK PATENTS, INC., US
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[72] WOBLEN, ALOYS, DE
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METHOD OF PLAYING THE SAME**
[54] **JEU ET REGLE DU JEU DE
TRAMPOLINE EN EQUIPE**
[72] ALLISON, DANNY BRIAN, CA
[73] ALLISON, DANNY BRIAN, CA
[22] 2002-09-19

[11] **2,418,205**
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[54] **REDRESSEUSE POSTALE EN
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[72] LAUZON, JOCELYN E., CA
[72] HALL, WILLIAM, CA
[72] LONERGAN, GARY, CA
[72] STEWART, SHAWN, CA
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[72] SULLIVAN, HAL, CA
[73] CANADA POST CORPORATION, CA
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[25] EN
[54] **CENTRIFUGAL SEPARATOR
WITH FLUID INJECTION OPENINGS
FORMED IN A SEPARATE STRIP
INSERT**
[54] **SEPARATEUR CENTRIFUGE
AVEC TROUS D'INJECTION DE
LIQUIDE DANS UNE BANDE
RAPPORTEE DISTINCTE**
[72] KNELSON, BRETT ROBERT HENRY,
CA
[72] ZONNEVELD, EDWIN JOHN
WILLIAM, CA
[72] BARTSCH, VICTOR JAMES, CA
[72] PEACOCKE, KEVIN GORDON, ZW
[73] KNELSON PATENTS INC., CA
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[13] C

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[25] EN
[54] **PHARMACEUTICAL
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PROPIONATE**
[54] **FORMULATION
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DE FLUTICASONE**
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[72] JOHNSON, PAUL, GB
[73] GLAXO GROUP LIMITED, GB
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[13] C

[51] **Int.Cl. 7A01B 1/00 7A01G 1/00**
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[25] EN
[54] **MULTI-PURPOSE GARDEN TOOL**
[54] **OUTIL DE JARDINAGE
POLYVALENT**
[72] SAWATZKY, BRIAN W., CA
[72] SAWATZKY, WAYNE B., CA
[73] SAWATZKY, BRIAN W., CA
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<p>[21] 2,437,104 [13] A1</p> <p>[51] Int.Cl. 7C07D 209/42 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 209/30 7C07D 209/32 7C07D 209/40 [25] EN [54] INDOLE COMPOUNDS [54] COMPOSES D'INDOLE [72] HSIEH, HSING-PANG, XX [72] CHANG, JANG-YANG, XX [72] LIOU, JING-PING, XX [72] CHANG, CHUN-WEI, XX [71] NATIONAL HEALTH RESEARCH INSTITUTES, XX [22] 2003-08-13 [41] 2005-02-13</p>	<p>[21] 2,437,184 [13] A1</p> <p>[51] Int.Cl. 7B07C 5/06 [25] EN [54] COIN SORTING APPARATUS [54] TRIEUSE COMPTEUSE DE MONNAIE [72] LEE, JONG SUK, KR [72] MIN, JIN, KR [71] ROYAL SOVEREIGN INC., KR [22] 2003-08-13 [41] 2005-02-13</p>	<p>[21] 2,437,290 [13] A1</p> <p>[51] Int.Cl. 7B65D 30/08 7B32B 29/00 [25] EN [54] POM PT ONE STEP WITH A CROSS DIRECTIONAL RIPPING-STRIP [54] SAC EN POM PT UN PLI AVEC BANDE DE DECHIRURE TRANSVERSALE [72] BEAULIEU, SYLVAIN, CA [71] HOOD PACKAGING CORPORATION, CA [22] 2003-08-13 [41] 2005-02-13</p>
<p>[21] 2,437,133 [13] A1</p> <p>[51] Int.Cl. 7B61C 17/12 7H04Q 9/00 [25] EN [54] A METHOD AND SYSTEM FOR PROVIDING REMOTE CONTROL FUNCTIONALITY IN COMBINATION WITH A SECONDARY CONTROL SYSTEM [54] METHODE ET SYSTEME FOURNISSANT DES FONCTIONS DE TELECOMMANDE EN COMBINAISON AVEC UN SYSTEME DE COMMANDE SECONDAIRE [72] SZKLAR, OLEH, CA [72] BROUSSEAU, ANDRE, CA [72] HORST, FOLKERT, CA [71] CANAC INC., CA [22] 2003-08-13 [41] 2005-02-13</p>		

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[51] **Int.Cl. 7H02N 3/00 7H01M 14/00**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING ELECTRICAL ENERGY FROM FLUID ENERGY**
[54] **APPAREIL ET METHODE DE PRODUCTION D'ENERGIE ELECTRIQUE A PARTIR D'ENERGIE LIQUIDE**
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[72] KWOK, DANIEL Y., CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2003-08-14
[41] 2005-02-14

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[13] A1
[51] **Int.Cl. 7G01N 3/34 7G06F 17/00 7G06F 19/00 7G01M 5/00 7G01N 29/00**
[25] EN
[54] **APPARATUS FOR THE ELASTIC PROPERTIES MEASUREMENT OF MATERIALS AND METHOD THEREFOR**
[54] **APPAREIL DE MESURE DES PROPRIETES ELASTIQUES DES MATERIAUX ET METHODE CONNEXE**
[72] ALLAIRE, CLAUDE, CA
[72] CARBONNEAU, ALAIN, CA
[71] ALLAIRE, CLAUDE, CA
[71] CARBONNEAU, ALAIN, CA
[22] 2003-08-14
[41] 2005-02-14

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[13] A1
[51] **Int.Cl. 7F03B 13/12**
[25] EN
[54] **ENERGY CONVERTER APPARATUS**
[54] **CONVERTISSEUR ENERGETIQUE**
[72] CASTONGUAY, MICHEL, CA
[71] CASTONGUAY, MICHEL, CA
[22] 2003-08-15
[41] 2005-02-15

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[13] A1
[51] **Int.Cl. 7C02F 1/72 7C02F 1/36 7C02F 1/68 7C02F 1/78**
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[54] **SONIC CONTAMINATED RESOURCE TREATMENT METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE TRAITEMENT SONORE DES RESSOURCES CONTAMINEES**
[72] MOSKAL, EUGENE, CA
[72] SPENCER, H. WILLARD, III, US
[71] MOSKAL, EUGENE, CA
[71] SPENCER, H. WILLARD, III, US
[22] 2003-08-14
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[13] A1
[51] **Int.Cl. 7C02F 9/14 7C02F 1/00 7C02F 9/00 7C02F 3/30**
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[54] **ORGANIC WASTE PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DES DECHETS ORGANIQUES**
[72] GUILFORD, NIGEL GARETH HUGH, CA
[72] POLAND, RONALD JAMES, US
[72] FORRESTAL, BRIAN JOSEPH, CA
[71] GUILFORD, NIGEL GARETH HUGH, CA
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[22] 2003-08-14
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[51] **Int.Cl. 7C08L 9/02 7C08J 5/00 7C08L 13/00 7C08L 27/00 7C08L 23/22**
[25] EN
[54] **BUTYL COMPOSITIONS COMPRISING NITRILE POLYMERS**
[54] **COMPOSITIONS DE BUTYLCAOUTCHOUC COMPRENANT DES POLYMERES DU TYPE NITRILE**
[72] GUERIN, FREDERIC, CA
[72] VON HELLENS, CARL WALTER, CA
[72] GUO, SHARON X., CA
[71] BAYER INC., CA
[22] 2003-08-14
[41] 2005-02-14

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[13] A1
[51] **Int.Cl. 7A61L 2/24 7C02F 1/00 7A47K 1/00 7E03C 1/046 7B08B 3/08 7A61L 2/10 7A61L 2/20 7C02F 1/42 7C02F 1/44 7C02F 1/72**
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[54] **WASHING APPARATUS**
[54] **APPAREIL DE LAVAGE**
[72] CHEN, CHRISTOPHER, CA
[71] CHEN, CHRISTOPHER, CA
[22] 2003-08-18
[41] 2005-02-18

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[13] A1
[51] **Int.Cl. 7B65D 51/24 7B65D 23/00**
[25] FR
[54] **SYSTEME ANTI-MOUCHE (ANTI-BUGS SYSTEM)**
[54] **ANTI-BUG SYSTEM**
[72] PARE, SERGE, CA
[72] RIENDEAU, ALCIDE, CA
[71] PARE, SERGE, CA
[71] RIENDEAU, ALCIDE, CA
[22] 2003-08-19
[41] 2005-02-19

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[13] A1
[51] **Int.Cl. 7F24B 15/00 7F24C 15/00**
[25] EN
[54] **METHOD AND APPARATUS FOR INCREASING RADIANT HEAT GENERATION OF FREE STANDING STOVE**
[54] **METHODE ET APPAREIL POUR AUGMENTER LA PRODUCTION DE CHALEUR PAR RAYONNEMENT D'UN POELE ORDINAIRE**
[72] GREENFIELD, DOUGLAS W., CA
[71] GREENFIELD, DOUGLAS W., CA
[22] 2003-08-18
[41] 2005-02-18

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[13] A1
[51] **Int.Cl. 7D06F 59/00 7A47B 81/00 7F26B 25/00**
[25] EN
[54] **SPORTS CLOTHES DRYING RACK**
[54] **SECHOIR DE VETEMENTS DE SPORT**
[72] MALLEN, FRANK, CA
[71] MALLEN, FRANK, CA
[22] 2003-08-18
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[25] EN
[54] **EARLY WARNING BRAKING SYSTEM FOR AUTOMOBILES**
[54] **SYSTEME D'AVERTISSEMENT DE FREINAGE IMMINENT POUR AUTOMOBILES**
[72] YEN, CHIEN-FU, XX
[72] LIN, WEN-YO, XX
[72] YEN, CHIEH-CHENG, XX
[71] YEN, CHIEN-FU, XX
[71] LIN, WEN-YO, XX
[71] YEN, CHIEH-CHENG, XX
[22] 2003-08-18
[41] 2005-02-18

[21] **2,437,483**
[13] A1

[51] **Int.Cl. 7G01F 23/284 7G01F 23/296**
[25] EN
[54] **A FIELD INTERCHANGEABLE LEVEL MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE DE NIVEAU DE TERRAIN INTERCHANGEABLE**
[72] LYON, QUINTON, CA
[71] SIEMENS MILLTRONICS PROCESS INSTRUMENTS INC., CA
[22] 2003-08-18
[41] 2005-02-15
[30] US (10/642,400) 2003-08-15

[21] **2,437,514**
[13] A1

[51] **Int.Cl. 7A61M 5/32**
[25] EN
[54] **DEVICE FOR REMOVING SYRINGE NEEDLE CAP**
[54] **DISPOSITIF POUR ENLEVER LE CAPUCHON D'UNE AIGUILLE DE SERINGUE**
[72] GAGNON, ANTOINE, CA
[71] GAGNON, ANTOINE, CA
[22] 2003-08-19
[41] 2005-02-19

[21] **2,437,525**
[13] A1

[51] **Int.Cl. 7B66F 3/25**
[25] EN
[54] **JACKS HAVING A DETACHABLE REAR-END HANDLE**
[54] **CRICS A POIGNEE ARRIERE DETACHABLE**
[72] HUNG, VICTOR, XX
[71] MVP (H.K.) INDUSTRIES LIMITED, HK
[22] 2003-08-15
[41] 2005-02-15

[21] **2,437,527**
[13] A1

[51] **Int.Cl. 7A01C 23/04**
[25] FR
[54] **DISPOSITIF POUR L'EPANDAGE DE LISIERS LIQUIDES OU SEMI LIQUIDES ET METHODE UTILISANT LEDIT DISPOSITIF**
[54] **DEVICE FOR THE SPREADING OF LIQUID OR SEMI-LIQUID MANURE AND METHOD USING SAID DEVICE**
[72] LABRECQUE, ROBERT, CA
[71] FERME A.G. & R. LABREQUE INC., CA
[22] 2003-08-15
[41] 2005-02-15

[21] **2,437,533**
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[51] **Int.Cl. 7F16K 17/36 7F16K 35/00 7F24H 9/20**
[25] EN
[54] **FLUID SAFETY DISCHARGE SYSTEM**
[54] **SYSTEME D'EVACUATION DE LIQUIDE DE SECURITE**
[72] DULAC, LAWRENCE M., US
[71] DULAC, LAWRENCE M., US
[22] 2003-08-15
[41] 2005-02-15

[21] **2,437,538**
[13] A1

[51] **Int.Cl. 7B65B 35/36 7B65B 43/42**
[25] EN
[54] **DEVICE FOR FILLING BOXES WITH A NUMBER OF ROWS OF OBJECTS**
[54] **DISPOSITIF PERMETTANT DE REMPLIR DES BOITES D'UN CERTAIN NOMBRE DE RANGEES D'OBJETS**
[72] DI STASIO, MODESTO, IT
[71] DI STASIO, MODESTO, IT
[22] 2003-08-15
[41] 2005-02-15

[21] **2,437,545**
[13] A1

[51] **Int.Cl. 7A42B 3/00**
[25] EN
[54] **HOCKEY HELMET COMPRISING A LATERAL ADJUSTMENT MECHANISM**
[54] **CASQUE DE HOCKEY A MECANISME D'AJUSTEMENT LATERAL**
[72] DUROCHER, JACQUES, CA
[71] BAUER NIKE HOCKEY INC., CA
[22] 2003-08-15
[41] 2005-02-15

[21] **2,437,612**
[13] A1

[51] **Int.Cl. 7B25B 27/14**
[25] EN
[54] **CRIMPING TOOL**
[54] **OUTIL DE SERTISSAGE**
[72] THIBAUT, JACQUES, CA
[71] THIBAUT, JACQUES, CA
[22] 2003-08-15
[41] 2005-02-15

[21] **2,437,626**
[13] A1

[51] **Int.Cl. 7A42B 3/00**
[25] EN
[54] **HOCKEY HELMET COMPRISING AN OCCIPITAL ADJUSTMENT MECHANISM**
[54] **CASQUE DE HOCKEY A MECANISME D'AJUSTEMENT OCCIPITAL**
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[71] BAUER NIKE HOCKEY INC., CA
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[54] **APPARATUS AND METHOD FOR DETERMINING UPLINK CIPHERING ACTIVATION TIME IN UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM USER EQUIPMENT**
[54] **APPAREIL ET METHODE DE DETERMINATION DU TEMPS DE DECLenchement DU CHIFFREMENT SUR LIAISON MONTANTE DANS L'EQUIPEMENT DE L'UTILISATEUR DU SYSTEME DE TELECOMMUNICATIONS MOBILES UNIVERSELLES**
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[72] FARNSWORTH, ANDY, GB
[72] HARRISON, ROBERT J., GB
[71] M-STACK LIMITED, GB
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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING UPLINK CIPHERING ACTIVATION TIME IN UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM USER EQUIPMENT**
[54] **APPAREIL ET METHODE DE DETERMINATION DU TEMPS DE DECLenchement DU CHIFFREMENT SUR LIAISON MONTANTE DANS L'EQUIPEMENT DE L'UTILISATEUR DU SYSTEME DE TELECOMMUNICATIONS MOBILES UNIVERSELLES**
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[72] HARRISON, ROBERT J., GB
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[71] FISKARS CONSUMER OY AB, FI
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[54] **THE HINGED CRANK ARM**
[54] **MANIVELLE ARTICULEE**
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[72] KNIGHT, SCOTT, CA
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[54] **GENERATEUR « INFINITY »**
[72] HEINS, THANE CHRISTOPHER, CA
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[54] **ANTIFOULING PAPERMAKER'S FABRIC**
[54] **TOILE DE PAPETERIE ANTISALISSURE**
[72] MURAKAMI, SHINYA, JP
[71] NIPPON FILCON CO., LTD., JP
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[54] **CEINTURE DE POUTRELLES ISOLANTE**
[54] **INSULATING GIRDLE OF JOISTS**
[72] LALIBERTE, FRANCOIS, CA
[71] LALIBERTE, FRANCOIS, CA
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[54] **CONVERTER OF STEREO SOUND INTO PERIPHERAL SOUND**
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[54] **CODAGE ADAPTATIF POUR CANAL PARTAGE DE TRANSMISSION DE DONNEES**
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[54] **COMPOSITIONS DE BUTYLCAOUTCHOUC DURCISSABLES A L'AIDE DE PEROXYDES**
[72] GRONOWSKI, ADAM A., CA
[72] RESENDES, RUI, CA
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[54] **SUPPORT D'OBJET POUR ARRANGEMENT FLORAL**
[72] SHEEHAN, WILLIAM, US
[71] FLORISTS' TRANSWORLD DELIVERY, INC., US
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[25] EN
[54] **A METHOD FOR DETECTING A RISK FOR SIDS IN PRENATAL AND NEW BORN INFANTS**
[54] **METHODE DE DETECTION DU RISQUE DE MSN CHEZ LES NOURRISSONS**
[72] BERGMANN, JOHANNA, DE
[72] PREDDIE, ENRIQUE, CA
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[54] **APPARATUS, AND AN ASSOCIATED METHOD, FOR PRESERVING COMMUNICATION SERVICE QUALITY LEVELS DURING HAND-OFF OF COMMUNICATIONS IN A RADIO COMMUNICATION SYSTEM**
[54] **APPAREIL ET METHODE CONNEXE DE PRESERVATION DES NIVEAUX DE QUALITE DES SERVICES DE COMMUNICATIONS DURANT LE TRANSFERT DE COMMUNICATIONS DANS UN SYSTEME DE RADIOCOMMUNICATIONS**
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[72] AL, JEFFREY S., US
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[54] **GESTION D'UNITES LOGEES DANS DES ETAGERES D'EQUIPEMENT SUBDIVISEES**
[72] GLASER, DONALD J., US
[72] NISAR, ASHRAF, US
[72] GABRIELSON, CARL E., JR., US
[71] ADC DSL SYSTEMS, INC., US
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[72] GABRIELSON, CARL E., JR., US
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[54] **INTEGRATED DIGITAL SUBSCRIBER LINE TRANSCEIVER**
[54] **EMETTEUR-RECEPTEUR INTEGRE POUR LIGNE D'ABONNE NUMERIQUE**
[72] DISSANAYAKE, RAMYA NIROSHANA, US
[72] LAU, MO-CHING JUSTINE, US
[72] GERLACH, RONALD R., US
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[54] **TRINGLE A CINTRES POUR ARMOIRE A SECHER**
[72] TREMEL, CURTIS J., US
[72] SCHOBER, STEPHEN D., US
[71] MAYTAG CORPORATION, US
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[54] **DELAYED FLOW WATER RESERVOIR FOR A CLOTHES DRYING CABINET AND METHOD OF USE**
[54] **RESERVOIR D'EAU A RETARDEMENT DE VIDANGE POUR ARMOIRE DE SECHAGE DE LINGE, ET METHODE D'UTILISATION**
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[72] PROWS, DENNIS S., US
[72] RYDBERG, DON J., US
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[54] **METHODS FOR INDUCING DIFFERENTIATION OF PLURIPOTENT CELLS**
[54] **METHODES FAVORISANT LA DIFFERENCIATION DE CELLULES PLURIPOTENTES**
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[72] TERATANI, TAKUMI, JP
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[71] EFFECTOR CELL INSTITUTE, INC., JP
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[54] **SYSTEME ET METHODE DE CONTROLE DES POSITIONS D'UN OUTIL ET DE MARQUEURS SUR UN VEHICULE DE TRAVAIL**
[72] BETTIN, LEONARD A., US
[71] CASE, LLC, US
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[54] **PELLE A MAIN POUR LE PLACEMENT DE COULIS DE CIMENT DE MACONNERIE**
[72] AGAZZI, GIOVANNI, US
[72] AGAZZI, STEVEN, US
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[72] KRESS, ROBERT A., US
[71] TRACTECH INC., US
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[72] MANN, DAVID G., US
[71] THE WOOSTER BRUSH COMPANY, US
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[72] PALEY, BRIAN T., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **DISPOSITIF D'ALIGNEMENT REGLABLE POUR CANON DE PERCAGE**
[72] TRISLER, JAMES WESLEY, JR., US
[72] LYSON, BEN STUART, US
[72] NEEDLEMAN, KATHY ELLEN, US
[71] PACCAR INC, US
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[25] EN
[54] **METHODS AND APPARATUS FOR WATER DELIVERY SYSTEMS WITHIN REFRIGERATORS**
[54] **METHODES ET DISPOSITIFS POUR SYSTEMES D'ACHEMINEMENT DE L'EAU DANS LES REFRIGERATEURS**
[72] BANET, ADAM PAUL, US
[72] ROBERTS, JAMES CHRISTOPHER, US
[72] KRAUSE, ANDREW REINHARD, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **A COVERING MATERIAL, CORRESPONDING MANUFACTURING PROCESS AND INTERMEDIATE PRODUCT**
[54] **MATERIAU DE REVETEMENT, PROCEDE DE FABRICATION CONNEXE ET PRODUIT INTERMEDIAIRE**
[72] STROPPIANA, FERNANDO, IT
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[54] **SYSTEM FOR THE PRODUCTION OF BIOGAS AND COMPOST FROM ORGANIC WASTE MATERIALS AND METHOD OF OPERATING A WASTE TREATMENT FACILITY**
[54] **SYSTEME DE FABRICATION DE BIOGAZ ET DE COMPOST PROVENANT DE DECHETS ORGANIQUES ET METHODE D'EXPLOITATION D'UNE INSTALLATION DE TRAITEMENT DES DECHETS**
[72] GUILFORD, NIGEL GARETH HUGH, CA
[72] POLAND, RONALD JAMES, US
[72] FORRESTAL, BRIAN JOSEPH, CA
[71] GUILFORD, NIGEL GARETH HUGH, CA
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[54] **METHOD AND APPARATUS FOR AUTOMATIC DETERMINATION OF PERFORMANCE PROBLEM LOCATIONS IN A NETWORK**
[54] **METHODE ET APPAREIL POUR LOCALISER AUTOMATIQUEMENT LES PROBLEMES DE FONCTIONNEMENT DANS UN RESEAU**
[72] MELOCHE, JEAN, US
[72] DENBY, LORRAINE, US
[72] KARACALI, BENGI, US
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[71] ZEHR, LARRY J., CA
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[54] **ENSEMBLE DE MONTAGE POUR LAMPES A DECHARGE**
[72] MCCULLOUGH, EBON L., US
[72] WILLIAMSON, GLEN P., US
[71] OSRAM SYLVANIA INC., US
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[54] **GENERATION OF ELECTRICITY IN A FIREPLACE USING THERMOELECTRIC MODULE**
[54] **PRODUCTION D'ELECTRICITE DANS UN FOYER AU MOYEN D'UN MODULE THERMOELECTRIQUE**
[72] OJA, DAVID J., US
[72] BACHINSKI, THOMAS J., US
[71] HON TECHNOLOGY INC., US
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[54] **UTILISATIONS DU DORZOLAMIDE**
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[54] **ENSEMBLE DE BEC**
[72] MADDEN, SEAN C., US
[72] GHANNOUM, ZIAD R., US
[72] SUSSMAN, GLENN, US
[72] UNDERWOOD, JOHN R., US
[71] ALCON, INC., CH
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[54] **VOLATILIZABLE MEDIA**
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[54] **SUPPORT DE MATERIAU**
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[72] SCHAFFRAN, DEAN L., US
[72] MAASS, PAUL E., US
[72] RUPE, JEFFREY D., US
[72] KEELER, JOSEPH M., US
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MOLD
[54] **MOULE METALLIQUE REFROIDI**
PAR LIQUIDE
[72] WOBKER, HANS-GUENTER, DE
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[25] EN
[54] **INFLATION VALVE ASSEMBLY**
FOR A DUNNAGE OR CARGO AIR BAG
[54] **ROBINET DE GONFLAGE POUR**
SAC GONFLABLE D'ARRIMAGE OU
DE FRET
[72] SMITH, RODNEY S., US
[72] KEENAN, THOMAS C., US
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[13] A1
[51] **Int.Cl. 7F16K 31/06 7F16L 37/086**
[25] EN
[54] **SOLENOID ACTUATED**
PNEUMATIC VALVE WITH AN
INTEGRATED PASS-THROUGH AND A
QUICK MOUNT BODY
[54] **ELECTROVANNE PNEUMATIQUE**
AVEC OUVERTURE DE TRANSFERT
ET CORPS A MONTAGE RAPIDE
[72] NEFF, ROBERT H., US
[72] WILLIAMS, KEVIN C., US
[71] MAC VALVES, INC., US
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[41] 2005-02-19
[30] US (10/643,667) 2003-08-19

[21] **2,473,770**
[13] A1
[51] **Int.Cl. 7F02M 25/00**
[25] EN
[54] **IN-TANK TIME RELEASE ION**
EXCHANGE RESIN CONTAINING A
FUEL ADDITIVE
[54] **RESINE ECHANGEUSE D'IONS**
CONTENANT UN ADDITIF POUR
COMBUSTIBLE A LIBERATION
CONTROLEE DANS LE RESERVOIR
[72] COLUCCI, WILLIAM J., US
[71] ETHYL PETROLEUM ADDITIVES,
INC., US
[22] 2004-07-12
[41] 2005-02-13
[30] US (10/640,364) 2003-08-13

[21] **2,474,320**
[13] A1
[51] **Int.Cl. 7C10L 1/18 7C10L 10/00**
[25] EN
[54] **USE OF DETERGENT ADDITIVES**
IN HIGH-ETHANOL FUELS FOR
DEPOSIT CONTROL
[54] **UTILISATION D'ADDITIFS**
DETERGENTS DANS DES
CARBURANTS A HAUTE TENEUR EN
ETHANOL POUR REDUIRE LA
FORMATION DE DEPOTS
[72] ZAHALKA, THOMAS L., US
[72] ARADI, ALLEN A., US
[72] COPLEY, KELLY, US
[72] COLUCCI, WILLIAM J., US
[71] ETHYL PETROLEUM ADDITIVES,
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[41] 2005-02-13
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[51] **Int.Cl. 7G01S 5/14 7H03L 7/00**
[25] EN
[54] **GPS RECEIVER WITH**
RECALIBRATION AND METHODS
FOR RECALIBRATING AND
RECONFIGURING A GPS RECEIVER
[54] **RECEPTEUR GPS AVEC SYSTEME**
DE REETALONNAGE ET METHODES
DE REETALONNAGE ET DE
RECONFIGURATION D'UN
RECEPTEUR GPS
[72] VARNER, HOWARD GEORGE, JR.,
US
[72] STANGE, MARK CHESTER, US
[72] YORK, JEFFREY DEAN, US
[72] YEE, DAVID MOON, US
[72] HEPNER, CLINTON CHARLES, US
[72] WALLIS, DAVE RICHARD, US
[71] GENERAL DYNAMICS
CORPORATION, US
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[13] A1

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[25] EN
[54] **METHOD AND APPARATUS FOR SKETCH-BASED DETECTION OF CHANGES IN NETWORK TRAFFIC**
[54] **METHODE ET APPAREIL PERMETTANT DE DETECTER, A PARTIR DE CROQUIS, LES CHANGEMENTS DANS LE TRAFIC RESEAU**
[72] SEN, SUBHABRATA, US
[72] KRISHNAMURTHY, BALACHANDER, US
[72] ZHANG, YIN, US
[72] CHEN, YAN, US
[71] AT&T CORP., US
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[41] 2005-02-14
[30] US (60/495,314) 2003-08-14

[21] **2,474,906**
[13] A1

[51] **Int.Cl. 7C12N 15/54 7A01H 5/00 7C12N 5/04 7A01H 5/10 7C12N 9/12 7C12N 15/29 7C07K 14/415 7C12N 15/82**
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[54] **BRASSICA PYRUVATE DEHYDROGENASE KINASE GENE**
[54] **GENE DE PYRUVATE-DEHYDROGENASE-KINASE DE BRASSICA**
[72] TAYLOR, DAVID C., CA
[72] MARILLIA, ELIZABETH-FRANCE, CA
[72] ZOU, JITAO, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2004-08-16
[41] 2005-02-15
[30] US (10/642,531) 2003-08-15

[21] **2,475,072**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**
[25] EN
[54] **PERFORMANCE ASSESSMENT SYSTEM AND ASSOCIATED METHOD OF INTERACTIVELY PRESENTING ASSESSMENT DRIVEN SOLUTION**
[54] **SYSTEME D'EVALUATION DE LA PERFORMANCE ET METHODE CONNEXE DE PRESENTATION INTERACTIVE DE SOLUTION BASEE SUR L'EVALUATION**
[72] MADDUX, DANIEL, US
[71] API FUND FOR PAYROLL EDUCATION, INC., US
[22] 2004-07-19
[41] 2005-02-14
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[30] US (10/733,442) 2003-12-12

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[25] EN
[54] **TAMPER EVIDENT MULTIPLE DOOR CLOSURE**
[54] **DISPOSITIF DE FERMETURE INVOLABLE POUR COMPARTIMENTS MULTIPLES**
[72] SOLOWIEJKO, GEORGE, US
[71] J.L. CLARK, INC., US
[22] 2004-07-20
[41] 2005-02-19
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[51] **Int.Cl. 7H04L 29/00 7G08C 17/00 7G08C 23/00 7H04L 12/16**
[25] EN
[54] **CONTEXT-SENSITIVE REMOTE CONTROLS**
[54] **TELECOMMANDES SENSIBLES AU CONTEXTE**
[72] ZIGMOND, DANIEL J., US
[72] GREEN, DOV, US
[71] MICROSOFT CORPORATION, US
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[41] 2005-02-15
[30] US (10/641,424) 2003-08-15

[21] **2,475,702**
[13] A1

[51] **Int.Cl. 7C09J 7/02 7E04B 1/68**
[25] EN
[54] **ASSEMBLY TAPE WITH SECTIONAL PROTECTIVE FILM**
[54] **RUBAN D'ASSEMBLAGE AVEC PELLICULE SECTIONNELLE DE PROTECTION**
[72] SIEBER, MARCO, CH
[72] SIEBER, RETO, CH
[71] SILU VERWALTUNG AG, CH
[22] 2004-07-26
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[30] DE (103 37 878.2) 2003-08-18

[21] **2,475,743**
[13] A1

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[54] **RICE BALL STRUCTURE**
[54] **STRUCTURE DE BOULES DE RIZ**
[72] YAO, CHI-YANG, TW
[71] YAO, CHI-YANG, TW
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[41] 2005-02-18
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[13] A1

[51] **Int.Cl. 7D06F 59/02**
[25] EN
[54] **HANDWEAR AND FOOTWEAR DRYER RACK WITH REMOVABLE PORTABLE HEATER**
[54] **SECHOIR POUR GANTS, MOUFLES ET ARTICLES CHAUSSANTS AVEC APPAREIL DE CHAUFFAGE PORTATIF AMOVIBLE**
[72] DEBLOIS, JEAN-PIERRE, CA
[71] DEBLOIS, JEAN-PIERRE, CA
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[41] 2005-02-18
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[13] A1

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[54] **INDUSTRIAL HANGER**
[54] **ETRIER DE SUSPENSION INDUSTRIEL**
[72] HARTWICK, SAM K., US
[71] HARTWICK, SAM K., US
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[41] 2005-02-15
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[13] A1

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[54] **HOLLOW PROFILE FOR SECURING OBJECTS**
[54] **PROFILE CREUX DE FIXATION D'OBJETS**
[72] STEINGRUBER, ADRIAN, DE
[72] BIRNBAUM, ULRICH, DE
[72] UNVERZAGT, STEFAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2004-07-28
[41] 2005-02-16
[30] DE (10337680.1) 2003-08-16

[21] **2,475,888**
[13] A1

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[25] EN
[54] **WEATHERPROOF COMPRESSION CONNECTING ASSEMBLY FOR SECURING ELECTRICAL METAL TUBING**
[54] **RACCORD A COMPRESSION ETANCHE POUR LA FIXATION D'UN CONDUIT ELECTRIQUE METALLIQUE**
[72] KIELY, KENNETH M., US
[71] BRIDGEPORT FITTINGS, INC., US
[22] 2004-07-28
[41] 2005-02-13
[30] US (10/639,907) 2003-08-13

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[13] A1

[51] **Int.Cl. 7E21B 19/16 7B25B 13/52**
[25] EN
[54] **PIPE SPINNER**
[54] **DISPOSITIF DE ROTATION D'UN TUYAU**
[72] DRZEWIECKI, LOPEK, CA
[71] NATIONAL-OILWELL, L.P., US
[22] 2004-07-28
[41] 2005-02-13
[30] US (10/640,531) 2003-08-13

[21] **2,476,106**
[13] A1

[51] **Int.Cl. 7C08J 3/03**
[25] EN
[54] **PREPARATION OF MULTIMODAL POLYMER DISPERSIONS USING POLYMERIC STABILIZERS, AND USE THEREOF**
[54] **PREPARATION DE DISPERSIONS DE POLYMERES A DISTRIBUTION MULTIMODALE A L'AIDE DE STABILISANTS POLYMERES ET UTILISATION CONNEXE**
[72] MUELLER, HARMIN, DE
[71] CELANESE EMULSIONS GMBH, DE
[22] 2004-07-30
[41] 2005-02-13
[30] DE (103 37 183.4-44) 2003-08-13

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[13] A1

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[25] EN
[54] **DISPOSITIF DE MISE EN COMMUNICATION DE DEUX CONDUITS A MOYENS DE DESTRUCTION**
[54] **DEVICE FOR PLACING TWO DESTRUCTIVE CONDUITS IN COMMUNICATION**
[72] GARRIGUES, JEAN-CLAUDE, FR
[72] LAULHE, RENE, FR
[71] KSB S.A.S., FR
[22] 2004-07-30
[41] 2005-02-14
[30] FR (03 09941) 2003-08-14

[21] **2,476,160**
[13] A1

[51] **Int.Cl. 7B67D 5/08 7B67D 5/04**
[25] EN
[54] **METHOD FOR CORRECTIVELY CONTROLLING A GAS RECIRCULATION SYSTEM AT A FILLING STATION**
[54] **METHODE DE COMMANDE APPROPRIEE D'UN SYSTEME DE RECIRCULATION DU CARBURANT A UNE STATION-SERVICE**
[72] KUNTER, STEFAN, DE
[72] WILLMER, KLAUS, DE
[72] MAURER, CHRISTIAN, DE
[72] SCHRITTENLACHER, WOLFGANG, DE
[71] FAFNIR GMBH, DE
[22] 2004-07-30
[41] 2005-02-14
[30] DE (103 37 800.6) 2003-08-14

[21] **2,476,168**
[13] A1

[51] **Int.Cl. 7H01L 51/30 7C07C 13/15 7C07C 15/20 7C07C 13/24 7H01L 51/40**
[25] EN
[54] **DOPED ORGANIC SEMICONDUCTOR MATERIALS AND PROCESS FOR THEIR PREPARATION**
[54] **MATERIAUX SEMICONDUCTEURS ORGANIQUES DOPES, ET PROCEDE DE PREPARATION**
[72] LI, FENGHONG, DE
[72] WERNER, ANSGAR, DE
[72] PFEIFFER, MARTIN, DE
[71] NOVALED GMBH, DE
[22] 2004-07-29
[41] 2005-02-18
[30] DE (10338406.5-33) 2003-08-18

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[13] A1

[51] **Int.Cl. 7D21C 5/02 7C08J 11/06**
[25] EN
[54] **RECYCLING OF LATEX-CONTAINING BROKE**
[54] **RECYCLAGE DE CASSES DE FABRICATION DE PAPIER CONTENANT DU LATEX**
[72] ANDERSON, RALPH, US
[72] THOMPSON, TAMMY, US
[72] WENGLER, WILLIAM, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 2004-08-04
[41] 2005-02-18
[30] US (10/643,014) 2003-08-18

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[13] A1

[51] **Int.Cl. 7G06F 13/00 7A61G 11/00 7G08C 23/04**
[25] EN
[54] **INFRARED COMMUNICATION WITH INFANT CARE APPARATUS**
[54] **APPAREIL DE SOINS AUX NOURRISSONS AVEC MODULE DE COMMUNICATION INFRAROUGE**
[72] FALK, STEVEN M., US
[71] DATEX-OHMEDA, INC., US
[22] 2004-08-05
[41] 2005-02-13
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[25] EN
[54] **REMOTE REMINDERS APPLICATION SYSTEM**
[54] **SYSTEME D'APPLICATIONS AIDE-MEMOIRE A DISTANCE**
[72] ZAKI, KARIM MOHEB, CA
[71] ZAKI, KARIM MOHEB, CA
[22] 2004-08-16
[41] 2005-02-19
[30] US (60/495881) 2003-08-19

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[51] **Int.Cl. 7E21B 47/00 7E21B 47/01 7E21B 47/12**
[25] EN
[54] **PLACING FIBER OPTIC SENSOR LINE**
[54] **POSE DE LIGNE DE DETECTION A FIBRE OPTIQUE**
[72] COON, ROBERT J., US
[72] SETTERBERG, JOHN R., JR., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-08-06
[41] 2005-02-15
[30] US (10/642,402) 2003-08-15

[21] **2,476,803**
[13] A1

[51] **Int.Cl. 7F28F 3/02 7F23R 3/06 7F01D 25/12 7F02C 7/18**
[25] EN
[54] **HEAT EXCHANGING WALL, GAS TURBINE USING THE SAME, AND FLYING BODY WITH GAS TURBINE ENGINE**
[54] **PAROI D'ECHANGE DE CHALEUR, TURBINE A GAZ AINSI EQUIPEE, ET ENGIN VOLANT AVEC TURBINE A GAZ**
[72] KITAMURA, TSUYOSHI, JP
[72] MORIWAKI, ATSUSHI, JP
[72] NAKAE, TOMOYOSHI, JP
[72] MATSUURA, MASAOKI, JP
[72] TAKEISHI, KENICHIRO, JP
[71] THE SOCIETY OF JAPANESE AEROSPACE COMPANIES, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2004-08-06
[41] 2005-02-14
[30] JP (293490/2003) 2003-08-14
[30] JP (293523/2003) 2003-08-14

[21] **2,476,809**
[13] A1

[51] **Int.Cl. 7B65D 81/20 7B65D 43/02 7B65D 45/02 7B65B 31/04**
[25] EN
[54] **CONTAINER STORAGE SYSTEM FOR VACUUM PACKAGING**
[54] **SYSTEME DE CONTENANTS POUR CONDITIONNEMENT SOUS VIDE**
[72] HIGER, LANDEN, US
[72] ALBRITTON, CHARLES WADE, US
[71] TILIA INTERNATIONAL, INC., US
[22] 2004-08-06
[41] 2005-02-17
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[21] **2,476,820**
[13] A1

[51] **Int.Cl. 7A45F 5/00 7A47G 9/08**
[25] EN
[54] **ELEMENT CARRIER AND METHOD**
[54] **SUPPORT D'ELEMENT ET METHODE**
[72] CAVIES, EVAN JOHN EMLYN, US
[71] AIRWAY INDUSTRIES, INC., US
[22] 2004-08-06
[41] 2005-02-13
[30] US (60/495,216) 2003-08-13

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[13] A1

[51] **Int.Cl. 7C22C 38/12 7C22C 1/04 7C22C 38/04**
[25] EN
[54] **ALLOY STEEL POWDER FOR POWDER METALLURGY**
[54] **POUDRE D'ACIER ALLIE POUVANT SERVIR EN METALLURGIE DES POUDRES**
[72] UNAMI, SHIGERU, JP
[72] NAKAMURA, NAOMICHI, JP
[72] UENOSONO, SATOSHI, JP
[71] JFE STEEL CORPORATION, JP
[22] 2004-08-06
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[21] **2,476,841**
[13] A1

[51] **Int.Cl. 7C23C 2/00 7C08J 7/04 7C09D 105/08 7C23C 2/24**
[25] EN
[54] **CHITOSAN-COATED METALLIC ARTICLE, AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **ARTICLE METALLIQUE ENDUIT DE CHITOSANE ET METHODE DE PRODUCTION CONNEXE**
[72] BEUTNER, RENE, DE
[72] SCHARNWEBER, DIETER, DE
[72] SEWING, ANDREAS, DE
[72] NIES, BERTHOLD, DE
[72] WORCH, HARTMUT, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[22] 2004-08-09
[41] 2005-02-15
[30] DE (103 38 110.4) 2003-08-15

[21] **2,476,868**
[13] A1

[51] **Int.Cl. 7D21F 7/08 7G01D 11/00 7D21G 9/00 7D21F 1/10**
[25] EN
[54] **TEXTILE PRODUCT HAVING AN INTEGRATED SENSOR FOR MEASURING PRESSURE AND TEMPERATURE**
[54] **PRODUIT TEXTILE AVEC CAPTEUR INTEGRE DE MESURE DE LA PRESSION ET DE LA TEMPERATURE**
[72] GERUNDT, SEBASTIAN, DE
[72] BEST, WALTER, DE
[71] HEIMBACH GMBH & CO., DE
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[41] 2005-02-13
[30] EP (03 018 343.8) 2003-08-13

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[13] A1
[51] **Int.Cl. 7G01S 7/02**
[25] EN
[54] **RADAR BASED APPLICATION PROGRAMMABLE WAVEFORM GENERATOR COMPONENT**
[54] **ELEMENT GENERATEUR PROGRAMMABLE DE FORMES D'ONDE POUR APPLICATIONS RADAR**
[72] ALON, YAIR, US
[72] WEALS, GARTH E., US
[72] ERICKSON, FRED W., US
[71] NORTHROP GRUMMAN CORPORATION, US
[22] 2004-08-10
[41] 2005-02-19
[30] US (10/643,548) 2003-08-19

[21] **2,477,051**
[13] A1
[51] **Int.Cl. 7F04D 29/64**
[25] EN
[54] **MOUNTING SYSTEM FOR SUPPORTING A CEILING FAN ASSEMBLY**
[54] **SYSTEME DE FIXATION POUR SOUTENIR UN VENTILATEUR DE PLAFOND**
[72] PEARCE, RICHARD A., US
[71] HUNTER FAN COMPANY, US
[22] 2004-08-11
[41] 2005-02-14
[30] US (10/640,731) 2003-08-14

[21] **2,477,058**
[13] A1
[51] **Int.Cl. 7E04H 17/20 7F16B 11/00 7F16B 47/00 7E04H 17/14**
[25] EN
[54] **FENCE POST, FENCE ASSEMBLY, AND METHOD OF FABRICATING THE SAME**
[54] **POTEAU DE CLOTURE, CLOTURE, ET METHODE DE FABRICATION**
[72] MONTGOMERY, JEFFERY A., US
[71] HIGHLAND STEEL, LLC, US
[22] 2004-08-11
[41] 2005-02-15
[30] US (10/641,559) 2003-08-15

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[13] A1
[51] **Int.Cl. 7A01D 78/00**
[25] EN
[54] **METHOD AND APPARATUS FOR RAKING OR LOWERING THE RAKING WHEELS OF A FOLDABLE HAY RAKE**
[54] **METHODE ET DISPOSITIF D'ELEVATION OU D'ABAISSEMENT DES ROUES DE RATISSAGE D'UN RATEAU ANDAINEUR REPLIABLE**
[72] ROWSE, DAN D., US
[72] ROWSE, RODNEY D., US
[71] ROWSE HYDRAULIC RAKES CO., INC., US
[22] 2004-08-11
[41] 2005-02-14
[30] US (10/640,959) 2003-08-14
[30] US (10/742,078) 2003-12-19

[21] **2,477,066**
[13] A1
[51] **Int.Cl. 7H01J 49/26 7H01J 49/40**
[25] EN
[54] **MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE**
[72] GREEN, MARTIN, GB
[71] MICROMASS UK LIMITED, GB
[22] 2004-08-11
[41] 2005-02-18
[30] GB (GB0319347.1) 2003-08-18

[21] **2,477,164**
[13] A1
[51] **Int.Cl. 7A61B 10/00 7A61B 19/02**
[25] EN
[54] **PACKAGED MEDICAL DEVICE WITH A DEPLOYABLE DERMAL TISSUE PENETRATION MEMBER**
[54] **DISPOSITIF MEDICAL EMBALLE ET MUNI D'UN ELEMENT DEPLOYABLE POUR PENETRATION DANS LE TISSU DERMIQUE**
[72] ERICKSON, BRIAN, US
[72] ALLEN, JOHN, US
[71] LIFESCAN, INC., US
[22] 2004-08-11
[41] 2005-02-13
[30] US (10/640,296) 2003-08-13

[21] **2,477,206**
[13] A1
[51] **Int.Cl. 7B65D 3/06 7B31C 7/00**
[25] EN
[54] **MULTILAYER SINGLE WRAP CONTAINER AND METHOD AND BLANK THEREFOR**
[54] **CONTENEURS DRAPES MULTICOUCHES, ET METHODE DE FABRICATION ET DECOUPES CONNEXES**
[72] REA, KEITH R., US
[72] WESTPHAL, TEDDY M., US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2004-08-11
[41] 2005-02-14
[30] US (10/640,705) 2003-08-14

[21] **2,477,227**
[13] A1
[51] **Int.Cl. 7B60K 15/035 7B67D 5/378**
[25] EN
[54] **MOUNTING A FUEL VAPOR MANAGEMENT VALVE INTERNALLY TO A GAS TANK**
[54] **SOUPAPE INTERNE DE COMMANDE DES VAPEURS DE CARBURANT POUR RESERVOIR A CARBURANT**
[72] SPINK, KENNETH MAYNARD, US
[72] MCINTOSH, ANDREW WALLACE, US
[71] EATON CORPORATION, US
[22] 2004-08-12
[41] 2005-02-13
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[13] A1
[51] **Int.Cl. 7G09B 7/06**
[25] EN
[54] **DATA PROCESSING FOR FILL-IN-THE-BLANKS QUESTION WITH A MULTIPLE-CHOICE LIST**
[54] **TRAITEMENT DE DONNEES POUR QUESTION DU TYPE ENONCE A COMPLETER AVEC LISTE A CHOIX MULTIPLES**
[72] SUMIMOTO, HARUYUKI, JP
[71] SUMIMOTO, HARUYUKI, JP
[22] 2004-08-12
[41] 2005-02-13
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[13] A1

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[25] EN
[54] **DYE MIXTURES OF FIBER-REACTIVE AZO DYES, THEIR PREPARATION AND THEIR USE**
[54] **MELANGES DE COLORANTS AZOIQUES REAGISSANT AVEC LA FIBRE, METHODE DE PREPARATION ET UTILISATION CONNEXES**
[72] MEIER, STEFAN, DE
[72] EICHHORN, JOACHIM, DE
[72] RUSS, WERNER, DE
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE
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[30] DE (103 37 636.4) 2003-08-16

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[25] EN
[54] **FIBRE REACTIVE AZO DYES**
[54] **COLORANTS AZOIQUES REAGISSANT AVEC LA FIBRE**
[72] RUSS, WERNER, DE
[72] EBENEZER, WARREN JAMES, GB
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE
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[41] 2005-02-15
[30] GB (0319234.1) 2003-08-15

[21] **2,477,359**
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[51] **Int.Cl. 7A61K 35/78 7A61P 39/06**
[25] EN
[54] **PYRUVATE ENRICHED ONION EXTRACT**
[54] **EXTRAIT D'OIGNON ENRICHI DE PYRUVATE**
[72] GANDHI, NEENA, CA
[72] WETTASINGHE, MAHINDA, CA
[71] ALBERTA RESEARCH COUNCIL INC., CA
[22] 2004-08-10
[41] 2005-02-14
[30] US (10/604,749) 2003-08-14

[21] **2,477,360**
[13] A1

[51] **Int.Cl. 7G09F 3/00**
[25] EN
[54] **DOUBLE-SIDED LABELS AND METHODS OF MANUFACTURE AND USE**
[54] **ETIQUETTES DOUBLE FACE, ET METHODES DE FABRICATION ET D'UTILISATION**
[72] ADAMS, JOHN E., US
[72] GREENBERG, ANDREW W., US
[72] GILLESPIE, WILLIAM R., US
[72] DOMINIACK, DAVID A., US
[72] KENEALY, MICHAEL J., US
[72] PETERS, NEIL O., US
[71] NASHUA CORPORATION, US
[22] 2004-08-11
[41] 2005-02-15
[30] US (10/642,452) 2003-08-15

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[51] **Int.Cl. 7B41J 3/00 7B41F 17/00**
[25] EN
[54] **PRINTER AND METHOD OF PRINTING**
[54] **IMPRIMANTE ET METHODE D'IMPRESSION**
[72] THARP, CLYDE N., US
[72] STERN, MITCHELL G., US
[72] MONTEITH, JOHN R., US
[71] PAXAR AMERICAS, INC., US
[22] 2004-08-10
[41] 2005-02-13
[30] US (10/640,071) 2003-08-13

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[13] A1

[51] **Int.Cl. 7D21F 1/10 7D21F 7/08**
[25] EN
[54] **PAPER MACHINE CLOTHING**
[54] **HABILLAGE DU PAPIER**
[72] ZILS, FRANK, DE
[72] BEST, WALTER, DE
[72] SCHAAF, WALTER, DE
[71] HEIMBACH GMBH & CO., DE
[22] 2004-08-10
[41] 2005-02-13
[30] EP (03 018 342.0) 2003-08-13

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[13] A1

[51] **Int.Cl. 7B60T 17/22**
[25] EN
[54] **BRAKING MONITORING SYSTEM**
[54] **SYSTEME DE CONTROLE DU FREINAGE**
[72] CHARTIER, ALBERT, CA
[72] JETTE, GAETAN, CA
[71] CHARTIER, ALBERT, CA
[71] JETTE, GAETAN, CA
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[41] 2005-02-15
[30] US (60/495,469) 2003-08-15

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[13] A1

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[25] EN
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[54] **MELANGES DE COLORANTS AZOIQUES REAGISSANT AVEC LA FIBRE, METHODE DE PREPARATION ET UTILISATION CONNEXES**
[72] EICHHORN, JOACHIM, DE
[72] MEIER, STEFAN, DE
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE
[22] 2004-08-12
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[21] **2,477,410**
[13] A1

[51] **Int.Cl. 7B65D 81/20 7B65D 85/72**
[25] EN
[54] **CONTAINER WITH AT LEAST ONE VACUUM CHAMBER WITH AN ACCESS OPENING, ESPECIALLY A BEVERAGE CONTAINER, SUCH AS A BEER BARREL OR THE LIKE**
[54] **CONTENEUR COMPRENANT AU MOINS UN COMPARTIMENT A VIDE AVEC OUVERTURE D'ACCES, EN PARTICULIER UN CONTENANT A BOISSONS, COMME FUT A BIERE OU ARTICLE SEMBLABLE**
[72] KELLER, MAX, DE
[71] COOL-SYSTEM BEV. GMBH, DE
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[41] 2005-02-13
[30] DE (103 37 221.0-13) 2003-08-13
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[13] A1

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[25] EN
[54] **RAIN GUTTER PROTECTION PANEL**
[54] **PANNEAU DE PROTECTION DE GOUTTIERE**
[72] KNIGHT, CHARLES, US
[71] KNIGHT, CHARLES, US
[22] 2004-08-16
[41] 2005-02-15
[30] US (10/641,898) 2003-08-15

[21] **2,477,468**
[13] A1

[51] **Int.Cl. 7G01V 1/40 7E21B 47/02 7E21B 47/14**
[25] EN
[54] **METHODS OF GENERATING DIRECTIONAL LF ACOUSTIC SIGNALS AND REFLECTED SIGNAL DETECTION ENHANCEMENTS FOR SWD APPLICATIONS**
[54] **METHODES DE GENERATION DE SIGNAUX ACOUSTIQUES BASSE FREQUENCE DIRECTIONNELS ET AMELIORATIONS DE LA DETECTION DES SIGNAUX REFLECHIS POUR APPLICATIONS SWD**
[72] LEGGETT, JAMES V. III, US
[72] DUBINSKY, VLADIMIR, US
[71] BAKER HUGHES INCORPORATED, US
[22] 2004-08-16
[41] 2005-02-13
[30] US (10/640,240) 2003-08-13

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[13] A1

[51] **Int.Cl. 7A61B 17/06**
[25] EN
[54] **GRINDLESS SURGICAL NEEDLE MANUFACTURE**
[54] **FABRICATION D'AIGUILLES CHIRURGICALES SANS MEULAGE**
[72] BOGART, MICHAEL, US
[71] UNITED STATES SURGICAL CORPORATION, US
[22] 2004-08-16
[41] 2005-02-14
[30] US (60/494,992) 2003-08-14

[21] **2,477,470**
[13] A1

[51] **Int.Cl. 7B41F 17/00**
[25] EN
[54] **METHOD AND APPARATUS FOR DEPOSITING COATING MATERIAL ON GLASS SUBSTRATE**
[54] **METHODE ET APPAREIL POUR DEPOSER UN MATERIAU DE REVETEMENT SUR UN SUBSTRAT DE VERRE**
[72] HAWLEY, JOSEPH J., US
[72] TROUT, MICHAEL W., US
[71] HARTUNG GLASS INDUSTRIES, US
[22] 2004-08-16
[41] 2005-02-18
[30] US (60/496331) 2003-08-18

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[13] A1

[51] **Int.Cl. 7A61L 31/04 7A61L 17/00 7A61L 17/10**
[25] EN
[54] **HETEROGENEOUS YARNS FOR SURGICAL ARTICLES**
[54] **FILS HETEROGENES POUR ARTICLES CHIRURGICAUX**
[72] ROBY, MARK, US
[71] TYCO HEALTHCARE GROUP, LP, US
[22] 2004-08-16
[41] 2005-02-14
[30] US (60/494,993) 2003-08-14

[21] **2,477,472**
[13] A1

[51] **Int.Cl. 7B60N 2/28 7B60N 2/005**
[25] EN
[54] **CHILD CAR SEAT INCLINING AND SWIVELLING BETWEEN A TRAVELLING POSITION AND AN INSTALING POSITION**
[54] **SIEGE D'AUTO POUR ENFANT INCLINABLE ET PIVOTANT ENTRE POSITION DE CIRCULATION ET POSITION D'ATTACHE**
[72] BIAUD, RICHARD, FR
[71] AMPAFRANCE, FR
[22] 2004-08-16
[41] 2005-02-13
[30] FR (FR 03 09935) 2003-08-13

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[13] A1

[51] **Int.Cl. 7B62D 53/04 7B60D 1/00 7B62D 53/06**
[25] EN
[54] **VEHICLE ACCESSORY MOUNTING SYSTEM**
[54] **SYSTEME D'INSTALLATION D'ACCESSOIRES SUR UN VEHICULE**
[72] LINDENMAN, THOMAS W., US
[72] MCCOY, RICHARD W., US
[72] ROBERTS, ANTHONY S., US
[71] CEQUENT TOWING PRODUCTS, INC., US
[22] 2004-08-16
[41] 2005-02-15
[30] US (60/495,576) 2003-08-15
[30] US (60/497,805) 2003-08-26
[30] US (60/499,516) 2003-09-02
[30] US (60/503,227) 2003-09-16
[30] US (60/504,525) 2003-09-16

[21] **2,477,475**
[13] A1

[51] **Int.Cl. 7A47C 3/026**
[25] EN
[54] **TILTING MECHANISM FOR A CHAIR**
[54] **DISPOSITIF DE BASCULEMENT POUR CHAISE**
[72] HOBBS, GORDON C., CA
[71] RAM MACHINES (1990) LTD., CA
[22] 2004-08-16
[41] 2005-02-14
[30] US (60/494,782) 2003-08-14

[21] **2,477,478**
[13] A1

[51] **Int.Cl. 7B27N 3/24**
[25] EN
[54] **CONTINUOUS PRESS WITH ROLLER BAR JOURNALING PINS**
[54] **PRESSE EN CONTINU AVEC BARRE DE PRESSION ROTATIVE A TIGES DE JOURNALISATION**
[72] SEBASTIAN, LOTHAR, DE
[72] SCHUERMANN, KLAUS, DE
[72] GAWLITTA, WERNER, NL
[72] GERHARDT, KLAUS, DE
[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG, DE
[22] 2004-08-16
[41] 2005-02-16
[30] DE (103 37 591.0) 2003-08-16

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[13] A1

[51] **Int.Cl. 7B65G 49/04**
[25] EN
[54] **CONVEYANCE METHOD AND APPARATUS FOR PROCESSING STEP**
[54] **METHODE ET DISPOSITIF DE TRANSPORT POUR ETAPE DE TRAITEMENT**
[72] KYOTANI, HISASHI, JP
[71] DAIFUKU CO., LTD., JP
[71] TAIKISHA LTD., JP
[22] 2004-08-16
[41] 2005-02-13
[30] JP (2003-292690) 2003-08-13
[30] JP (2003-292691) 2003-08-13
[30] JP (2003-292692) 2003-08-13

[21] **2,477,485**
[13] A1

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[25] EN
[54] **SERVER-LESS VOIP (VOICE OVER INTERNET PROTOCOL) PHONE SYSTEM**
[54] **SYSTEME TELEPHONIQUE VOIP (PROTOCOLE DE TRANSMISSION DE LA VOIX PAR INTERNET) SANS SERVEUR**
[72] SUNSTRUM, MARTIN T., CA
[71] AKSYS NETWORKS INC., CA
[22] 2004-08-16
[41] 2005-02-14
[30] US (60/481,232) 2003-08-14

[21] **2,477,486**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 17/00 7G01M 15/00**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING INSPECTION DATA FOR EVALUATING DEGRADATION OF COATINGS ON COMPONENTS**
[54] **SYSTEME ET METHODE DE TRAITEMENT DE DONNEES D'INSPECTION POUR L'EVALUATION DE LA DETERIORATION DE REVETEMENTS D'ELEMENTS**
[72] SUBRAMANIAN, RAMESH, US
[72] HUANG, KAI, US
[71] SIEMENS WESTINGHOUSE POWER CORPORATION, US
[22] 2004-08-16
[41] 2005-02-15
[30] US (60/495,502) 2003-08-15
[30] US (UNKNOWN) 2004-08-04

[21] **2,477,487**
[13] A1

[51] **Int.Cl. 7C08G 69/48 7C08G 69/02 7C08K 5/109 7C08K 5/49**
[25] EN
[54] **PROCESS FOR INCREASING THE MOLECULAR WEIGHT OF POLYAMIDES**
[54] **METHODE D'ACCROISSEMENT DU POIDS MOLECULAIRE DE POLYAMIDES**
[72] DOWE, ANDREAS, DE
[72] WURSCHE, ROLAND, DE
[72] BARTZ, WILFRIED, DE
[72] BAUMANN, FRANZ-ERICH, DE
[72] GOERING, RAINER, DE
[72] HIMMELMANN, MARTIN, DE
[71] DEGUSSA AG, DE
[22] 2004-08-16
[41] 2005-02-16
[30] DE (103 37 707.7) 2003-08-16

[21] **2,477,500**
[13] A1

[51] **Int.Cl. 7G07F 17/34**
[25] EN
[54] **REEL-TYPE GAMING SYSTEM**
[54] **SYSTEME DE JEU DE TYPE A ROULEAUX**
[72] STROM, MARK ANTHONY, NZ
[71] NATIVEGAMES ENTERTAINMENT INTERNATIONAL LTD., NZ
[22] 2004-08-16
[41] 2005-02-18
[30] US (10/643,002) 2003-08-18

[21] **2,477,504**
[13] A1

[51] **Int.Cl. 7A61G 5/10**
[25] EN
[54] **CONSTANT CENTER OF GRAVITY LIFT AND TILT MECHANISMS FOR A WHEELCHAIR SEAT**
[54] **MECANISMES DE LEVAGE ET DE BASCULEMENT A CENTRE DE GRAVITE CONSTANT POUR SIEGE DE FAUTEUIL ROULANT**
[72] ANTONISHAK, STEPHEN J., US
[72] TURTURIELLO, GEORGE A., US
[72] CARMINATI, JOHN C., US
[71] PRIDE MOBILITY PRODUCTS CORPORATION, US
[22] 2004-08-16
[41] 2005-02-15
[30] US (60/495,806) 2003-08-15

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[51] **Int.Cl. 7E21B 43/08 7E21B 43/10**
[25] EN
[54] **SCREEN FOR SAND CONTROL IN A WELLBORE**
[54] **TAMIS D'ELIMINATION DU SABLE D'UN Puits DE FORAGE**
[72] LAURITZEN, J. ERIC, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-08-16
[41] 2005-02-15
[30] US (60/495,480) 2003-08-15
[30] US (10/720,731) 2003-11-24

[21] **2,477,509**
[13] A1

[51] **Int.Cl. 7E21B 47/14 7G01V 1/40**
[25] EN
[54] **APPARATUS AND METHOD FOR ACOUSTIC POSITION LOGGING AHEAD-OF-THE-BIT**
[54] **DISPOSITIF ET METHODE DE DIAGRAPHIE DE POSITIONNEMENT ACOUSTIQUE AVANT LE TREPAN**
[72] MATHISZIK, HOLGER, DE
[72] OPPELT, JOACHIM, DE
[71] BAKER HUGHES INCORPORATED, US
[22] 2004-08-16
[41] 2005-02-14
[30] US (10/641,356) 2003-08-14

[21] **2,477,512**
[13] A1

[51] **Int.Cl. 7A61M 5/50 7A61M 5/315**
[25] EN
[54] **SYRINGE WITH RE-USE INHIBITING MECHANISM**
[54] **SERINGUE DOTEE D'UN MECANISME EMPECHANT TOUTE REUTILISATION**
[72] SCHWARZBICH, JORG, DE
[71] SCHWARZBICH, JORG, DE
[22] 2004-08-12
[41] 2005-02-16
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[13] A1
[51] **Int.Cl. 7A47B 96/02 7F16S 3/00**
[25] EN
[54] **LOAD BEARING ARTICLE**
[54] **ARTICLE DE SUPPORT DE CHARGE**
[72] PALMER, TIMOTHY A., US
[71] BAYER POLYMERS LLC, US
[22] 2004-08-12
[41] 2005-02-19
[30] US (10/643,860) 2003-08-19

[21] **2,477,539**
[13] A1
[51] **Int.Cl. 7C04B 28/04**
[25] EN
[54] **ELECTRICALLY CONDUCTIVE CONCRETE AND CONTROLLED LOW STRENGTH MATERIALS HAVING CARBON FIBERS**
[54] **BETON CONDUCTEUR D'ELECTRICITE ET MATERIAUX CONTROLES DE FAIBLE RESISTANCE CONTENANT DES FIBRES DE CARBONE**
[72] SETCHELL, RICHARD H., JR., US
[72] RAMME, BRUCE W., US
[72] NOEGEL, JOHN J., US
[72] BISCHKE, ROBERT F., US
[71] WISCONSIN ELECTRIC POWER COMPANY, US
[22] 2004-08-12
[41] 2005-02-15
[30] US (10/641,979) 2003-08-15

[21] **2,477,581**
[13] A1
[51] **Int.Cl. 7F24F 13/12 7F24F 11/04**
[25] EN
[54] **MOVABLE GRATING CONTROL**
[54] **COMMANDE DE GRILLE MOBILE**
[72] PARK, CHAN-WOO, CA
[71] PARK, CHAN-WOO, CA
[22] 2004-08-12
[41] 2005-02-19
[30] US (10/643,180) 2003-08-19

[21] **2,477,582**
[13] A1
[51] **Int.Cl. 7E06B 9/322 7E06B 9/262**
[25] EN
[54] **BOTTOM-UP/TOP-DOWN RETRACTABLE CELLULAR SHADE**
[54] **STORE CELLULAIRE ESCAMOTABLE TETE-BECHE**
[72] COLSON, WENDELL B., US
[72] JOSEPHSON, PAUL F., US
[72] DREW, TERRENCE M., US
[72] GOLDBERG, MICHAEL S., US
[72] JELIC, RALPH G., US
[71] HUNTER DOUGLAS INC., US
[22] 2004-08-12
[41] 2005-02-14
[30] US (10/642,017) 2003-08-14

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[13] A1
[51] **Int.Cl. 7G01R 27/08 7G01R 31/08**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING IMPEDANCE ACROSS PRESSURE JOINTS IN A POWER DISTRIBUTION SYSTEM**
[54] **METHODE ET APPAREIL DE MESURE DE L'IMPEDANCE AUX BORNES DE JONCTIONS DE PRESSION DANS UN SYSTEME DE DISTRIBUTION ELECTRIQUE**
[72] LOUCKS, DAVID G., US
[71] EATON CORPORATION, US
[22] 2004-08-17
[41] 2005-02-19
[30] US (10/643,351) 2003-08-19

[21] **2,477,616**
[13] A1
[51] **Int.Cl. 7A45F 5/02 7A63B 47/04**
[25] EN
[54] **FASTENER FOR A GOLF BALL CLEANING DEVICE**
[54] **ATTACHE POUR DISPOSITIF DE NETTOYAGE DE BALLES DE GOLF**
[72] SHIODA, YOSHIHIKO, US
[71] SHIODA, YOSHIHIKO, US
[22] 2004-08-16
[41] 2005-02-13
[30] US (10/639,941) 2003-08-13

[21] **2,477,619**
[13] A1
[51] **Int.Cl. 7B60N 2/26**
[25] EN
[54] **CHILD CAR SEAT, SWIVELLING BETWEEN A FORWARD FACING POSITION AND A DOOR FACING POSITION, WITH AUTOMATIC RETURN TO FORWARD FACING POSITION**
[54] **SIEGE D'AUTO POUR ENFANT, PIVOTANT ENTRE UNE POSITION DIRIGEANT VERS L'AVANT ET UNE POSITION DIRIGEE VERS LA PORTE, AVEC RETOUR AUTOMATIQUE A LA POSITION DIRIGEE VERS L'AVANT**
[72] BIAUD, RICHARD, FR
[71] AMPAFRANCE, FR
[22] 2004-08-16
[41] 2005-02-13
[30] FR (FR 03 09934) 2003-08-13

[21] **2,477,626**
[13] A1
[51] **Int.Cl. 7A43B 13/40 7A43B 7/14 7A61F 5/14**
[25] EN
[54] **BALL OF FOOT SHOE INSERTS**
[54] **GARNITURES INTERIEURES DE CHAUSSURE POUR LA POINTE DU PIED**
[72] CRANE, LAURA J., US
[72] AVENT, RICHARD T., US
[72] GRISONI, BERNARD F., US
[71] SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC., US
[22] 2004-08-16
[41] 2005-02-18
[30] US (10/643,172) 2003-08-18

[21] **2,477,641**
[13] A1
[51] **Int.Cl. 7B65D 33/24 7B65B 7/08 7B65D 30/14 7B65D 33/20**
[25] EN
[54] **POM PT ONE STEP WITH A CROSS DIRECTIONAL RIPPING-STRIP**
[54] **SAC EN POM PT UN PLI AVEC BANDE DE DECHIRURE TRANSVERSALE**
[72] BEAULIEU, SYLVAIN, CA
[71] HOOD PACKAGING CORPORATION, CA
[22] 2004-08-16
[41] 2005-02-13
[30] CA (2,437,290) 2003-08-13

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[13] A1

[51] **Int.Cl. 7C23C 4/10 7C23C 4/06 7E21B 10/08 7C23C 4/12 7E21B 10/22 7B23P 15/28**
[25] EN
[54] **APPARATUS AND METHOD FOR SELECTIVE LASER-APPLIED CLADDING**
[54] **DISPOSITIF ET METHODE DE PLACAGE SELECTIF APPLIQUE PAR LASER**
[72] VISWANADHAM, RAMAMURTHY, US
[72] GRIFFO, ANTHONY, US
[71] SMITH INTERNATIONAL, INC., US
[22] 2004-08-16
[41] 2005-02-13
[30] US (60/494,876) 2003-08-13
[30] US (UNKNOWN) 2004-08-12

[21] **2,477,660**
[13] A1

[51] **Int.Cl. 7B32B 3/04 7C09J 7/04 7B32B 7/12**
[25] EN
[54] **ASSEMBLY TAPE WITH SLITS AND FOLDS**
[54] **RUBAN D'ASSEMBLAGE AVEC FENTES ET PLIS**
[72] SIEBER, RETO, CH
[72] SIEBER, MARCO, CH
[71] SILU VERWALTUNG AG, CH
[22] 2004-08-16
[41] 2005-02-18
[30] DE (103 37 880.4) 2003-08-18

[21] **2,477,664**
[13] A1

[51] **Int.Cl. 7B65G 59/10 7B65G 59/06**
[25] EN
[54] **VARIABLE-SIZED MOLDED PRODUCT TRAY DENESTING APPARATUS**
[54] **DEMOULEUR DE PLATEAUX DE PRODUITS MOULES DE DIMENSIONS VARIABLES**
[72] SIMPSON, ROBERT, US
[72] JASPERS, JERRY, US
[72] REED, DAVID, US
[72] VAN DOREN, CARL, US
[71] KEYES FIBRE CORPORATION, US
[22] 2004-08-16
[41] 2005-02-14
[30] US (60/495,208) 2003-08-14
[30] US (10/917,231) 2004-08-12

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[54] **MISES PROFILEES AVEC FORCE DE RETENUE AMELIOREE**
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[72] RICHMAN, LANCE T., US
[72] CAWTHORNE, CHRIS E., US
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[71] SAAB AB, SE
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[71] SAAB AB, SE
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[54] **SYSTEMS AND METHODS FOR BID/OFFER LIQUIDITY SPREAD TRADING**
[54] **SYSTEMES ET METHODES D'OPERATIONS MIXTES DE LIQUIDITES DE SOUMISSIONS/D'OFFRES**
[72] SWEETING, MICHAEL, GB
[72] LUTNICK, HOWARD W., US
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[54] **METHOD AND APPARATUS FOR CONTINUOUS PROCESSING OF PACKAGED PRODUCTS**
[54] **METHODE ET DISPOSITIF DE TRAITEMENT CONTINU DE PRODUITS EMBALLES**
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[72] LIN, YAH HWA E., US
[72] KEEN, BRUCE, US
[72] CHISHOLM, GARY N., US
[72] CUTLER, BRENT L., US
[72] DIDO, JEANETTE, US
[72] COLLINS, THOMAS M., US
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[54] **SYSTEMES ET METHODES
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[54] **APPLIANCE DOORS**
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[72] DALEY, HOWARD, US
[71] GEMTRON CORPORATION, US
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[72] ROMES, GARY E., US
[72] CHURCH, JOSEPH T., US
[72] MATTMULLER, MATTHEW D., US
[71] GUARDIAN FIBERGLASS, INC., US
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METHOD**
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[72] BURROUGHS, TODD F., CA
[72] CAMPBELL, BILL F., CA
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[54] **ATTACHE DE PRESUSPENSION
POUR PORTE PRESUSPENDUE**
[72] MASSEY, VICTOR, US
[72] DOILEY, JOY, US
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[54] **DISPOSITIF DE CRYOCHIRURGIE**
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[54] **SELLETTE D'ATTELAGE A AUTO-
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[72] LINDENMAN, THOMAS W., US
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[72] ROBERTS, ANTHONY S., US
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[54] **UTILISATION DE LA TAMPOGRAPHIE DANS LA FABRICATION DE CONDENSATEURS**
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[72] MUFFOLETTO, BARRY, US
[72] SEITZ, KEITH, US
[72] NEFF, WOLFRAM, US
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[54] **METHOD AND APPARATUS FOR MEASURING LOADING OF WATERPROOFING AGENT IN CARBON SUBSTRATE**
[54] **METHODE ET APPAREIL POUR MESURER LA CHARGE DU PRODUIT D'ETANCHEITE DANS UN SUBSTRAT DE CARBONE**
[72] DE HAAN, DAVID S., CA
[72] STUMPER, JUERGEN, CA
[72] CAO, HONG, CA
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[54] **METHOD AND APPARATUS FOR SURFACE STERILIZING OBJECTS**
[54] **METHODE ET APPAREIL DE STERILISATION DE LA SURFACE D'OBJETS**
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[71] MONT. EL S.R.L., IT
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[54] **TOWING ASSEMBLY**
[54] **ENSEMBLE DE REMORQUAGE**
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[72] STANLEY, RICHARD J., US
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[54] **METHODE ET APPAREIL DE THERAPIE PHOTONIQUE**
[72] VAN ZUYLEN, JEFFREY, CA
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[54] **METHOD AND APPARATUS FOR SYNCHRONIZING AN ADAPTABLE SECURITY LEVEL IN AN ELECTRONIC COMMUNICATION**
[54] **METHODE ET APPAREIL PERMETTANT DE SYNCHRONISER UN NIVEAU DE SECURITE ADAPTABLE DANS UNE COMMUNICATION ELECTRONIQUE**
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[71] CERTICOM CORP., CA
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[54] **IMPROVEMENTS IN AND RELATING TO A RELEASABLE AUGER TOOTH**
[54] **AMELIORATIONS RELIEES A UNE DENT DE TARIERE LIBERABLE**
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[71] DIGGA EUROPE LIMITED, GB
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[54] **HEAT EXCHANGER AND MANUFACTURING PROCESS**
[72] DOULE, ALAIN, FR
[72] LIMOSIN, JACQUES, FR
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[54] **ABRADABLE DEVICE ON FAN CASE FOR GAS TURBINE ENGINE**
[72] MAILLARD, PIERRE YVES, FR
[72] GERAIN, ERIC MARIE PIERRE, FR
[72] BREFORT, FRANCOIS JACQUES DOMINIQUE, FR
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[54] **PORTE BATTANTE ET**
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[54] **INFORMATION RECORDING**
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CONFIGURING VERSION
INFORMATION THEREOF,
RECORDING AND REPRODUCING
METHOD USING THE SAME, AND
RECORDING AND REPRODUCING
APPARATUS THEREOF
[54] **SUPPORT D'ENREGISTREMENT**
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CONFIGURATION DES DONNEES DE
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[54] **OPIOID RECEPTOR ACTIVE 4-(3-**
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ALKOXYPHENYL)-1,2,4-TRIAZOLE
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[72] CHEN, SHIH-CHIN, US
[72] SUBBARAYAN, RAVI, US
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[54] **PORTE AUTOMATIQUE ET PROCEDE D'EXPLOITATION DE LADITE PORTE**
[72] FIELD, GEORGE D., US
[72] GOODMAN, CARL E., US
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[54] **ANTIGENS AND THEIR USE AS DIAGNOSTICS AND VACCINES AGAINST SPECIES OF PLASMODIUM**
[54] **ANTIGENES ET LEUR UTILISATION COMME AGENTS DIAGNOSTIQUES ET VACCINS CONTRE LES ESPECES DE PLASMODIUM**
[72] WU, YIMIN, US
[72] CARUCI, DANIEL, US
[72] YATES, JOHN, US
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[54] **TOLE D'ACIER LAMINE A CHAUD A TRES HAUTE RESISTANCE ET DE FAIBLE DENSITE, ET PROCEDE DE FABRICATION**
[54] **HIGH-RESISTANT, LOW-DENSITY HOT LAMINATED SHEET STEEL AND METHOD FOR THE PRODUCTION THEREOF**
[72] BANO, XAVIER, FR
[72] GIRAUD, CHRISTIAN, FR
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[54] **SYSTEME ET PROCEDE ANTIPARASITE POUR SYSTEMES A ELEMENTS EN PHASE**
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[54] **NOVEL CRYSTALS OF 5-HYDROXYCARBAMIMIDOYL-2-HYDROXYBENZENESULFONAMIDE DERIVATIVE**
[54] **NOUVEAUX CRISTAUX DE DERIVE DE 5-HYDROXYCARBAMIMIDOYL-2-HYDROXYBENZENESULFONAMIDE**
[72] KAI, YUICHIRO, JP
[72] MUKAIYAMA, HARUNOBU, JP
[72] YOKOYAMA, KENJI, JP
[72] TAKEUCHI, HIDEKI, JP
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[54] **PLASTIC CO-EXTRUSION APPARATUS WITH SELECTABLE POLYMER FLOW CONTROL AND PRODUCT PRODUCED USING THE APPARATUS**
[54] **APPAREIL DE CO-EXTRUSION DE PLASTIQUE A COMMANDE D'ECOULEMENT POLYMERE SELECTIONNABLE ET PRODUIT OBTENU EN FAISANT APPEL A CET APPAREIL**
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[54] **BARRE FAVORISANT LA VIVACITE INTELLECTUELLE**
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[54] **SHIPPING AND DISPLAY CARTON**
[54] **CARTON D'EXPOSITION ET D'EXPEDITION**
[72] CARGILE, JOHN W., US
[71] MEADWESTVACO PACKAGING SYSTEMS LLC, US
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[25] EN
[54] **GAME APPARATUS AND METHOD FOR TEACHING BASKETBALL SKILLS**
[54] **APPAREIL DE JEU ET PROCEDE D'APPRENTISSAGE DE TECHNIQUES DE BASKET-BALL**
[72] SLADE, SANDY, US
[71] SLADE, SANDY, US
[85] 2004-09-22
[86] 2003-04-16 (PCT/US2003/011547)
[87] 2003-10-23 (WO2003/086558)
[30] US (10/123,982) 2002-04-16

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[25] FR
[54] **ENSEMBLE DE PORTES**
[54] **DOOR ASSEMBLY**
[72] COENRAETS, BENOIT, BE
[71] DYNACO INTERNATIONAL, S.A., BE
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[86] 2003-04-03 (PCT/BE2003/000060)
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[30] BE (2002/0254) 2002-04-10

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[51] **Int.Cl. 7G06N 3/08**
[25] EN
[54] **AUTOMATIC NEURAL-NET MODEL GENERATION AND MAINTENANCE**
[54] **MAINTENANCE ET GENERATION D'UN MODELE DE RESEAU NEURAL AUTOMATIQUE**
[72] PAO, YOH-HAN, US
[72] MENG, ZHUO, US
[71] COMPUTER ASSOCIATES THINK, INC., US
[85] 2004-10-05
[86] 2003-04-15 (PCT/US2003/011713)
[87] 2003-10-30 (WO2003/090163)
[30] US (60/373,780) 2002-04-19
[30] US (60/373,977) 2002-04-19
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[13] A1

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[25] EN
[54] **OPTICAL COMMUNICATION DEVICE SUBSTRATE, METHOD OF MANUFACTURING THE SAME, AND OPTICAL COMMUNICATION DEVICE USING THE SAME**
[54] **SUBSTRAT DE DISPOSITIF DE TRANSMISSION OPTIQUE, METHODE DE FABRICATION DE CE SUBSTRAT ET DISPOSITIF DE TRANSMISSION OPTIQUE UTILISANT CE SUBSTRAT**
[72] MATANO, TAKAHIRO, JP
[72] YOSHIHARA, SATORU, JP
[71] NIPPON ELECTRIC GLASS CO., LTD., JP
[85] 2004-09-20
[86] 2004-08-04 (PCT/JP2004/011501)
[87] 2005-02-05 (WO/)
[30] JP (2003-205935) 2003-08-05
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[25] EN
[54] **ACYL-3-CARBOXYPHENYLUREA DERIVATIVES, METHOD FOR PRODUCTION AND USE THEREOF**
[54] **DERIVES D'ACYL-3-CARBOXYPHENYLUREE, PROCEDES DE PRODUCTION DE CES DERIVES ET LEUR UTILISATION**
[72] BURGER, HANS-JOERG, US
[72] HERLING, ANDREAS, DE
[72] KADEREIT, DIETER, DE
[72] VON ROEDERN, ERICH, DE
[72] WENDT, KARL-ULRICH, DE
[72] DEFOSSA, ELISABETH, DE
[72] ENHSEN, ALFONS, DE
[72] KLABUNDE, THOMAS, DE
[72] SCHOENAFINGER, KARL, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-10-07
[86] 2003-03-28 (PCT/EP2003/003254)
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[13] A1
[51] **Int.Cl. 7A61K 38/16 7C07K 14/705**
[25] EN
[54] **METHODS FOR TREATING AN AUTOIMMUNE DISEASE USING A SOLUBLE CTLA4 MOLECULE AND A DMARD OR NSAID**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE AU MOYEN D'UNE MOLECULE CTLA4 SOLUBLE ET D'UN ARMM OU D'UN AINS**
[72] CARR, SUZETTE, US
[72] COHEN, ROBERT, US
[72] BECKER, JEAN-CLAUDE, US
[72] PEACH, ROBERT J., US
[72] HAGERTY, DAVID, US
[71] BRISTOL MYERS SQUIBB COMPANY, US
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[86] 2003-04-18 (PCT/US2003/012356)
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[51] **Int.Cl. 7G01N 19/04 7B32B 17/10**
[25] FR
[54] **PROCEDE POUR SELECTIONNER UN INTERCALAIRE QUANT A SA RESISTANCE MECANIQUE**
[54] **METHOD FOR SELECTING AN INSERT ON THE BASIS OF THE MECHANICAL RESISTANCE THEREOF**
[72] NUGUE, JEAN-CLEMENT, FR
[72] VIDAL, BORIS, ES
[72] NOURRY, EMMANUEL, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2004-10-12
[86] 2003-03-17 (PCT/FR2003/000851)
[87] 2003-10-23 (WO2003/087785)
[30] FR (02/04776) 2002-04-15

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[51] **Int.Cl. 7G06K 19/06 7G06K 1/12**
[25] FR
[54] **SYSTEME DE MARQUAGE MAGNETIQUE, PROCEDE ET MACHINE POUR SA FABRICATION**
[54] **MAGNETIC MARKING SYSTEM, METHOD AND MACHINE FOR PRODUCING THE SAME**
[72] BOULAY, BERNARD, FR
[71] CRYPTIC, FR
[85] 2004-10-12
[86] 2003-04-11 (PCT/FR2003/001162)
[87] 2003-10-23 (WO2003/088137)
[30] FR (02/04607) 2002-04-12

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[51] **Int.Cl. 7A61K 31/66 7A61P 31/04 7A61K 7/22 7A61K 31/663**
[25] FR
[54] **DERIVES POLY-PHOSPHONATES POUR COMPOSITIONS DENTIFRICES**
[54] **POLYPHOSPHONATE DERIVATIVES FOR TOOTHPASTE COMPOSITIONS**
[72] DENIZOT, ANNE, FR
[72] HINDRE, FRANCOIS, FR
[72] PORTET, DAVID, FR
[72] DENIZOT, BENOIT, FR
[71] UNIVERSITE D'ANGERS, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2004-10-12
[86] 2003-04-14 (PCT/FR2003/001178)
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[13] A1
[51] **Int.Cl. 7B23K 11/36**
[25] EN
[54] **HOUSSE DE PROTECTION POUR DES APPAREILS DE SOUDAGE**
[54] **PROTECTIVE COVERING FOR WELDING DEVICES**
[72] ROBILLOT, ALAIN, FR
[71] ATELIER SYSTEMES DE PROTECTION SAS, FR
[85] 2004-10-12
[86] 2003-04-14 (PCT/EP2003/050105)
[87] 2003-10-23 (WO2003/087685)
[30] FR (0204763) 2002-04-15

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[13] A1
[51] **Int.Cl. 7G11B 20/10 7G11B 23/00 7G11B 7/0045 7G11B 7/005 7G11B 7/007**
[25] EN
[54] **RECORDING MEDIUM, METHOD OF CONFIGURING CONTROL INFORMATION THEREOF, RECORDING AND/OR REPRODUCING METHOD USING THE SAME, AND APPARATUS THEREOF**
[54] **SUPPORT D'ENREGISTREMENT, METHODE DE CONFIGURATION DES DONNEES DE COMMANDE CONNEXES, METHODE D'ENREGISTREMENT ET/OU DE REPRODUCTION EN FAISANT USAGE ET APPAREIL CONNEXE**
[72] SUH, SANG WOON, KR
[72] KIM, JIN YONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2004-11-01
[86] 2004-06-25 (PCT/KR2004/001550)
[87] 2005-02-14 (WO/)
[30] KR (2003-56540) 2003-08-14
[30] KR (2003-63591) 2003-09-15
[30] KR (2003-65628) 2003-09-22

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[13] A1
[51] **Int.Cl. 7C12N 15/12 7A61K 45/00 7C07K 19/00 7C12Q 1/00 7C12P 21/02 7C12Q 1/02 7A61K 38/17 7A61P 25/28 7C07K 14/47 7G01N 33/53 7C12Q 1/68**
[25] EN
[54] **COMPOSITIONS AND METHOD OF TREATING ALZHEIMER'S DISEASE**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] YAN, RIQIANG, US
[72] LU, YIFENG, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2004-10-14
[86] 2003-04-08 (PCT/US2003/008829)
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[25] FR
[54] **SUBSTRAT A REVETEMENT
AUTO-NETTOYANT**
[54] **SUBSTRATE WITH A SELF-
CLEANING COATING**
[72] GUENEAU, LETHICIA, FR
[72] RONDET, MAURICETTE, FR
[72] BESSON, SOPHIE, FR
[72] BOILOT, JEAN-PIERRE, FR
[72] DURAND, CLARISSE, FR
[72] GACOIN, THIERRY, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2004-10-14
[86] 2003-04-16 (PCT/FR2003/001218)
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[30] FR (02/04775) 2002-04-17

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[13] A1
[51] **Int.Cl. 7C12N 15/62 7C07K 19/00
7C12Q 1/02 7A61K 38/17**
[25] EN
[54] **CONJUGATES OF MEMBRANE
TRANSLOCATING AGENTS AND
PHARMACEUTICALLY ACTIVE
AGENTS**
[54] **CONJUGUES D'AGENTS DE
TRANSLOCATION MEMBRANAIRE
ET D'AGENTS A ACTION
PHARMACEUTIQUE**
[72] O'MAHONY, DANIEL J., IE
[72] LAMBKIN, IMELDA, IE
[72] HOUGHTEN, RICHARD, US
[72] PINILLA, CLEMENCIA, US
[71] SARLAN, LTD., BM
[85] 2004-10-15
[86] 2003-04-21 (PCT/US2003/012543)
[87] 2003-10-30 (WO2003/089458)
[30] US (10/126,845) 2002-04-19

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[13] A1
[51] **Int.Cl. 7C07D 209/14 7A61P 43/00
7A61K 31/404**
[25] FR
[54] **DERIVES D'INDOLE ET LEUR
UTILISATION EN TANT QUE LIGANDS
DES RECEPTEURS CB2**
[54] **INDOLE DERIVATIVES AND THE
USE THEREOF AS CB2 RECEPTOR
LIGANDS**
[72] VERNHET, CLAUDE, FR
[72] BARTH, FRANCIS, FR
[72] GUILLAUMONT, CAROLE, FR
[72] RINALDI-CARMONA, MURIELLE,
FR
[71] SANOFI-AVENTIS, FR
[85] 2004-10-18
[86] 2003-05-15 (PCT/FR2003/001470)
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[30] FR (02/06133) 2002-05-17

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[13] A1
[51] **Int.Cl. 7A61K 7/06 7A61K 7/48**
[25] FR
[54] **COMPOSITION COSMETIQUE
POUR FAVORISER LA POUSSE ET/OU
EMPECHER OU RETARDER LA
CHUTE DES CHEVEUX**
[54] **COSMETIC COMPOSITION FOR
PROMOTING HAIR GROWTH AND/OR
PREVENTING OR DELAYING HAIR
LOSS**
[72] BERNARD, BRUNO, FR
[72] ROZOT, ROGER, FR
[72] MICHELET, JEAN-FRANCOIS, FR
[72] BOULLE, CHRISTOPHE, FR
[71] L'OREAL, FR
[85] 2004-10-14
[86] 2003-04-23 (PCT/FR2003/001285)
[87] 2003-11-06 (WO2003/090699)
[30] FR (02/05067) 2002-04-23
[30] FR (02/13461) 2002-10-28

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[13] A1
[51] **Int.Cl. 7G01N 15/08 7G01N 33/24**
[25] FR
[54] **METHODE D'EVALUATION DE
LA COURBE DE PRESSION
CAPILLAIRE DES ROCHES D'UN
GISEMENT SOUTERRAIN A PARTIR
DE MESURES SUR DES DEBRIS DE
ROCHE**
[54] **METHOD FOR EVALUATING
CAPILLARY PRESSURE CURVE OF AN
UNDERGROUND DEPOSIT ROCKS
BASED ON ROCK CUTTINGS
MEASUREMENTS**
[72] LONGERON, DANIEL, FR
[72] LENORMAND, ROLAND, FR
[72] EGERMAN, PATRICK, FR
[71] INSTITUT FRANCAIS DU PETROLE,
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[85] 2004-10-18
[86] 2003-05-14 (PCT/FR2003/001456)
[87] 2003-11-27 (WO2003/098196)
[30] FR (02/06003) 2002-05-15

[21] **2,482,897**
[13] A1
[51] **Int.Cl. 7C07K 14/435 7G01N 33/68**
[25] EN
[54] **TWO GREEN FLUORESCENT
PROTEIN FRAGMENTS AND THEIR
USE IN A METHOD FOR DETECTING
PROTEIN - PROTEIN INTERACTIONS**
[54] **DEUX FRAGMENTS DE
PROTEINE VERTE FLUORESCENTE
ET LEUR UTILISATION DANS UN
PROCEDE DE DETECTION
D'INTERACTIONS PROTEINE-
PROTEINE**
[72] TERRY, BERNARD ROBERT, DK
[72] DAHL, SOEREN, DK
[71] BIOIMAGE A/S, DK
[85] 2004-10-18
[86] 2002-12-19 (PCT/DK2002/000882)
[87] 2003-10-30 (WO2003/089464)
[30] DK (PA 2002 00591) 2002-04-19
[30] DK (PA 2002 00896) 2002-06-13
[30] DK (PA 2002 01029) 2002-07-01

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[13] A1

[51] **Int.Cl. 7C12N 15/11 7A01K 67/027 7C12N 5/10 7C12Q 1/68 7A61K 31/713 7C12N 15/86**
[25] EN
[54] **MEANS AND METHODS FOR THE SPECIFIC INHIBITION OF GENES IN CELLS AND TISSUE OF THE CNS AND/OR EYE**
[54] **MOYENS ET PROCÉDES POUR L'INHIBITION SPECIFIQUE DE GENES DANS LES CELLULES ET LE TISSU DU SYSTEME NERVEUX CENTRAL ET/OU DE L'OEIL**
[72] SCHULTE, RALF WILHELM, DE
[72] GOEHRING, FRANK, DE
[71] LYNKEUS BIOTECH GMBH, DE
[85] 2004-10-18
[86] 2003-04-16 (PCT/EP2003/004002)
[87] 2003-10-23 (WO2003/087367)
[30] EP (02008761.5) 2002-04-18
[30] US (60/431,173) 2002-12-05

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[13] A1

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[25] EN
[54] **TISSUE SPECIFIC GENES AND GENE CLUSTERS**
[54] **GENES ET BATTERIES DE GENES SPECIFIQUES DE TISSUS**
[72] JAY, GILBERT, US
[72] WU, MENG, US
[72] SHU, YOU MIN, US
[72] LIU, XUAN, US
[72] SUN, ZAIREN, US
[72] LEBOVITZ, RICHARD M., US
[71] ORIGENE TECHNOLOGIES, INC., US
[85] 2004-10-18
[86] 2003-04-15 (PCT/US2003/011497)
[87] 2003-10-30 (WO2003/089583)
[30] US (60/372,669) 2002-04-16
[30] US (60/374,823) 2002-04-24
[30] US (60/376,558) 2002-05-01
[30] US (60/381,366) 2002-05-20
[30] US (60/403,648) 2002-08-16
[30] US (60/411,882) 2002-09-20
[30] US (60/424,336) 2002-11-07

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[13] A1

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[25] EN
[54] **TOCOPHEROL ASSOCIATED PROTEIN AND USES THEREOF**
[54] **PROTEINE ASSOCIEE AU TOCOPHEROL ET UTILISATIONS DE CELLE-CI**
[72] LIU, HUI, US
[72] HANTASH, FERAS, US
[72] YU, WEIPING, US
[72] SANDERS, BOB G., US
[72] KLINE, KIMBERLY, US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 2004-10-18
[86] 2003-04-21 (PCT/US2003/012238)
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[30] US (60/373,870) 2002-04-19

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[13] A1

[51] **Int.Cl. 7C12N 9/12 7A61K 39/00 7A61K 38/04 7C12N 15/11 7C12N 15/62**
[25] FR
[54] **EPITOPES T DE L'ANTIGENE EPHA2**
[54] **EPHA2 ANTIGEN T EPITOPES**
[72] KOSMATOPOULOS, KOSTAS, FR
[72] ALVES, PEDRO, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] INSTITUT GUSTAVE-ROUSSY, FR
[85] 2004-10-18
[86] 2003-04-23 (PCT/FR2003/001280)
[87] 2003-11-06 (WO2003/091383)
[30] FR (02/05048) 2002-04-23

[21] **2,483,105**
[13] A1

[51] **Int.Cl. 7C12Q 1/00**
[25] EN
[54] **AUTOIMMUNE CONDITIONS AND NADPH OXIDASE DEFECTS**
[54] **MALADIES AUTO-IMMUNES ET DEFICIENCES DE NADPH OXYDASE**
[72] HOLMDAHL, RIKARD, SE
[72] OLOFSSON, PETER, SE
[71] AREXIS AB, SE
[85] 2004-10-22
[86] 2003-05-13 (PCT/IB2003/002419)
[87] 2003-11-20 (WO2003/095667)
[30] US (60/380,904) 2002-05-13
[30] US (60/429,609) 2002-11-27

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[13] A1

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[25] EN
[54] **DECOY FOR TREATING AND/OR PREVENTING TH2 CYTOKINE-ASSOCIATED ALLERGIC DISEASE, GATA3 MUTANT PROTEIN AND MEDICINAL COMPOSITIONS CONTAINING THE SAME**
[54] **LEURRE DESTINE AU TRAITEMENT ET/OU A LA PREVENTION D'UNE MALADIE ALLERGIQUE ASSOCIEE A LA CYTOKINE TH2, PROTEINE MUTANTE GATA3 ET COMPOSITIONS MEDICINALES CONTENANT CELLE-CI**
[72] MIYATAKE, SHOICHIRO, JP
[72] TAKEMOTO, NAOFUMI, JP
[72] ARAI, KEN-ICHI, JP
[71] GINKGO BIOMEDICAL RESEARCH INSTITUTE CO., LTD., JP
[85] 2004-10-20
[86] 2003-04-24 (PCT/JP2003/005276)
[87] 2003-11-06 (WO2003/090788)
[30] JP (2002-123019) 2002-04-24
[30] JP (2002-368545) 2002-12-19

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[13] A1

[51] **Int.Cl. 7G06K 19/077 7G06K 19/07**
[25] EN
[54] **RECORDING TAG AND READING SYSTEM**
[54] **ETIQUETTE D'ENREGISTREMENT ET SYSTEME DE LECTURE**
[72] PETERSEN, MICHAEL, CA
[72] WILSON, ALLAN, CA
[71] INTELLIGENT DEVICES INC., BB
[85] 2004-10-21
[86] 2003-04-23 (PCT/CA2003/000585)
[87] 2003-11-06 (WO2003/091945)
[30] CA (2,383,049) 2002-04-23

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[21] **2,483,261**
[13] A1

[51] **Int.Cl. 7G05F 1/00**
[25] EN
[54] **PWM CONTROLLER WITH AUTOMATIC LOW BATTERY POWER REDUCTION CIRCUIT AND LIGHTING DEVICE INCORPORATING THE CONTROLLER**
[54] **CONTROLEUR DE LAMPE A MODULATION D'IMPULSIONS EN LARGEUR POUR DES PROJECTEURS COMPRENANT UN CIRCUIT DE REDUCTION AUTOMATIQUE D'ALIMENTATION LORSQUE LE NIVEAU DE BATTERIE EST FAIBLE**
[72] KRIEGER, MICHAEL, US
[72] SHUM, HENRY, CN
[72] RANDOLPH, BRUCE, US
[71] VECTOR PRODUCTS, INC., US
[85] 2004-10-25
[86] 2003-04-28 (PCT/US2003/013106)
[87] 2003-11-20 (WO2003/096135)
[30] US (60/375,450) 2002-04-26
[30] US (10/277,087) 2002-10-22
[30] US (10/345,154) 2003-01-16

[21] **2,483,270**
[13] A1

[51] **Int.Cl. 7A61K 38/43 7A61K 38/47**
[25] EN
[54] **TREATMENT OF ALPHA-GALACTOSIDASE A DEFICIENCY**
[54] **TRAITEMENT D'UN DEFICIT EN ALPHA-GALACTOSIDASE A**
[72] LOVEDAY, KENNETH, US
[72] TRECO, DOUGLAS A., US
[72] BOROWSKI, MARIANNE, US
[71] TRANSKARYOTIC THERAPIES, INC., US
[85] 2004-10-22
[86] 2003-04-25 (PCT/US2003/013063)
[87] 2003-11-06 (WO2003/090695)
[30] US (60/375,584) 2002-04-25

[21] **2,483,285**
[13] A1

[51] **Int.Cl. 7C07K 16/18 7A61K 48/00 7C12N 15/09**
[25] EN
[54] **IMMUNOGLOBULIN FRAMEWORKS WHICH DEMONSTRATE ENHANCED STABILITY IN THE INTRACELLULAR ENVIRONMENT AND METHODS OF IDENTIFYING SAME**
[54] **INFRASTRUCTURES IMMUNOGLOBULINIQUES FAISANT PREUVE DE STABILITE ACCRUE EN ENVIRONNEMENT INTRACELLULAIRE, ET PROCEDES D'IDENTIFICATION CORRESPONDANTS**
[72] TISSOT, KATHRIN, CH
[72] EWERT, STEFAN, CH
[72] BARBERIS, ALCIDE, CH
[72] AUF DER MAUR, ADRIAN, CH
[72] ESCHER, DOMINIK, CH
[71] ESBATECH AG, CH
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[86] 2003-05-21 (PCT/EP2003/005324)
[87] 2003-11-27 (WO2003/097697)
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[51] **Int.Cl. 7C12Q 1/68 7C12N 15/00 7C07H 21/04 7C12P 19/34**
[25] EN
[54] **AMPLIFICATION OF DNA TO PRODUCE SINGLE-STRANDED PRODUCT OF DEFINED SEQUENCE AND LENGTH**
[54] **AMPLIFICATION D'ADN POUR OBTENTION D'UN PRODUIT A SIMPLE BRIN DE SEQUENCE ET DE LONGUEUR DEFINIES**
[72] KOENIGSBERGER, CAROL, US
[72] CROTHERS, DONALD M., US
[71] GENE OHM SCIENCES, US
[85] 2004-10-21
[86] 2003-04-22 (PCT/US2003/012824)
[87] 2003-11-06 (WO2003/091406)
[30] US (60/376,141) 2002-04-25
[30] US (10/138,067) 2002-05-01

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[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61P 33/00 7A61P 31/04 7A61K 38/08 7A61P 31/12**
[25] EN
[54] **MANNOSE BINDING LECTIN AND USES THEREOF**
[54] **LECTINE DE FIXATION DU MANNOSE ET UTILISATIONS CORRESPONDANTES**
[72] O'BRIEN, GRACE, AU
[72] MINCHINTON, ROBYN MYRA, AU
[72] MARTINELLI, TERESA MARION, AU
[72] DEAN, MELINDA MARGARET, AU
[72] PIKE, ROBERT NEIL, AU
[71] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2004-10-22
[86] 2003-04-24 (PCT/AU2003/000489)
[87] 2003-11-06 (WO2003/090774)
[30] AU (PS 1961) 2002-04-24
[30] AU (2002953324) 2002-12-13

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[13] A1

[51] **Int.Cl. 7D06M 15/356**
[25] EN
[54] **DURABLE FIBER TREATMENT COMPOSITION**
[54] **COMPOSITION DE TRAITEMENT DURABLE DE FIBRES**
[72] BOUMARD, CORALIE CLAUDE MONIQUE, GB
[72] DRING, NEIL CHARLES, GB
[72] GLENN, ROBERT WAYNE, GB
[72] MCMEEKIN, ANTHONY, GB
[72] GODFREY, SIMON PAUL, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-10-22
[86] 2003-04-22 (PCT/US2003/012269)
[87] 2003-11-06 (WO2003/090508)
[30] GB (0209485.2) 2002-04-25

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[13] A1

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[25] EN
[54] **MUTATED HPV-16 E7 POLYPEPTIDE, PHARMACEUTICAL COMPOSITION COMPRISING IT AND ITS PREPARATION PROCESS**
[54] **POLYPEPTIDE HPV-16 E7 MUTE, PREPARATIONS PHARMACEUTIQUES LE CONTENANT, ET SON PROCEDE DE PREPARATION**
[72] HALLEZ, SOPHIE, BE
[72] BOLLEN, ALEX, BE
[72] JACQUET, ALAIN, BE
[72] BURNY, ARSENE, BE
[71] UNIVERSITE LIBRE DE BRUXELLES, BE
[85] 2004-10-22
[86] 2003-04-24 (PCT/BE2003/000073)
[87] 2003-11-06 (WO2003/090664)
[30] FR (0205173) 2002-04-24
[30] US (60/410,461) 2002-09-13
[30] FR (0304170) 2003-04-03

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[51] **Int.Cl. 7C12N 15/12 7C07H 21/00 7C12Q 1/04 7C12Q 1/68**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING TRANSPLANT REJECTION**
[54] **METHODES ET COMPOSITIONS PERMETTANT DE DIAGNOSTIQUER ET DE SURVEILLER LE REJET D'UN GREFFON**
[72] WOHLGEMUTH, JAY, US
[72] FRY, KIRK, US
[72] WOODWARD, ROBERT, US
[72] LY, NGOC, US
[72] PRENTICE, JAMES, US
[72] MORRIS, MACDONALD, US
[72] ROSENBERG, STEVEN, US
[71] EXPRESSION DIAGNOSTICS, INC., US
[85] 2004-10-22
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[87] 2004-05-21 (WO2004/042346)
[30] US (10/131,831) 2002-04-24
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[13] A1

[51] **Int.Cl. 7C12N 15/62 7C07K 19/00 7C07K 14/47 7G01N 33/53**
[25] EN
[54] **SEMISYNTHETIC PROTEIN-BASED SITE-DIRECTED PROBES FOR IDENTIFICATION AND INHIBITION OF ACTIVE SITES, AND METHODS THEREFOR**
[54] **SONDES PROTEIQUES DIRIGEES SEMI-SYNTHETIQUES DESTINEES A L'IDENTIFICATION ET L'INHIBITION DE SITES ACTIFS ET PROCEDES ASSOCIES**
[72] KOLLI, NAGAMALLESWARI, US
[72] GALARDY, PAUL, US
[72] PLOEGH, HIDDE L., US
[72] GAN-ERDENE, TUDEVIN, US
[72] BORODOVSKY, ANNA, US
[72] OVAA, HUIB, US
[72] KESSLER, BENEDIKT, US
[72] HEMELAAR, JORIS, US
[72] WILKINSON, KEITH D., US
[71] EMORY UNIVERSITY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[87] 2003-11-06 (WO2003/091411)
[30] US (60/375,586) 2002-04-25

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[13] A1

[51] **Int.Cl. 7C12N 15/87 7C12M 3/00 7C12N 15/82**
[25] EN
[54] **ELECTROPORATION METHOD INCLUDING THE USE OF DEPRESSURIZATION/PRESSURIZATION**
[54] **PROCEDE D'ELECTROPORATION COMPRENANT L'UTILISATION D'UNE DEPRESSURISATION/PRESSURISATION**
[72] HAGIO, TAKASHI, JP
[72] TABELI, YUTAKA, JP
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP
[85] 2004-10-25
[86] 2003-07-14 (PCT/JP2003/008937)
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[30] JP (2002-207611) 2002-07-16

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[13] A1

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[25] EN
[54] **FAGOPYRITOL SYNTHASE GENES AND USES THEREOF**
[54] **GENES DE FAGOPYRITOL SYNTHASE ET LEURS UTILISATIONS**
[72] OBENDORF, RALPH L., US
[72] UEDA, TAKASHI, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2004-10-25
[86] 2003-05-09 (PCT/US2003/014737)
[87] 2004-05-06 (WO2004/037974)
[30] US (60/379,373) 2002-05-09

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[13] A1

[51] **Int.Cl. 7C07H 21/00 7A61K 39/12 7A61P 31/14 7A61K 31/7088**
[25] EN
[54] **DENGUE TETRAVALENT VACCINE CONTAINING A COMMON 30 NUCLEOTIDE DELETION IN THE 3'-UTR OF DENGUE TYPES 1,2,3, AND 4, OR ANTIGENIC CHIMERIC DENGUE VIRUSES 1,2,3, AND 4**
[54] **VACCIN TETRAVALENT CONTRE LA DENGUE CONTENANT UNE SUPPRESSION COMMUNE DE 30 NUCLEOTIDES DANS LA 3'-UTR DE TYPES 1, 2, 3 ET 4 DE LA DENGUE OU DES VIRUS ANTIGENES CHIMERIQUES DE LA DENGUE DE TYPES 1, 2, 3 ET 4**
[72] MARKOFF, LEWIS, US
[72] MURPHY, BRIAN R., US
[72] FALGOUT, BARRY, US
[72] BLANEY, JOSEPH, US
[72] HANLEY, KATHRYN, US
[72] WHITEHEAD, STEPHEN S., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[25] EN
[54] IDENTIFICATION OF
OLIGOADENYLATE SYNTHETASE-
LIKE GENES
[54] IDENTIFICATION DE GENES DU
TYPE OLIGOADENYLATE
SYNTHETASE
[72] BAI, YUCHEN, US
[72] MATZUK, MARTIN M., US
[72] YAN, WEI, US
[71] BAYLOR COLLEGE OF MEDICINE,
US
[71] WYETH, US
[85] 2004-10-26
[86] 2003-05-16 (PCT/US2003/015453)
[87] 2004-05-27 (WO2004/044124)
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[13] A1
[51] Int.Cl. 7A61F 2/06
[25] EN
[54] STENT-GRAFT AND METHOD
FOR DETECTING A CHANGE IN
PRESSURE DIFFERENTIAL ACROSS
THE STENT-GRAFT
[54] DISPOSITIF ENDOLUMINAL ET
SYSTEME ET PROCEDE DE
DETECTION DE CHANGEMENT DE
DIFFERENTIEL DE PRESSION DANS
UN DISPOSITIF ENDOLUMINAL
[72] SMITH, JOHN K. (DECEASED), ZZ
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2004-10-01
[86] 2003-05-09 (PCT/US2003/014690)
[87] 2003-11-27 (WO2003/096936)
[30] US (10/143,434) 2002-05-10

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[51] Int.Cl. 7A61K 39/205 7C12N 7/04
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[25] FR
[54] UTILISATION DE
NOVIRHABDOVIRUS MODIFIES POUR
L'OBTENTION DE VACCINS
[54] USE OF MODIFIED
NOVIRHABDOVIRUSES TO OBTAIN
VACCINES
[72] THOULOZE, MARIA-ISABEL, FR
[72] LEBERRE, MONIQUE, FR
[72] BREMONT, MICHEL, FR
[72] BIACCHESI, STEPHANE, FR
[71] INSTITUT NATIONAL DE LA
RECHERCHE AGRONOMIQUE, FR
[85] 2004-10-29
[86] 2003-05-07 (PCT/FR2003/001413)
[87] 2003-11-27 (WO2003/097090)
[30] FR (02/05702) 2002-05-07

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[13] A1
[51] Int.Cl. 7C12Q 1/70 7C12N 7/00
7C12Q 1/04 7C12N 5/10
[25] EN
[54] CELLS FOR DETECTION OF
INFLUENZA AND PARAINFLUENZA
VIRUSES
[54] CELLULES DE DETECTION DE
VIRUS GRIPPAUX ET
PARAINFLUENZA
[72] HUANG, YUNG T., US
[71] UNIVERSITY HOSPITALS OF
CLEVELAND, US
[85] 2004-10-25
[86] 2003-04-17 (PCT/US2003/012203)
[87] 2003-11-06 (WO2003/091459)
[30] US (10/133,910) 2002-04-25

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[13] A1
[51] Int.Cl. 7G01N 33/48 7A61K 45/00
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[25] EN
[54] INDIVIDUALIZATION OF
THERAPY WITH ANTINEOPLASTIC
AGENTS
[54] PERSONNALISATION D'UNE
THERAPIE A L'AIDE D'AGENTS
ANTINEOPLASQUES
[72] LEYLAND-JONES, BRIAN, US
[71] MCGILL UNIVERSITY, CA
[85] 2004-10-27
[86] 2002-04-29 (PCT/CA2002/000642)
[87] 2002-11-07 (WO2002/088714)
[30] US (60/287,014) 2001-04-30

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[51] Int.Cl. 7C07K 14/025 7A61K 38/16
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[25] FR
[54] COMPOSITION IMMUNOGENE
OU VACCINALE NON
IMMUNOSUPPRESSIVE,
COMPRENANT UNE PROTEINE E7
MUTEE DU VIRUS HPV-16
[54] NON-IMMUNOSUPPRESSIVE
IMUNOGENIC OR VACCINE
COMPOSITION COMPRISING A
MUTATED E7 PROTEIN OF THE HPV-
16 VIRUS
[72] ZAGURY, DANIEL, FR
[72] BIZZINI, BERNARD, FR
[72] COHEN, PAUL, FR
[72] LE BUANEC, HELENE, FR
[71] NEOVACS, FR
[85] 2004-10-22
[86] 2003-04-04 (PCT/FR2003/001082)
[87] 2003-11-06 (WO2003/090667)
[30] FR (02/05173) 2002-04-24

[21] **2,483,909**
[13] A1
[51] Int.Cl. 7A61K 38/19 7C07K 14/52
[25] EN
[54] NOVEL TISSUE FACTOR
TARGETED THROMBOMODULIN
FUSION PROTEINS AS
ANTICOAGULANTS
[54] NOUVELLES PROTEINES DE
FUSION DE THROMBOMODULINE
CIBLEES SUR LE FACTEUR
TISSULAIRE COMME
ANTICOAGULANTS
[72] LIGHT, DAVID, US
[72] MCLEAN, KIRK, US
[71] SCHERING
AKTIENGESELLSCHAFT, DE
[85] 2004-11-01
[86] 2003-04-30 (PCT/US2003/013522)
[87] 2003-11-13 (WO2003/092602)
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[13] A1
[51] **Int.Cl. 7A61K 39/395 7C12N 15/13 7C07K 16/28**
[25] EN
[54] **NOVEL TISSUE FACTOR TARGETED ANTIBODIES AS ANTICOAGULANTS**
[54] **NOUVEAUX ANTICORPS DIRIGES CONTRE LE FACTEUR TISSULAIRE COMME ANTICOAGULANTS**
[72] MCLEAN, KIRK, US
[72] LIGHT, DAVID, US
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2004-11-01
[86] 2003-04-30 (PCT/US2003/013521)
[87] 2003-11-13 (WO2003/093422)
[30] US (60/376,566) 2002-05-01

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[13] A1
[51] **Int.Cl. 7C07K 14/755 7A61P 7/04 7C07K 16/36 7A61K 38/37 7A61K 39/395**
[25] EN
[54] **ANTAGONISTS OF FACTOR VIII INTERACTION WITH LOW-DENSITY LIPOPROTEIN RECEPTOR-RELATED PROTEIN**
[54] **ANTAGONISTES D'INTERACTION DU FACTEUR VIII AVEC UNE PROTEINE DE RECEPTEUR DE LIPOPROTEINE DE FAIBLE DENSITE**
[72] MERTENS, KOENRAAD, NL
[72] BOVENSCHEN, AREND NIELS, NL
[72] VOORBERG, JAN, NL
[72] RIEGER, MANFRED, AT
[72] SCHEIFLINGER, FRIEDRICH, AT
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE S.A., CH
[71] STICHTING SANQUIN BLOEDVOORZIENING, NL
[85] 2004-10-26
[86] 2003-04-28 (PCT/EP2003/004425)
[87] 2003-11-13 (WO2003/093313)
[30] US (60/376,351) 2002-04-29

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[13] A1
[51] **Int.Cl. 7C12N 15/86 7A61K 38/00 7C12N 5/06 7C07K 14/15**
[25] EN
[54] **IMPROVED CHIMERIC GLYCOPROTEINS AND PSEUDOTYPED LENTIVIRAL VECTORS**
[54] **GLYCOPROTEINES CHIMERIQUES AMELIOREES ET VECTEURS LENTIVIRAUX PSEUDOTYPES AMELIORES**
[72] BOSON, BERTRAND, FR
[72] NEGRE, DIDIER, FR
[72] SANDRIN, VIRGINIE, FR
[72] TRONO, DIDIER, CH
[72] COSSET, FRANCIOS-LOIC, FR
[72] SALMON, PATRICK, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] INSTITUT CLAYTON DE LA RECHERCHE, CH
[85] 2004-10-25
[86] 2003-04-25 (PCT/IB2003/001597)
[87] 2003-11-06 (WO2003/091442)
[30] US (60/375,654) 2002-04-26

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[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07H 21/00 7A61K 45/00 7A61K 48/00 7C12Q 1/02 7A61P 3/04 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12Q 1/68 7A61K 31/7088**
[25] EN
[54] **HUMAN OBESITY SUSCEPTIBILITY GENE AND USES THEREOF**
[54] **GENE HUMAIN DE PREDISPOSITION A L'OBESITE ET UTILISATIONS DUDIT GENE**
[72] HAGER, JOERG, FR
[72] PHILIPPI, ANNE, FR
[72] ROSCHMANN, ELKE, FR
[72] BROOKS, PETER, FR
[71] INTEGRAGEN, FR
[85] 2004-10-27
[86] 2003-05-14 (PCT/EP2003/005052)
[87] 2003-11-27 (WO2003/097683)
[30] EP (02291201.8) 2002-05-15
[30] EP (02292392.4) 2002-09-27

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[13] A1
[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7A61K 48/00 7C07K 7/06 7A61K 38/07 7A61K 38/08 7C07K 7/08 7A61K 38/10 7C07K 5/10 7G01N 33/53 7G01N 33/543 7G01N 33/68 7A61K 31/7088**
[25] EN
[54] **SCREENING FOR PEPTIDES INHIBITING PP1C BINDING TO BCL-2, BCL-XL AND BCL-W PROTEINS**
[54] **PROCEDES DE CRIBLAGE DE POLYPEPTIDES OU PROTEINES INTERAGISSANT AVEC PP1, DE PEPTIDES INHIBANT LA LIAISON DE PP1C A DES PROTEINES BCL-2, BCL-XL ET BCL-W, ET UTILISATIONS ASSOCIEES**
[72] GARCIA, ALPHONSE, FR
[72] REBOLLO, ANGELITA, FR
[72] CAYLA, XAVIER, FR
[71] INSTITUT PASTEUR, FR
[85] 2004-10-29
[86] 2003-05-06 (PCT/EP2003/005453)
[87] 2003-11-20 (WO2003/096022)
[30] EP (02291170.5) 2002-05-07

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[13] A1
[51] **Int.Cl. 7C12N 15/54 7A61K 48/00 7C12N 9/12 7A61K 38/45 7A61K 31/7088**
[25] EN
[54] **MATERIALS AND METHODS FOR PREVENTION AND TREATMENT OF RNA VIRAL DISEASES**
[54] **MATIERES ET PROCEDES VISANT A PREVENIR ET A TRAITER DES MALADIES PROVOQUEES PAR DES VIRUS A ARN**
[72] BEHERA, ARUNA K., US
[72] MOHAPATRA, SHYAM S., US
[71] UNIVERSITY OF SOUTH FLORIDA, US
[85] 2004-10-29
[86] 2003-04-30 (PCT/US2003/013817)
[87] 2003-11-13 (WO2003/092618)
[30] US (60/319,216) 2002-04-30
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[25] EN
[54] **NOVEL 35 KD PROTEIN**
[54] **NOUVELLE PROTEINE 35KD**
[72] NAKAJIMA, HIDENORI, JP
[72] OHKUBO, MITSURU, JP
[72] YOSHIMURA, SEIJI, JP
[72] NISHIO, NOBUYA, JP
[72] NISHIO, KAORI, JP
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP
[85] 2004-10-26
[86] 2003-04-28 (PCT/JP2003/005431)
[87] 2003-11-06 (WO2003/091436)
[30] JP (2002-126107) 2002-04-26

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[13] A1
[51] **Int.Cl. 7C07K 16/28 7A61P 35/00 7C12N 5/10 7C12N 15/13 7A61K 39/395 7A61K 31/7088 7C12N 15/85**
[25] EN
[54] **ANTIBODIES SPECIFIC FOR HUMAN CD22 AND THEIR THERAPEUTIC AND DIAGNOSTIC USES**
[54] **PRODUITS BIOLOGIQUES**
[72] POPPLEWELL, ANDREW GEORGE, GB
[72] LADYMAN, HEATHER MARGARET, GB
[72] TICKLE, SIMON PETER, GB
[71] CELLTECH R&D LIMITED, GB
[85] 2004-10-27
[86] 2003-05-02 (PCT/GB2003/001934)
[87] 2003-11-13 (WO2003/093320)
[30] GB (0210121.0) 2002-05-02

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[13] A1
[51] **Int.Cl. 7C12N 15/45 7A61K 45/00 7A61K 48/00 7A61P 35/00 7C07K 14/115 7A61K 35/76**
[25] EN
[54] **VECTOR WITH MODIFIED PROTEASE-DEPENDENT TROPISM**
[54] **VECTEUR AVEC TROPISME DEPENDANT DE LA PROTEASE MODIFIE**
[72] HASEGAWA, MAMORU, JP
[72] KINOH, HIROAKI, JP
[72] KOBAYASHI, MASANORI, JP
[72] INOUE, MAKOTO, JP
[72] IIDA, AKIHIRO, JP
[72] UEDA, YASUJI, JP
[71] DNAVEC RESEARCH INC., JP
[85] 2004-10-27
[86] 2003-04-30 (PCT/JP2003/005528)
[87] 2003-11-13 (WO2003/093476)
[30] JP (2002-129351) 2002-04-30

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[13] A1
[51] **Int.Cl. 7C12N 1/20 7C12N 9/00 7C12P 13/00 7A61P 31/04 7C12P 1/06 7C12P 17/06 7C07D 309/10 7A61K 31/155 7A61K 31/164 7A61K 31/195 7C12N 15/31 7A61K 31/35 7A61K 31/357 7C07K 14/36 7C12N 15/52**
[25] EN
[54] **POLYENE POLYKETIDES AND METHODS OF PRODUCTION**
[54] **POLYCETIDES POLYENIQUES ET METHODES DE PRODUCTION CONNEXES**
[72] MCALPINE, JAMES B., CA
[72] ZAZOPOULOS, EMMANUEL, CA
[72] SORENSEN, DAN, CA
[72] FARNET, CHRIS M., CA
[71] ECOPIA BIOSCIENCES INC., CA
[85] 2004-11-18
[86] 2004-09-10 (PCT/CA2004/001603)
[87] 2005-02-14 (WO/)
[30] US (60/501,821) 2003-09-11
[30] US (60/574,922) 2004-05-28
[30] US (60/581,707) 2004-06-23

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[54] **HUMAN CHRONIC LYMPHOCYTIC LEUKEMIA MODELED IN MOUSE BY TARGETED TCL1 EXPRESSION**
[54] **LA LEUCEMIE LYMPHOCYTAIRE CHRONIQUE HUMAINE MODELISEE DANS LA SOURIS PAR L'EXPRESSION CIBLEE DE LA LEUCEMIE LYMPHOCYTAIRE 1 (TCL1)**
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[71] THOMAS JEFFERSON UNIVERSITY, US
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[54] **ANTIGENS ENCODED BY ALTERNATIVE READING FRAME FROM PATHOGENIC VIRUSES**
[54] **ANTIGENES A PHASE DE LECTURE ALTERNANTE A PARTIR DE VIRUS**
[72] HABEL, ANDRE, AT
[72] SCHMIDT, WALTER, AT
[72] MATTNER, FRANK, AT
[71] INTERCELL AG, AT
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[54] **UTILISATION DE GLXR REPRESSEUR POUR LA SYNTHÈSE DE LA LYSINE DANS CORYNEBACTERIUM GLUTAMICUM**
[72] LEE, HEUNG-SHICK, KR
[72] HAEFNER, STEFAN, DE
[72] SCHROEDER, HARTWIG, DE
[72] KROEGER, BURKHARD, DE
[72] KLOPPROGGE, CORINNA, DE
[72] ZELDER, OSKAR, DE
[71] BASF AKTIENGESELLSCHAFT, DE
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[54] **PEPTIDE ANTAGONISTS OF TGF-BETA FAMILY MEMBERS AND THERAPEUTIC USES THEREOF**
[54] **ANTAGONISTES PEPTIDIQUES DES ELEMENTS DE LA FAMILLE DU TGF-BETA ET UTILISATIONS THERAPEUTIQUES DE CES ANTAGONISTES**
[72] HUANG, JUNG SAN, US
[71] ST. LOUIS UNIVERSITY, US
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[54] **METHOD FOR PRODUCING MULTIPLE UNSATURATED FATTY ACIDS IN PLANTS**
[54] **PROCEDE POUR PRODUIRE DES ACIDES GRAS POLYINSATURES DANS DES PLANTES**
[72] CIRPUS, PETRA, DE
[72] KUIJPERS, ANNE-MARIE, DE
[72] LERCHL, JENS, SE
[72] RENZ, ANDREAS, DE
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[72] LINDER, KAREN, US
[72] WANG, NANNAN, US
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[54] **METHOD FOR THE PRODUCTION OF SULPHAMIC ACID HALOGENIDES**
[54] **PROCEDE POUR LA PRODUCTION D'HALOGENURES D'ACIDE SULFAMIQUE**
[72] REINHARD, ROBERT, DE
[72] PUHL, MICHAEL, DE
[72] HAMPRECHT, GERHARD, DE
[72] ZIERKE, THOMAS, DE
[72] SAGASSER, INGO, DE
[72] GOETZ, NORBERT, DE
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[54] **CURTAIN SUSPENSION DEVICE AND A METHOD OF SUSPENDING CURTAINS**
[54] **DISPOSITIF DE SUSPENSION DE RIDEAUX ET PROCEDE DE SUSPENSION DE RIDEAUX**
[72] SCHOERLING, STEFAN, SE
[71] HASTA IP HOLDING AB, SE
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[54] **SYNTHESIS OF PURIFIED, PARTIALLY ESTRIFIED POLYOL POLYESTER FATTY ACID COMPOSITIONS**
[54] **SYNTHÈSE DE COMPOSITIONS DE POLYESTERS D'ACIDE GRAS POLYOL PURIFIES, PARTIELLEMENT ESTERIFIES**
[72] SCHAEFER, JARED JOHN, US
[72] TROUT, JAMES EARL, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **ABUSE-RESISTANT OPIOID DOSAGE FORM**
[54] **FORME POSOLOGIQUE OPIOIDE EMPECHANT UNE UTILISATION ABUSIVE**
[72] ZENG, YADI, US
[72] HOWARD-SPARKS, MICHELLE, US
[72] GALER, BRADLEY, US
[72] KAO, HUAHUNG D., US
[71] ENDO PHARMACEUTICALS INC., US
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[54] **COMPOUNDS AND METHODS FOR INHIBITING SELECTIN-MEDIATED FUNCTION**
[54] **COMPOSES ET PROCEDES D'INHIBITION DES FONCTIONS INDUITES PAR LES SELECTINES**
[72] WILLIAMS, LEONARD M., US
[72] MAGNANI, JOHN L., US
[72] PATTON, JOHN T., US
[71] GLYCOMIMETICS, INC., US
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[25] EN
[54] **INJECTABLE SOLID HYALURONIC ACID CARRIERS FOR DELIVERY OF OSTEOGENIC PROTEINS**
[54] **VEHICULES INJECTABLES SOLIDES CONTENANT DE L'ACIDE HYALURONIQUE POUR L'ADMINISTRATION DE PROTEINES OSTEOGENES**
[72] LI, REBECCA H., US
[72] KIM, HYUN D., US
[71] WYETH, US
[71] FIDIA ADVANCED BIOPOLYMERS, S.R.L., IT
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[54] **TAGETES ERECTA MARIGOLDS WITH ALTERED CAROTENOID COMPOSITIONS AND RATIOS**
[54] **SOUCIS TAGETES ERECTA A COMPOSITIONS CAROTENOIDES ET TENEURS EN CAROTENOIDES MODIFIEES**
[72] WINNER, BLAIR L., US
[72] BLOWERS, ALAN, US
[72] HAUPTMANN, RANDAL, US
[71] BALL HORTICULTURAL COMPANY, US
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[25] EN
[54] **METHODS OF DETERMINING PRECISE HERG INTERACTIONS AND ALTERING COMPOUNDS BASED ON SAID INTERACTIONS**
[54] **METHODES PERMETTANT DE DETERMINER DES INTERACTIONS PRECISES DE HERG ET COMPOSES DE MODIFICATION BASES SUR LESDITES INTERACTIONS**
[72] LASCH, JONATHAN G., US
[72] LESTER, HENRY A., US
[72] DOUGHERTY, DENNIS A., US
[71] NEURION PHARMACEUTICALS, INC., US
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[51] Int.Cl. 7G01N 33/68 7C07K 14/705
[25] EN
[54] **METHOD FOR IDENTIFYING TYPE-I INTERFERON RESPONSIVE MS PATIENTS BY DETERMINING TRAIL EXPRESSION**
[54] **PROCEDE PERMETTANT D'IDENTIFIER DES PATIENTS ATTEINTS D'UNE SCLEROSE EN PLAQUES (SEP) QUI REAGISSENT A L'INTERFERON DE TYPE I, PAR DETERMINATION DE L'EXPRESSION DE TRAIL**
[72] LUNEMANN, JAN, DE
[72] WANDINGER, KLAUS-PETER, DE
[72] ZIPP, FRAUKE, DE
[71] CHARITE - UNIVERSITATSMEDIZIN BERLIN, DE
[85] 2004-11-16
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[25] EN
[54] **IDENTIFICATION OF A PHAGE ASSOCIATED LYTIC ENZYME TO RAPIDLY AND SPECIFICALLY DETECT AND KILL BACILLUS ANTHRACIS**
[54] **IDENTIFICATION D'UNE ENZYME LYTIQUE ASSOCIEE A UN PHAGE VISANT A DETECTER ET A ELIMINER RAPIDEMENT ET SPECIFIQUEMENT BACILLUS ANTHRACIS**
[72] FISCHETTI, VINCENT A., US
[72] NELSON, DANIEL, US
[72] SCHUCH, RAYMOND, US
[72] LOOMIS, LAWRENCE, US
[72] TRUDIL, DAVID, US
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[71] THE ROCKEFELLER UNIVERSITY, US
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[25] EN
[54] **VIRUS-LIKE PARTICLES,
METHODS OF PREPARATION, AND
IMMONOGENIC COMPOSITIONS**
[54] **PARTICULES PSEUDOVIRALES,
PROCEDE DE FABRICATION ET
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[72] COMPANS, RICHARD W., US
[72] YAO, QIZHI, US
[72] KANG, SANG-MOO, US
[72] YANG, CHINGLAI, US
[71] EMORY UNIVERSITY, US
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[30] US (60/381,557) 2002-05-17
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[51] **Int.Cl. 7C12P 19/34 7C07H 21/00**
7C12N 15/10 7C12Q 1/68
[25] EN
[54] **METHODS FOR
FRAGMENTATION, LABELING AND
IMMOBILIZATION OF NUCLEIC
ACIDS**
[54] **PROCEDES DE
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ET D'IMMOBILISATION D'ACIDES
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[72] DAFFORN, GEOFFREY A., US
[72] KURN, NURITH, US
[71] NUGEN TECHNOLOGIES, INC., US
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[51] **Int.Cl. 7C12Q 1/02 7G01N 35/00**
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[54] **DETERMINATION OF PROTEIN
FUNCTION**
[54] **DETERMINATION DE LA
FONCTION D'UNE PROTEINE**
[72] BAHNSON, ALFRED B., US
[72] HOUCK, RAMOND K., US
[72] SACHSENMEIER, KRIS F., US
[72] SABOL, DARRIN, US
[72] KOEBLER, DOUGLAS, US
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[51] **Int.Cl. 7G01N 33/543**
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[54] **AUTOMATED IMMUNOASSAY
CASSETTE, APPARATUS AND
MEHTOD**
[54] **CASSETTE DE DOSAGE
IMMUNOLOGIQUE AUTOMATISE,
APPAREIL ET PROCEDE ASSOCIES**
[72] HALEY, KIMBERLY, US
[72] WORTHY, THOMAS E., US
[72] BELLET, NEAL F., US
[72] COWLEY, LEANNE M., US
[72] NUGENT, ANTHONY J., US
[72] SHINDELMAN, JEFFREY, US
[72] LEOS, MICHAEL E., US
[71] CHOLESTECH CORPORATION, US
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REMOTE CHEMICAL
IDENTIFICATION**
[54] **SYSTEME DE TRAITEMENT
DESTINE A UNE IDENTIFICATION
CHIMIQUE A DISTANCE**
[72] BUTLER, MATTHEW, US
[72] PLUMMER, GRANT, US
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[51] **Int.Cl. 7A01H 5/10 7A23K 1/00**
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[54] **FATTY ACID DESATURASES
FROM FUNGI**
[54] **DESATURASES D'ACIDES GRAS
PROVENANT DES CHAMPIGNONS**
[72] VOELKER, TONI, US
[72] URSIN, VIRGINIA M., US
[72] FROMAN, BYRON, US
[71] MONSANTO TECHNOLOGY LLC,
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[51] **Int.Cl. 7C12Q 1/68 7A61K 48/00**
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[25] EN
[54] **MARKER MOLECULES
ASSOCIATED WITH LUNG TUMORS**
[54] **MOLECULES MARQUEURS LIEES
AUX TUMEURS DU POUMON**
[72] HIPFEL, RAINER, DE
[72] COY, JOHANNES, DE
[72] WASSER, BIRGIT, DE
[71] MTM LABORATORIES AG, DE
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[25] EN
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[54] **REGULATION DU TRANSPORT DES ACIDES GRAS DU PEROXYOSOME DE PLANTES**
[72] BAKER, ALISON, GB
[72] GRAHAM, IAN, GB
[72] SLOCOMBE, STEPHEN, GB
[71] UNIVERSITY OF LEEDS, GB
[85] 2004-11-18
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[30] GB (0117727.8) 2001-07-20
[30] GB (0207883.0) 2002-04-05

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[13] A1

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[54] **CARD-4 MOLECULES AND USES THEREOF**
[54] **MOLECULES CARD-4 ET UTILISATIONS CORRESPONDANTES**
[72] PHILPOTT, DANA, FR
[72] BERTIN, JOHN, US
[72] SANSONETTI, PHILIPPE, FR
[72] GIRARDIN, STEPHEN, FR
[71] INSTITUT PASTEUR, FR
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[54] **METHODS AND MATERIALS FOR TREATING INFLAMMATORY CONDITIONS**
[54] **METHODES ET PRODUITS PERMETTANT DE TRAITER DES ETATS INFLAMMATOIRES**
[72] SCARISBRICK, ISOBEL A., US
[72] BLABER, MICHAEL, US
[72] BLABER, SACHIKO I., US
[71] FLORIDA STATE UNIVERSITY, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[30] US (60/382,471) 2002-05-21

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[13] A1

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[54] **METHOD FOR IDENTIFYING IMMUNOREACTIVE PEPTIDES**
[54] **PROCEDE POUR IDENTIFIER DES PEPTIDES IMMUNOREACTIFS**
[72] WEINSCHENK, TONI, DE
[72] RAMMENSEE, HANS GEORG, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[87] 2003-12-04 (WO2003/100432)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INFERRING A RESPONSE TO A STATIN**
[54] **COMPOSITIONS ET METHODES DE DEDUCTION D'UNE REPONSE A UNE STATINE**
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[71] DNAPRINT GENOMICS, INC., US
[85] 2004-11-19
[86] 2002-07-01 (PCT/US2002/020847)
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[30] US (60/322,478) 2001-09-13

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[54] **PULSE GASIFICATION AND HOT GAS CLEANUP APPARATUS AND PROCESS**
[54] **APPAREIL ET PROCEDE DE GAZEIFICATION PULSATOIRE ET D'EPURATION DE GAZ CHAUDS**
[72] MANSOUR, MOMTAZ N., US
[72] CHANDRAN, RAVI, US
[71] MANUFACTURING AND TECHNOLOGY CONVERSION INTERNATIONAL, INC., US
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[25] EN
[54] **SPORT BALL WITH SELF-CONTAINED DUAL ACTION INFLATION MECHANISM**
[54] **BALLON DE SPORT POURVU D'UN MECANISME DE GONFLEMENT DOUBLE ACTION AUTONOME**
[72] CLOUTIER, MARK A., US
[72] KENNEDY, THOMAS J., III, US
[71] SGG PATENTS LLC, US
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[51] **Int.Cl. 7A61K 38/17 7A61P 9/00**
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7C12Q 1/68 7A61K 31/7088
[25] EN
[54] **USE OF T-CELL IMMUNE RESPONSE CDNA 7 (TIRC7) FOR MODULATION OF ANGIOGENESIS AND/OR NEOVASCULARIZATION**
[54] **UTILISATION DE L'ADNC 7 A REPONSE IMMUNITAIRE DES LYMPHOCYTES T (TIRC7) DANS UNE THERAPIE ANGIOGENIQUE ET ANTI-ANGIOGENIQUE**
[72] WARNKE, PETER CHRISTIAN, GB
[72] UTKU, NALAN, DE
[71] UTKU, NALAN, DE
[85] 2004-11-22
[86] 2002-11-27 (PCT/EP2002/013384)
[87] 2003-06-05 (WO2003/045420)
[30] EP (01 128 146.6) 2001-11-27

[21] **2,486,926**
[13] A1

[51] **Int.Cl. 7A61K 7/043**
[25] EN
[54] **NAIL COMPOSITION AND THE USE THEREOF**
[54] **COMPOSITION POUR LES ONGLES ET UTILISATION ASSOCIEE**
[72] HORNBY, SIDNEY, US
[72] APPA, YOHINI, US
[72] BEALER, LEWIS, US
[72] COLLINS, CAROL, US
[71] NEUTROGENA CORPORATION, US
[85] 2004-11-22
[86] 2004-03-26 (PCT/US2004/009502)
[87] 2004-10-14 (WO2004/087080)
[30] US (10/401,470) 2003-03-28
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[21] **2,486,929**
[13] A1

[51] **Int.Cl. 7F03D 11/04**
[25] EN
[54] **A DEVICE FOR A WIND POWER STATION PLACED IN DEEP WATER**
[54] **EOLIENNE PLACEE EN EAUX PROFONDES**
[72] BORGES, EYSTEIN, NO
[71] SWAY AS, NO
[85] 2004-11-22
[86] 2003-05-16 (PCT/NO2003/000161)
[87] 2003-11-27 (WO2003/098038)
[30] NO (20022426) 2002-05-22

[21] **2,486,931**
[13] A1

[51] **Int.Cl. 7H01M 4/86 7H01M 8/12**
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[25] EN
[54] **SOLID OXIDE TYPE FUEL CELL-USE ELECTRODE SUPPORT SUBSTRATE AND PRODUCTION METHOD THEREFOR**
[54] **SUBSTRAT SUPPORT D'ELECTRODE UTILISE COMME PILE A COMBUSTIBLE DE TYPE OXYDE SOLIDE ET SON PROCEDE DE PRODUCTION**
[72] NAGASHIMA, TERUHISA, JP
[72] HATA, KAZUO, JP
[72] SHIMOMURA, MASATOSHI, JP
[71] NIPPON SHOKUBAI CO., LTD., JP
[85] 2004-11-22
[86] 2003-05-21 (PCT/JP2003/006318)
[87] 2003-11-27 (WO2003/098724)
[30] JP (2002-147601) 2002-05-22
[30] JP (2002-147602) 2002-05-22

[21] **2,486,933**
[13] A1

[51] **Int.Cl. 7C07D 405/10 7A61P 43/00**
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[25] EN
[54] **TETRAHYDROPYRAN DERIVATIVE**
[54] **DERIVE TETRAHYDROPYRANE**
[72] SUGA, AKIRA, JP
[72] MIURA, MASANORI, JP
[72] KUBOTA, HIDEKI, JP
[72] MORITANI, HIROSHI, JP
[72] SASUGA, DAISUKE, JP
[71] YAMANOUCI PHARMACEUTICAL CO., LTD., JP
[85] 2004-11-22
[86] 2003-05-29 (PCT/JP2003/006758)
[87] 2003-12-11 (WO2003/101983)
[30] JP (2002-158555) 2002-05-31

[21] **2,486,935**
[13] A1

[51] **Int.Cl. 7A61M 5/20 7A61M 5/28**
[25] EN
[54] **APPARATUS FOR RAPID AUTO-INJECTION OF MEDICATION**
[54] **APPAREIL ET PROCEDE D'INJECTION AUTOMATIQUE RAPIDE D'UN MEDICAMENT**
[72] RUBIN, KEITH H., US
[72] SELLERS, JAMES M., US
[72] TAYLOR, HAYDN B., US
[71] SEEDLINGS LIFE SCIENCE VENTURES, LLC., US
[85] 2004-11-22
[86] 2003-05-09 (PCT/US2003/014639)
[87] 2003-12-04 (WO2003/099358)
[30] US (10/154,202) 2002-05-23

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[21] **2,486,937**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04N 7/167 7H04N 7/24**
[25] EN
[54] **SIGNING AND AUTHENTICATION DEVICES AND PROCESSES AND CORRESPONDING PRODUCTS, NOTABLY FOR DVB/MPEG MHP DIGITAL STREAMS**
[54] **DISPOSITIFS ET PROCEDES DE SIGNATURE ET D'AUTHENTIFICATION ET PRODUITS CORRESPONDANTS, NOTAMMENT POUR TRAINS NUMERIQUES DVB/MPEG DE NORME MHP**
[72] DURAND, ALAIN, FR
[72] SCHAEFER, RALF, FR
[72] LESENNE, LAURENT, FR
[72] PASQUIER, FREDERIC, FR
[71] THOMSON LICENSING S.A., FR
[85] 2004-11-22
[86] 2002-11-08 (PCT/EP2002/014897)
[87] 2003-11-27 (WO2003/098895)
[30] EP (PCT/EP02/05610) 2002-05-22

[21] **2,486,938**
[13] A1

[51] **Int.Cl. 7B05B 17/06**
[25] EN
[54] **LOW LEAKAGE PIEZOELECTRIC ATOMIZATION DEVICE**
[54] **DISPOSITIF D'ATOMISATION DE LIQUIDE AVEC PEU DE COULURE**
[72] MARTENS, EDWARD J., III, US
[72] HELF, THOMAS A., US
[72] SCHRAM, DAVID J., US
[72] JAWORSKI, THOMAS, US
[72] DOERR, STEPHEN M., US
[72] TOMKINS, DAVID A., US
[72] BOTICKI, JOHN A., US
[72] LARSON, PAUL J., US
[72] BOURNOVILLE, JAMES L., US
[71] S. C. JOHNSON & SON, INC., US
[85] 2004-11-22
[86] 2003-05-21 (PCT/US2003/015915)
[87] 2003-12-04 (WO2003/099458)
[30] US (10/154,509) 2002-05-24

[21] **2,486,939**
[13] A1

[51] **Int.Cl. 7B05C 17/035 7B05C 17/00 7B05C 17/03**
[25] EN
[54] **PAINT FEEDER AND PAINTING DEVICE**
[54] **SYSTEME D'ALIMENTATION EN PEINTURE ET DISPOSITIF DE PEINTURE**
[72] MASSIMI, GIACOMO, IT
[71] MASSIMI, GIACOMO, IT
[85] 2004-11-22
[86] 2002-12-09 (PCT/EP2002/013956)
[87] 2003-12-04 (WO2003/099462)
[30] IT (MI2002A001140) 2002-05-27

[21] **2,486,940**
[13] A1

[51] **Int.Cl. 7C08K 5/20 7C08L 23/10**
[25] EN
[54] **BETA CRYSTALLINE POLYPROPYLENES**
[54] **POLYPROPYLENES \$G(B)\$-CRISTALLINS**
[72] HOFFMANN, KURT, DE
[72] MAEDER, DIETMAR, DE
[72] SCHMIDT, HANS-WERNER, DE
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2004-11-22
[86] 2003-05-22 (PCT/EP2003/005374)
[87] 2003-12-11 (WO2003/102069)
[30] EP (02405428.0) 2002-05-30

[21] **2,486,943**
[13] A1

[51] **Int.Cl. 7B21D 26/14 7B21D 53/08 7F28F 9/22**
[25] EN
[54] **SYSTEM AND METHOD FOR JOINING TUBES TO SHEETS IN A TUBULAR HEAT TRANSFER SYSTEM**
[54] **SYSTEME ET PROCEDE D'ASSEMBLAGE DE TUBES ET DE PLAQUES DANS UN SYSTEME DE TRANSFERT DE CHALEUR TUBULAIRE**
[72] NEWMAN, DUANE C., US
[72] BARBER, JOHN P., US
[72] COLUMBUS, ROBERT M., US
[72] KOUSE, BRUCE D., US
[71] IAP RESEARCH, INC., US
[71] ELLIOTT TOOL TECHNOLOGIES LTD., US
[85] 2004-11-22
[86] 2003-03-17 (PCT/US2003/008037)
[87] 2003-12-04 (WO2003/099486)
[30] US (10/154,700) 2002-05-24

[21] **2,486,945**
[13] A1

[51] **Int.Cl. 7C01B 39/48 7C01B 37/02 7B01J 29/04 7C10G 11/05 7C07C 15/085 7C07C 5/13 7C07C 2/54**
[25] EN
[54] **MICROPOROUS CRYSTALLINE ZEOLITE MATERIAL (ZEOLITE ITQ-22), SYNTHESIS METHOD THEREOF AND USE OF SAME AS A CATALYST**
[54] **MATIERE CRISTALLINE MICROPOREUSE DE NATURE ZEOLITIQUE (ZEOLITE ITQ-22) SON PROCEDE DE SYNTHESE ET SON UTILISATION EN TANT QUE CATALYSEUR**
[72] REY GARCIA, FERNANDO, ES
[72] VALENCIA VALENCIA, SUSANA, ES
[72] CORMA CANOS, AVELINO, ES
[72] MARTINEZ TRIGUERO, LUIS JOAQUIN, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[71] UNIVERSIDAD POLITECNICA DE VALENCIA, ES
[85] 2004-11-22
[86] 2003-05-23 (PCT/ES2003/000246)
[87] 2003-12-04 (WO2003/099719)
[30] ES (P200201249) 2002-05-23
[30] ES (P200300444) 2003-02-14
[30] ES (P200301058) 2003-04-30

[21] **2,486,946**
[13] A1

[51] **Int.Cl. 7F16F 9/34 7F16F 9/54**
[25] EN
[54] **HYDRAULIC DAMPERS WITH PRESSURE REGULATED CONTROL VALVE AND REMOTE PRESSURE ADJUSTMENT**
[54] **AMORTISSEURS HYDRAULIQUES AVEC SOUPEPE DE COMMANDE REGULEE PAR LA PRESSION ET AJUSTEMENT A DISTANCE DE LA PRESSION**
[72] TURNER, ROY A., US
[71] PROGRESSIVE SUSPENSION, INC., US
[85] 2004-11-22
[86] 2003-05-29 (PCT/US2003/016976)
[87] 2003-12-11 (WO2003/102425)
[30] US (60/384,369) 2002-05-29

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[21] **2,486,948**
[13] A1
[51] **Int.Cl. 7C02F 1/40 7E03F 5/16**
[25] EN
[54] **OIL FROM WATER SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION D'HUILE DE L'EAU**
[72] STONE, PHINEAS BALANTYNE, AU
[72] TOLMIE, DAVID BLEASDALE, AU
[71] UNISEARCH LIMITED, AU
[85] 2004-11-22
[86] 2003-05-23 (PCT/AU2003/000627)
[87] 2003-12-04 (WO2003/099723)
[30] AU (PS 2531) 2002-05-23

[21] **2,486,957**
[13] A1
[51] **Int.Cl. 7A61L 15/34 7A61K 7/48 7A61K 7/50 7A61L 15/50**
[25] EN
[54] **ABSORBENT ARTICLE CONTAINING A SKINCARE COMPOSITION**
[54] **ARTICLE ABSORBANT CONTENANT UNE COMPOSITION D'HYGIENE DERMATOLOGIQUE**
[72] MATHIS, RAYMOND, DE
[72] HJORTH, MADELEINE, SE
[72] NEUSS, MICHAEL, DE
[72] FARBROT, ANNE, SE
[72] RUNEMAN, BO, SE
[72] WILD, CHRISTINE, DE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2004-11-22
[86] 2003-05-26 (PCT/EP2003/005494)
[87] 2003-12-24 (WO2003/105916)
[30] EP (02012983.9) 2002-06-12

[21] **2,486,958**
[13] A1
[51] **Int.Cl. 7C07D 211/94 7C08F 2/00 7C07D 241/08 7C07F 9/38**
[25] EN
[54] **CATIONIC ALKOXYAMINES AND THEIR USE IN PRODUCING NANO PARTICLES FROM NATURAL OR SYNTHETIC CLAYS**
[54] **ALKOXYAMINES CATIONIQUES ET UTILISATION DANS LA PRODUCTION DE NANOPARTICULES A PARTIR D'ARGILES NATURELLES OU SYNTHETIQUES**
[72] KRAMER, ANDREAS, CH
[72] NESVADBA, PETER, CH
[72] MUEHLEBACH, ANDREAS, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2004-11-22
[86] 2003-06-17 (PCT/EP2003/006370)
[87] 2003-12-31 (WO2004/000809)
[30] EP (02405520.4) 2002-06-24

[21] **2,486,960**
[13] A1
[51] **Int.Cl. 7C07C 51/12 7C07C 53/08 7B01J 23/46**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ACETIC ACID**
[54] **PROCESSUS DE PRODUCTION D'ACIDE ACETIQUE**
[72] LAW, DAVID JOHN, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2004-11-22
[86] 2003-05-29 (PCT/GB2003/002352)
[87] 2003-12-18 (WO2003/104179)
[30] GB (0212974.0) 2002-06-06

[21] **2,486,962**
[13] A1
[51] **Int.Cl. 7C07D 209/44 7C07D 217/02 7C07D 223/16 7A61P 25/36 7A61K 31/4035 7A61K 31/4704 7A61K 31/55**
[25] EN
[54] **AROMATIC SULFONES AND THEIR MEDICAL USE**
[54] **COMPOSES**
[72] GRIBBLE, ANDREW DERRICK, GB
[72] PAYNE, ANDREW H, GB
[72] WALKER, GRAHAM, GB
[72] LIGHTFOOT, ANDREW, GB
[72] FORBES, IAN THOMSON, GB
[72] GARZYA, VINCENZO, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2004-11-22
[86] 2003-05-28 (PCT/EP2003/005727)
[87] 2003-12-04 (WO2003/099786)
[30] GB (0212401.4) 2002-05-29
[30] GB (0230053.1) 2002-12-23

[21] **2,486,964**
[13] A1
[51] **Int.Cl. 7C08F 30/02 7C12Q 1/00 7C08F 22/02 7C07F 9/06 7C12Q 1/44 7G01N 33/53 7G01N 21/76**
[25] EN
[54] **POLYMERIC AMMONIUM AND OR PHOSPHONIUM SALTS HAVING ADDED .PI.-ELECTRONS AND HIGHER MOLECULAR WEIGHT AS ENHANCERS FOR CHEMILUMINESCENT SYSTEMS**
[54] **SELS D'AMMONIUM ET/OU DE PHOSPHONIUM POLYMERIQUES AYANT DES ELECTRONS .PI. ADDITIONNES ET DE POIDS MOLECULAIRES PLUS ELEVES EN TANT QU'ACTIVATEURS DE SYSTEMES CHIMILUMINESCENTS**
[72] GIRI, BRIJ P., US
[71] GIRI, BRIJ P., US
[85] 2004-11-22
[86] 2003-05-23 (PCT/US2003/016584)
[87] 2003-12-04 (WO2003/099802)
[30] US (60/382,814) 2002-05-23

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[13] A1
[51] **Int.Cl. 7C07D 471/04 7C07D 475/04 7C07D 487/04 7A61P 3/10 7A61K 31/517 7A61K 31/519**
[25] EN
[54] **SUBSTITUTED QUINAZOLINONE COMPOUNDS**
[54] **COMPOSES DE QUINAZOLINONE SUBSTITUES**
[72] BOYCE, RUSTUM S., US
[72] SMITH, AARON, US
[72] AURRECOECHEA, NATALIA, US
[72] CHU, DANIEL, US
[72] CHANG, BRYAN, US
[71] CHIRON CORPORATION, US
[85] 2004-11-22
[86] 2003-05-23 (PCT/US2003/016442)
[87] 2003-12-04 (WO2003/099818)
[30] US (60/382,762) 2002-05-23
[30] US (60/441,019) 2003-01-17

[21] **2,486,967**
[13] A1
[51] **Int.Cl. 7C07F 9/10 7A61K 9/127**
[25] EN
[54] **CARDIOLIPIN COMPOSITIONS, METHODS OF PREPARATION AND USE**
[54] **COMPOSITIONS DE CARDIOLIPINE, LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] AHMAD, MOGHIS U., US
[72] LIN, ZHEN, US
[72] ALI, SHOUKATH M., US
[72] AHMAD, IMRAN, US
[71] NEOPHARM, INC., US
[85] 2004-11-22
[86] 2003-05-23 (PCT/US2003/016412)
[87] 2003-12-04 (WO2003/099830)
[30] US (60/383,340) 2002-05-24
[30] US (60/419,277) 2002-10-16
[30] US (60/429,285) 2002-11-26
[30] US (60/438,659) 2003-01-07
[30] US (PCT/US03/13917) 2003-05-04

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[13] A1
[51] **Int.Cl. 7G11B 7/007 7G11B 27/00 7G11B 27/02 7G11B 7/085 7G11B 7/09 7G11B 19/12 7G11B 20/12 7G11B 7/125 7G11B 7/24**
[25] EN
[54] **DISC-SHAPED RECORDING MEDIUM, DISC DRIVING DEVICE AND DISC PRODUCING METHOD**
[54] **SUPPORT D'ENREGISTREMENT EN FORME DE DISQUE, LECTEUR DE DISQUES ET PROCEDE DE PRODUCTION DE DISQUES**
[72] ISHIDA, TAKASHI, JP
[72] YAMAGAMI, TAMOTSU, JP
[72] KADOWAKI, SHIN-ICHI, JP
[72] KOBAYASHI, SHOEI, JP
[72] SCHEP, CORNELIS MARINUS, NL
[72] BORG, HERMANUS JOHANNES, NL
[71] SONY CORPORATION, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2004-11-22
[86] 2003-05-22 (PCT/JP2003/006423)
[87] 2003-12-04 (WO2003/100702)
[30] JP (2002-151185) 2002-05-24

[21] **2,486,970**
[13] A1
[51] **Int.Cl. 7H02J 17/00 7A61N 1/378**
[25] EN
[54] **CONTACTLESS CHARGING SYSTEM FOR ARTIFICIAL ORGAN A STORAGE DEVICE AND A FEEDING DEVICE FOR USE WITH THIS SYSTEM**
[54] **SYSTEME DE CHARGE DE TYPE NON INTRUSIF POUR ORGANE ARTIFICIEL, CONDENSATEUR ET DISPOSITIF D'ALIMENTATION ELECTRIQUE UTILISE DANS LEDIT SYSTEME**
[72] TAKEDA, HARUMI, JP
[72] HIRAKAWA, TAKAHIRO, JP
[71] LIMITED COMPANY TM, JP
[85] 2004-11-22
[86] 2003-05-22 (PCT/JP2003/006430)
[87] 2003-12-04 (WO2003/100942)
[30] JP (2002-148908) 2002-05-23

[21] **2,486,971**
[13] A1
[51] **Int.Cl. 7A47L 15/44 7C11D 17/04**
[25] EN
[54] **DETERGENT SYSTEM**
[54] **SYSTEME DETERGENT**
[72] SMITH, DAVID JOHN, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-11-22
[86] 2003-05-23 (PCT/US2003/016432)
[87] 2003-12-04 (WO2003/099977)
[30] EP (02253686.6) 2002-05-24

[21] **2,486,972**
[13] A1
[51] **Int.Cl. 7G05B 19/418 7G05B 23/02 7E21B 21/08**
[25] EN
[54] **MULTI-VARIABLE OPERATIONS**
[54] **OPERATIONS A VARIABLES MULTIPLES**
[72] THORPE, RICHARD JOHN, GB
[72] WILSON, JOHN GAVIN, GB
[72] BROOKS, ROBIN WILLIAM, GB
[71] CURVACEOUS SOFTWARE LIMITED, GB
[85] 2004-11-22
[86] 2003-05-22 (PCT/GB2003/002216)
[87] 2003-12-04 (WO2003/100537)
[30] GB (0211836.2) 2002-05-23

[21] **2,486,973**
[13] A1
[51] **Int.Cl. 7H04L 12/46 7H04L 12/56 7H04L 12/66**
[25] EN
[54] **INFORMATION PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'INFORMATION**
[72] IKEDA, TAKUMI, JP
[72] IWAMOTO, KOJI, JP
[72] HIROSE, KOJI, JP
[72] MAEKAWA, HAJIME, JP
[72] TAKECHI, HIDEAKI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2004-11-22
[86] 2003-05-22 (PCT/JP2003/006387)
[87] 2003-12-04 (WO2003/101048)
[30] JP (2002/148705) 2002-05-23

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[21] **2,486,975**
[13] A1

[51] **Int.Cl. 7D02G 3/48**
[25] EN
[54] **RUBBER REINFORCING CORD AND RUBBER PRODUCT CONTAINING THE CORD**
[54] **CORDE DE RENFORCEMENT POUR CAOUTCHOUC ET PRODUIT EN CAOUTCHOUC CONTENANT CETTE CORDE**
[72] KAJIHARA, KEISUKE, JP
[72] AKIYAMA, MITSUHARU, JP
[71] NIPPON SHEET GLASS COMPANY, LIMITED, JP
[85] 2004-11-22
[86] 2003-06-06 (PCT/JP2003/007179)
[87] 2003-12-18 (WO2003/104536)
[30] JP (2002-168521) 2002-06-10

[21] **2,487,004**
[13] A1

[51] **Int.Cl. 7C08G 65/00**
[25] EN
[54] **FLUORO-CHEMICAL COMPOSITION COMPRISING A FLUORINATED POLYETHER AND TREATMENT OF A FIBROUS SUBSTRATE THEREWITH**
[54] **COMPOSITION FLUOREE RENFERMANT UN POLYMERE FLUORE ET PROCEDE DE TRAITEMENT D'UN SUBSTRAT FIBREUX FAISANT INTERVENIR CETTE COMPOSITION**
[72] DAMS, RUDOLF J., US
[72] AUDENAERT, FRANS A., US
[72] VITCAK, DANIEL R., US
[72] BUCKANIN, RICHARD S., US
[72] FLYNN, RICHARD M., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-11-23
[86] 2003-05-23 (PCT/US2003/016342)
[87] 2003-12-04 (WO2003/099904)
[30] US (60/383,349) 2002-05-24

[21] **2,487,005**
[13] A1

[51] **Int.Cl. 7C09D 11/10 7C09D 11/00**
[25] EN
[54] **JETTABLE COMPOSITIONS**
[54] **COMPOSITIONS SE PRETANT A LA FORMATION DE JETS**
[72] PATEL, RANJANA CHHAGANHBI, GB
[72] ZHAO, YONG, GB
[72] PEACE, RICHARD JOHN, GB
[71] HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH, CH
[85] 2004-11-23
[86] 2003-05-23 (PCT/GB2003/002273)
[87] 2003-12-04 (WO2003/099947)
[30] GB (0212062.4) 2002-05-24

[21] **2,487,006**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **PREDICTING THE SIGNIFICANCE OF SINGLE NUCLEOTIDE POLYMORPHISMS (SNPS) USING ENSEMBLE-BASED STRUCTURAL ENERGETICS**
[54] **PREVISION DE SIGNIFICATION DE POLYMORPHISMES NUCLEOTIDIQUES SIMPLES (SNP) PAR UTILISATION DE L'ENERGETIQUE STRUCTURELLE A BASE D'ENSEMBLE**
[72] FOX, ROBERT O., US
[72] HILSER, VINCE, US
[71] BOARD OF REGENTS, UNIVERSITY OF TEXAS SYSTEM, US
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[87] 2003-12-04 (WO2003/100002)
[30] US (60/382,784) 2002-05-23

[21] **2,487,012**
[13] A1

[51] **Int.Cl. 7E21B 43/10 7E21B 34/06 7E21B 21/10 7E21B 34/10 7E21B 34/14**
[25] EN
[54] **METHOD AND APPARATUS TO REDUCE DOWNHOLE SURGE PRESSURE USING HYDROSTATIC VALVE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LES AUGMENTATIONS SUBITES DE LA PRESSION DE FOND AU MOYEN D'UNE SOUPE HYDROSTATIQUE**
[72] GIROUX, RICHARD, US
[72] HAUGEN, DAVID M., US
[72] HOSIE, DAVID, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2004-11-23
[86] 2003-05-29 (PCT/US2003/016800)
[87] 2003-12-11 (WO2003/102367)

[21] **2,487,014**
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[51] **Int.Cl. 7A23K 1/16 7A61K 48/00 7A23K 1/165 7A61K 38/19 7A61K 38/20**
[25] EN
[54] **A METHOD OF IMPROVING THE GROWTH PERFORMANCE OF AN ANIMAL**
[54] **PROCEDE D'AMELIORATION DES PERFORMANCES DE CROISSANCE D'UN ANIMAL**
[72] KNOWLES, ALETA GAI, AU
[72] HUSBAND, ALAN, AU
[72] STROM, ALAN DAVID GREVE, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[85] 2004-11-23
[86] 2002-05-24 (PCT/AU2002/000659)
[87] 2002-12-05 (WO2002/096216)
[30] AU (PR 5278) 2001-05-25

[21] **2,487,019**
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[51] **Int.Cl. 7B01F 9/02**
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[54] **A SCREEN/MIXER**
[54] **CRIBLE/MALAXEUR**
[72] TURNBULL, SAM DOMINIC SEATON, AU
[71] TURNBULL, SAM DOMINIC SEATON, AU
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[86] 2003-05-30 (PCT/AU2003/000669)
[87] 2003-12-11 (WO2003/101597)
[30] AU (PS2708) 2002-05-31

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[13] A1

[51] **Int.Cl. 7A61B 18/18**
[25] EN
[54] **RADIO FREQUENCY GUIDE WIRE ASSEMBLY WITH OPTICAL COHERENCE REFLECTOMETRY GUIDANCE**
[54] **ENSEMBLE FIL DE GUIDAGE RADIOFREQUENCE AVEC GUIDAGE PAR REFLECTOMETRIE EN COHERENCE OPTIQUE**
[72] WINSTON, THOMAS R., US
[72] NEET, JOHN M., US
[71] INTRALUMINAL THERAPEUTICS, INC., US
[85] 2004-11-23
[86] 2003-04-23 (PCT/US2003/012483)
[87] 2003-12-18 (WO2003/103520)
[30] US (10/166,900) 2002-06-11

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[51] **Int.Cl. 7A23L 1/03 7A23K 1/00 7A61P 43/00 7A61P 37/06 7A61P 37/08 7A61K 35/74**
[25] EN
[54] **PROBIOTICS AND ORAL TOLERANCE**
[54] **PROBIOTIQUES ET TOLERANCE ORALE**
[72] PECQUET, SOPHIE, CH
[72] PRIOULT, GUENOLEE, CA
[71] NESTEC S.A., CH
[85] 2004-11-23
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[25] EN
[54] **COMFORT PILLOW**
[54] **OREILLER DU TYPE CONFORT**
[72] WASSILEFKY, GERDA, DK
[71] TEMPUR WORLD, INC., US
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[87] 2003-12-04 (WO2003/099079)
[30] US (60/383,169) 2002-05-24

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[51] **Int.Cl. 7B31F 1/07**
[25] EN
[54] **EMBOSSING METHOD**
[54] **PROCEDE DE GAUFRAGE**
[72] MCNEIL, KEVIN B., US
[72] VAUGHN, JEFFREY MOSS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-11-23
[86] 2003-06-06 (PCT/US2003/018041)
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[30] US (10/165,475) 2002-06-07

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[13] A1

[51] **Int.Cl. 7A61K 38/21 7A61P 29/00 7A61P 35/00 7A61P 31/12 7A61K 31/714**
[25] EN
[54] **COMBINATION THERAPIES USING VITAMIN B12 AND THERAPEUTIC AGENTS FOR TREATMENT OF VIRAL, PROLIFERATIVE AND INFLAMMATORY DISEASES**
[54] **POLYTHERAPIES A BASE DE VITAMINE B12 ET D'AGENTS THERAPEUTIQUES DESTINEES AU TRAITEMENT DES AFFECTIONS VIRALES, PROLIFERANTES ET INFLAMMATOIRES**
[72] PASTRAK, ALEKSANDRA, CA
[72] CRUZ, TONY, CA
[71] TRANSITION THERAPEUTICS INC., CA
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[30] US (60/327,700) 2001-10-05
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[30] US (60/366,539) 2002-03-25

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[25] EN
[54] **NEUREGULIN BASED METHODS AND COMPOSITIONS FOR TREATING CARDIOVASCULAR DISEASES**
[54] **PROCEDES ET COMPOSITIONS A BASE DE NEUREGULINE POUR TRAITER LES MALADIES CARDIOVASCULAIRES**
[72] ZHOU, MINGDONG, CN
[71] ZENSUN (SHANGHAI) SCI-TECH, LTD., CN
[85] 2004-11-24
[86] 2003-05-15 (PCT/CN2003/000355)
[87] 2003-12-04 (WO2003/099300)
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[25] EN
[54] **TUMOUR-ASSOCIATED PEPTIDES THAT BOND TO MHC MOLECULES**
[54] **PEPTIDES ASSOCIES AUX TUMEURS ET SE LIANT A UNE MOLECULE DU COMPLEXE MAJEUR D'HISTOCOMPATIBILITE**
[72] RAMMENSEE, HANS GEORG, DE
[72] WEINSCHENK, TONI, DE
[72] STEVANOVIC, STEFAN, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[25] EN
[54] **NOVEL USES OF CEPHAIBOLS**
[54] **NOUVELLES UTILISATIONS DE CEPHAIBOLS**
[72] GRAEFE, UDO, DE
[72] HAERTL, ALBERT, DE
[72] SCHLEGEL, BRIGITTE, DE
[72] SCHIELL, MATTHIAS, DE
[72] WINK, JOACHIM, DE
[72] VERTESY, LASZLO, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
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[30] DE (102 22 792.6) 2002-05-23

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[13] A1
[51] **Int.Cl. 7D21J 3/00 7D01F 2/00 7B31D 5/02 7D01F 2/02 7C08B 15/06 7C08L 1/08 7C08J 5/18 7D01F 2/24**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF CELLULOSE CARBAMATE MOULDED BODIES**
[54] **PROCEDE DE FABRICATION DE CORPS MOULES A BASE DE CARBAMATE DE CELLULOSE**
[72] LOTH, FRITZ, DE
[72] SCHAAF, ECKEHART, DE
[72] WEIGEL, PETER, DE
[72] FINK, HANS-PETER, DE
[72] GENSRIICH, H., JUERGEN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2004-11-23
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[30] DE (102 23 174.5) 2002-05-24

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[13] A1
[51] **Int.Cl. 7F16H 61/00**
[25] EN
[54] **GEARBOX HOUSING AND GEARBOX MODULE**
[54] **CARTER DE BOITE DE TRANSMISSION ET MODULE DE TRANSMISSION**
[72] EUBLER, HANS-PETER, DE
[72] NITSCHKE, MARTIN, DE
[72] KOERNER, TILLMANN, DE
[71] VOITH TURBO GMBH & CO. KG, DE
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[86] 2003-05-23 (PCT/EP2003/005419)
[87] 2003-12-04 (WO2003/100297)
[30] DE (102 23 433.7) 2002-05-25

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[13] A1
[51] **Int.Cl. 7A01M 1/20 7A61L 9/03**
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[54] **LOCALIZED SURFACE VOLATILIZATION DEVICE**
[54] **VAPORISATION DE SURFACE LOCALISEE**
[72] OAKESON, RALPH W., US
[72] LEONARD, STEPHEN B., US
[72] HEALY, BRIAN E., US
[72] HARWIG, JEFFREY L., US
[72] MEIER, MAUDE C., US
[72] KIMBALL, JAMES F., US
[71] S. C. JOHNSON & SON, INC., US
[85] 2004-11-30
[86] 2003-06-05 (PCT/US2003/017767)
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[13] A1
[51] **Int.Cl. 7A61K 31/567 7A61K 31/138 7A61K 31/4535 7A61K 31/565**
[25] EN
[54] **TREATMENT OF POST-MENOPAUSAL COMPLAINTS IN BREAST CANCER PATIENTS COMPRISING TIBOLONE AND A SERM**
[54] **TRAITEMENT DES SYMPTOMES POST-MENOPAUSIQUES CHEZ DES PATIENTES ATTEINTES DU CANCER DU SEIN, CE TRAITEMENT COMPRENANT LA TIBOLONE ET UN OESTROGENE DE CONFECTION**
[72] ADANG, ANTON EGBERT PETER, NL
[72] KLOOSTERBOER, HELENIUS JAN, NL
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2004-11-23
[86] 2003-05-20 (PCT/EP2003/050178)
[87] 2003-12-04 (WO2003/099292)
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[13] A1
[51] **Int.Cl. 7A61K 38/00 7A61K 45/00 7C07K 7/00 7A61K 38/16**
[25] EN
[54] **NOVEL EXENDIN AGONIST FORMULATIONS AND METHODS OF ADMINISTRATION THEREOF**
[54] **NOUVELLES FORMULATIONS D'AGONISTES DE L'EXENDINE ET PROCEDES D'ADMINISTRATION ASSOCIES**
[72] YOUNG, ANDREW A., US
[72] KOLTERMAN, ORVILLE G., US
[71] AMYLIN PHARMACEUTICALS, INC., US
[85] 2004-11-25
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[87] 2003-12-04 (WO2003/099314)
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[13] A1

[51] **Int.Cl. 7A61K 31/565**
[25] EN
[54] **PROGESTAGENIC DOSAGE UNITS**
[54] **UNITES POSOLOGIQUES PROGESTAGENES**
[72] DE HAAN, PIETER, NL
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2004-11-23
[86] 2003-05-22 (PCT/EP2003/050189)
[87] 2003-12-04 (WO2003/099291)
[30] EP (02077097.0) 2002-05-29

[21] **2,487,284**
[13] A1

[51] **Int.Cl. 7A61N 7/00 7A61B 17/22 7A61N 1/32**
[25] EN
[54] **ABLATION DEVICE**
[54] **INSTRUMENT POUR ABLATION**
[72] MCHALE, ANTHONY PATRICK, GB
[72] RUSSELL, LESLIE, GB
[71] GENDEL LIMITED, GB
[85] 2004-11-23
[86] 2003-05-21 (PCT/GB2003/002201)
[87] 2003-12-04 (WO2003/099382)
[30] GB (0211890.9) 2002-05-23
[30] US (60/382,833) 2002-05-23

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[51] **Int.Cl. 7B65D 83/14 7A61K 9/12 7B65D 81/32**
[25] EN
[54] **CONTAINER FOR THE GENERATION OF THERAPEUTIC MICROFOAM**
[54] **RESERVOIR POUR PRODUIRE UNE MICRO-MOUSSE A ACTION THERAPEUTIQUE**
[72] WRIGHT, DAVID DAKIN LORWERTH, GB
[72] HARMAN, ANTHONY DAVID, GB
[71] BTG INTERNATIONAL LIMITED, GB
[85] 2004-11-23
[86] 2003-05-23 (PCT/GB2003/002226)
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[30] GB (0212047.5) 2002-05-24

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[51] **Int.Cl. 7C12N 15/29 7A01H 1/00 7A01H 5/00 7C12N 5/14**
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[54] **EHD1 GENE PROMOTING PLANT FLOWERING AND UTILIZATION THEREOF**
[54] **GENE EHD1 FAVORISANT LA FLORAISON DES VEGETAUX ET SON APPLICATION**
[72] DOI, KAZUYUKI, JP
[72] YOSHIMURA, ATSUSHI, JP
[72] YAMANOUCHI, UTAKO, JP
[72] YANO, MASAHIRO, JP
[72] FUSE, TAKUICHI, JP
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP
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[30] JP (2002-153807) 2002-05-28

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[51] **Int.Cl. 7A61K 39/00 7A61K 39/385**
[25] EN
[54] **HUMAN PROLACTIN ANTAGONIST-ANGIOGENESIS INHIBITOR FUSION PROTEINS**
[54] **PROTEINES HYBRIDES COMPRENANT UN ANTAGONISTE DE LA PROLACTINE HUMAINE ET UN INHIBITEUR D'ANGIOGENESE**
[72] CHEN, WEN YUAN, US
[71] GREENVILLE HOSPITAL SYSTEM, US
[85] 2004-11-25
[86] 2003-06-02 (PCT/US2003/017216)
[87] 2003-12-11 (WO2003/102148)
[30] US (60/384,121) 2002-05-31

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[13] A1

[51] **Int.Cl. 7B01J 31/02**
[25] EN
[54] **CATALYST AND PROCESS FOR THE CYANATION OF ALDEHYDES**
[54] **CATALYSEUR ET PROCEDE DE CYANATION D'ALDEHYDES**
[72] NORTH, MICHAEL, GB
[72] BELOKON, YURI, RU
[71] KING'S COLLEGE LONDON, GB
[71] NESMEYANOV INSTITUTE OF ORGANOELEMENT COMPOUNDS, RU
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[86] 2003-05-22 (PCT/GB2003/002227)
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[51] **Int.Cl. 7C12N 1/14 7C12P 23/00 7C12P 21/04 7C12N 1/16**
[25] EN
[54] **METHODS AND MATERIALS FOR THE PRODUCTION OF D-LACTIC ACID IN YEAST**
[54] **PROCEDES ET MATERIAUX DESTINES A PRODUIRE DE L'ACIDE D-LACTIQUE DANS UNE LEVURE**
[72] SUOMINEN, PIRKKO, US
[72] OLSON, STACEY, US
[72] HAUSE, BEN, US
[72] DUNDON, CATHERINE ASLESON, US
[72] RAJGARHIA, VINEET, US
[71] CARGILL DOW LLC, US
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[51] **Int.Cl. 7C09D 175/16 7C09D 201/10 7C08J 3/24**
[25] EN
[54] **PROCESS FOR MULTI-LAYER COATING OF SUBSTRATES**
[54] **PROCEDE DE REVETEMENT MULTICOUCHE DE SUBSTRATS**
[72] MATTEN, STEFANIE, DE
[72] REIS, OLIVER, DE
[72] REKOWSKI, VOLKER, DE
[72] WISSING, KLAUS, DE
[72] FLOSBACH, CARMEN, DE
[72] TAENNERT, KLAUS, DE
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[30] US (10/171,207) 2002-06-13

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[13] A1
[51] **Int.Cl. 7H04Q 7/00 7H04J 3/16**
7H04Q 7/20 7H04J 3/22
[25] EN
[54] **METHOD AND APPARATUS FOR**
DISTRIBUTED SIGNALING FOR
UPLINK RATE CONTROL
[54] **PROCEDE ET APPAREIL DE**
SIGNALISATION REPARTIE POUR LA
COMMANDE DE VITESSE DE LIAISON
MONTANTE
[72] TOSKALA, ANTTI, FI
[72] MALKAMAEMI, ESA, FI
[72] DERRYBERRY, R. THOMAS, US
[72] HAO, GUAN, CN
[72] RINNE, MIKKO J., FI
[71] NOKIA CORPORATION, FI
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[87] 2003-12-04 (WO2003/100989)
[30] US (10/156,751) 2002-05-24

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[13] A1
[51] **Int.Cl. 7G01F 1/66 7G01P 5/00**
[25] EN
[54] **ULTRASONIC FLOWMETER AND**
ULTRASONIC FLOWMETERING
METHOD
[54] **DEBITMETRE A ULTRASONS ET**
PROCEDE DE MESURE DU FLUX PAR
ULTRASONS
[72] HISHIDA, KOICHI, JP
[72] MORI, MICHITSUGU, JP
[72] TAKEDA, YASUSHI, JP
[71] THE TOKYO ELECTRIC POWER
COMPANY, INCORPORATED, JP
[71] KEIO UNIVERSITY, JP
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[87] 2003-12-04 (WO2003/100357)
[30] JP (2002-150398) 2002-05-24

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7A23C 9/00**
7C12N 5/06
[25] EN
[54] **ANIMAL GENOTYPING METHOD**
[54] **METHODE DE GENOTYPAGE**
D'ANIMAUX
[72] LEE, MICHAEL AH, NZ
[72] TATE, MICHAEL LEWIS, NZ
[71] A2 CORPORATION LIMITED, NZ
[85] 2004-11-24
[86] 2003-05-23 (PCT/NZ2003/000102)
[87] 2003-12-04 (WO2003/100074)
[30] NZ (519166) 2002-05-24

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[13] A1
[51] **Int.Cl. 7G11B 7/007 7G11B 7/0045**
7G11B 20/10 7G11B 20/12
[25] EN
[54] **INFORMATION STORAGE**
MEDIUM, INFORMATION
RECORDING DEVICE AND METHOD,
INFORMATION RECORDING
CONTROL PROGRAM, AND
RECORDING MEDIUM CONTAINING
THE INFORMATION RECORDING
CONTROL PROGRAM
[54] **SUPPORT DE STOCKAGE**
D'INFORMATIONS, DISPOSITIF ET
PROCEDE D'ENREGISTREMENT
D'INFORMATIONS, PROGRAMME DE
COMMANDE D'ENREGISTREMENT
D'INFORMATIONS ET SUPPORT
D'ENREGISTREMENT CONTENANT
LE PROGRAMME DE COMMANDE
D'ENREGISTREMENT
D'INFORMATIONS
[72] MURAMATSU, EIJI, JP
[72] TANIGUCHI, SHOJI, JP
[71] PIONEER CORPORATION, JP
[85] 2004-11-23
[86] 2003-05-23 (PCT/JP2003/006456)
[87] 2003-12-04 (WO2003/100775)
[30] JP (2002-156453) 2002-05-29

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[13] A1
[51] **Int.Cl. 7G11B 27/00 7G06F 12/00**
7G11B 20/10 7G11B 20/12
[25] EN
[54] **INFORMATION RECORDING**
DEVICE, INFORMATION
RECORDING/REPRODUCTION
DEVICE, INFORMATION RECORDING
METHOD, PROGRAM AND
RECORDING MEDIUM FOR THE
SAME, AND INFORMATION HOLDING
MEDIUM
[54] **DISPOSITIF**
D'ENREGISTREMENT
D'INFORMATIONS, DISPOSITIF
D'ENREGISTREMENT/LECTURE
D'INFORMATIONS, PROCEDE
D'ENREGISTREMENT
D'INFORMATIONS, PROGRAMME ET
SUPPORT D'ENREGISTREMENT
ASSOCIES AUDIT PROCEDE ET
SUPPORT D'ENREGISTREMENT
D'INFORMATIONS
[72] MITSUIKI, KAZUTAKA, JP
[72] HAINO, NOBUO, JP
[71] PIONEER CORPORATION, JP
[71] SONY CORPORATION, JP
[85] 2004-11-23
[86] 2003-05-23 (PCT/JP2003/006457)
[87] 2003-12-04 (WO2003/100784)
[30] JP (2002-156452) 2002-05-29

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[13] A1
[51] **Int.Cl. 7C07K 14/315**
[25] EN
[54] **EXPORT AND MODIFICATION OF**
(POLY)PEPTIDES IN THE
LANTIBIOTIC WAY
[54] **EXPORTATION ET**
MODIFICATION DE (POLY)PEPTIDES
DE TYPE LANTIBIOTIQUE
[72] MOLL, GERT NIKOLAAS, NL
[72] LEENHOUTS, CORNELIS
JOHANNES, NL
[72] DRIESSEN, ARNOLD JACOB
MATHIEU, NL
[72] KUIPERS, OSCAR PAUL, NL
[71] APPLIED NANOSYSTEMS B.V., NL
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[87] 2003-12-04 (WO2003/099862)
[30] EP (02077060.8) 2002-05-24
[30] US (10/360,101) 2003-02-07

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[13] A1
[51] **Int.Cl. 7F28F 13/00**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE**
[72] MEUZELAAR, ANDRIES, BE
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[54] **VERROU CMOS NON VOLATIL A SEUILS MULTIPLES AVEC COMMANDE FUITE**
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[72] SANI, MEHDI HAMIDI, US
[71] QUALCOMM INCORPORATED, US
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[54] **QUICK RELEASE ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE A LIBERATION RAPIDE**
[72] PLANT, TOMMY G., US
[72] SCHATELL, MARC, US
[71] B E AEROSPACE, INC., US
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[54] **ITEM SELECTION AND METHODS OF DISPLAYING THE SAME**
[54] **SYSTEMES DE SELECTION D'ARTICLES ET PROCEDES PERMETTANT L'AFFICHAGE DE CEUX-CI**
[72] KIELY, DOUG, US
[72] SOMMER, JORED, US
[72] NORRIS, JOHN W., III, US
[72] HELM, MARIANNE, US
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[54] **SYNTHESIS OF DIARYL PYRAZOLES**
[54] **SYNTHESE DE DIARYLPYRAZOLES**
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[72] SNODDY, CYNTHIA, US
[72] KLEMM, GEORGE, US
[72] GAUD, HENRY T., US
[72] LETENDRE, LEO J., US
[71] PHARMACIA CORPORATION, US
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[54] **CD200-RECEPTOR MEDIATED MODULATION OF BONE DEVELOPMENT**
[54] **MODULATION DU DEVELOPPEMENT OSSEUX**
[72] GORCZYNSKI, REGINALD M., CA
[71] TRILLIUM THERAPEUTICS INC., CA
[85] 2004-11-25
[86] 2003-06-06 (PCT/CA2003/000823)
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[25] EN
[54] **MATERIALS WITH BOTH BIOADHESIVE AND BIODEGRADABLE COMPONENTS**
[54] **MATERIAUX COMPRENANT A LA FOIS DES ELEMENTS BIOADHESIFS ET DES ELEMENTS BIODEGRADABLES**
[72] KIM, JAEHO, US
[72] HUANG, YANBIN, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **TEMPORARY TATTOO FOR TESTING THE SENSITIVITY OF SKIN TO CHEMICALS**
[54] **TATOUAGE TEMPORAIRE PERMETTANT DE METTRE A L'EPREUVE LA SENSIBILITE DE LA PEAU AUX PRODUITS CHIMIQUES**
[72] BOLBOT, JOHN ANTHONY, GB
[71] CRANFIELD UNIVERSITY, GB
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[54] **METHOD AND APPARATUS FOR REDUCING A NITROGEN OXIDE**
[54] **PROCEDE ET APPAREIL DE REDUCTION D'UN OXYDE D'AZOTE**
[72] DERUYTER, JOHN C., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-11-26
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[54] **SCREENING SYSTEM FOR OBJECTS IN TRANSIT**
[54] **SYSTEME DE BALAYAGE POUR OBJETS EN TRANSIT**
[72] KOREN, GARY, IL
[72] DOLEV, SHALOM, IL
[71] SECURELOGIC LTD., IL
[85] 2004-11-26
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[54] **DISPOSITIF DE BIBERON**
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[72] RAYMOND, JEAN-LOUIS, FR
[72] CRAVEUR, JEAN-CHARLES, FR
[71] RAYMOND, JEAN-LOUIS, FR
[71] GUILHEM, BERNARD, FR
[71] LUMBROSO, CLAUDE, FR
[71] VALINDEX, FR
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[25] EN
[54] **PHARMACEUTICAL PREPARATIONS FOR ORAL ADMINISTRATION, CONTAINING ION-EXCHANGE RESINS LOADED WITH ACTIVE INGREDIENTS AND INTRINSICALLY VISCOUS GELLING AGENTS AS THICKENING AGENTS**
[54] **PREPARATIONS PHARMACEUTIQUES POUR ADMINISTRATION ORALE, CONTENANT DES RESINES ECHANGEUSES D'IONS CHARGEES DE PRINCIPES ACTIFS AINSI QUE DES GELIFIANTS A VISCOSITE INTRINSEQUE COMME EPAISSISSANTS**
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[72] DAUBE, GERT, DE
[72] EDINGLOH, MARKUS, DE
[71] BAYER HEALTHCARE AG, DE
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[54] **TECHNIQUES FOR THE PREPARATION OF HIGHLY FLUORINATED POLYETHERS**
[54] **TECHNIQUE DE PREPARATION DE POLYETHERS HAUTEMENT FLUORES**
[72] VUILLAUME, PASCAL, CA
[72] DING, JIANFU, CA
[72] DAY, MICHAEL, CA
[72] ZHOU, MING, CA
[72] LIU, FUTIAN, CA
[72] LI, MEI, CA
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[54] **FIXATIONI OF PERMANENT MAGNETS TO SECONDARY OF LINEAR MACHINE AND LINEAR MACHINE WITH MULTIPLE TIME CONSTANT CIRCUITS**
[54] **MOTEUR LINEAIRE SYNCHROME A PLUSIEURS CIRCUITS A CONSTANTE DE TEMPS, ELEMENT SECONDAIRE SYNCHROME DE STATOR ET PROCEDE AMELIORE DE MONTAGE D'AIMANTS PERMANENTS**
[72] MARZANO, DOMENIC P., US
[71] VELOCITY MAGNETICS, INC., US
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[54] **CONCRETE SURFACING METHOD**
[54] **PROCEDE DE TRAITEMENT DE SURFACE POUR CIMENT**
[72] YOSHIZUMI, AKIRA, JP
[72] MOTOURI, MASAMI, JP
[72] MICHIWAKI, KANICHI, JP
[72] HISASHI, OSAMU, JP
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **SEQUENCES IMMUNOGENES**
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[72] PRIOR, JOANN LISA, GB
[72] HITCHEN, PAUL GARETH, GB
[72] DELL, ANNE, GB
[72] TITBALL, RICHARD WILLIAM, GB
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[25] EN
[54] **NOVEL METHOD OF ASSAYING NUCLEIC ACID USING LABELED NUCLEOTIDE**
[54] **NOUVEAU PROCEDE DE DOSAGE D'ACIDE NUCLEIQUE AU MOYEN D'UN NUCLEOTIDE MARQUE**
[72] KURATA, SHINYA, JP
[72] NAKAMURA, KAZUNORI, JP
[72] KANAGAWA, TAKAHIRO, JP
[72] TAKATSU, KYOKO, JP
[71] KANKYO ENGINEERING CO., LTD., JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
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[51] **Int.Cl. 7B31B 1/20 7B26D 7/20**
[25] FR
[54] **MACHINE DE TRAITEMENT DE FEUILLES AVEC DES DECOUPES OU DES PLS TRANSVERSAUX A LEUR DIRECTION D'AVANCEMENT.**
[54] **MACHINE FOR PROCESSING SHEETS WITH CUTOUTS OR FOLDS TRANSVERSE TO THEIR FORWARD MOVING DIRECTION**
[72] TAILLARDAT, JEAN-JACQUES, FR
[71] RAPIDEX S.M., FR
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[87] 2003-12-18 (WO2003/103937)
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[54] **DISPOSITIF A VOLET ENROULABLE AUTOUR DUN TAMBOUR**
[54] **DEVICE WITH SHUTTER WINDING ABOUT A DRUM**
[72] COENRAETS, BENOIT, BE
[71] DYNACO INTERNATIONAL, S.A., BE
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[54] **TARGETED THERAPEUTIC PROTEINS**
[54] **PROTEINES THERAPEUTIQUES CIBLEES**
[72] SLY, WILLIAM S., US
[72] BEVERLEY, STEPHEN M., US
[72] LEBOWITZ, JONATHAN H., US
[71] SYMBIONTICS, INC., US
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[54] **STERILISATION, STABILISATION ET CONSERVATION DE MATIERE VIVANTE**
[72] MANDERS, ERNEST K., US
[72] MANDERS, CHRISTIAN D., US
[71] PROMETHEAN LIFESCIENCES, INC., US
[85] 2004-11-30
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[54] **IMMUNOGENIC COMPOSITIONS**
[54] **COMPOSITIONS IMMUNOGENES**
[72] VINALS Y DE BASSOLS, CARLOTA, BE
[72] PALMANTIER, REMI M., BE
[72] CABEZON SILVA, TERESA ELISA VIRGINIA, BE
[72] ELLIS, JONATHAN H., GB
[72] HAMBLIN, PAUL A., GB
[72] GERARD, CATHERINE MARIE GHISLAINE, BE
[71] GLAXO GROUP LIMITED, GB
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
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[54] **ORALLY DISINTEGRATING TABLETS AND PROCESS FOR OBTAINING THEM.**
[54] **COMPRIMES A DESINTEGRATION ORALE ET LEUR PROCEDE DE FABRICATION**
[72] SEGADO FERRAN, JAVIER, ES
[71] VITA CIENTIFICA, S.L., ES
[85] 2004-11-30
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[87] 2003-12-18 (WO2003/103629)
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[51] **Int.Cl. 7B01J 2/30**
[25] EN
[54] **DENSIFYING OF A BULK PARTICULATE MATERIAL**
[54] **DENSIFICATION D'UN MATERIAU PARTICULAIRE EN VRAC**
[72] RUSSEL-SMITH, KEVAN VAUGHAN, ZA
[71] RUSSEL-SMITH, KEVAN VAUGHAN, ZA
[85] 2004-11-30
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[30] ZA (2002/4641) 2002-06-10

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[51] **Int.Cl. 7C07D 235/26 7C07D 235/28 7A61K 31/4184 7A61K 31/585 7C07D 307/83**
[25] EN
[54] **THERAPEUTIC MOLECULES AND METHODS-1**
[54] **MOLECULES THERAPEUTIQUES ET PROCEDES - 1**
[72] DANYLEC, BASIL, AU
[72] ISKANDER, MAGDY NAGUIB, AU
[72] MORAND, ERIC FRANCIS, AU
[71] CORTICAL PTY LTD, AU
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[30] AU (PS 2832) 2002-06-07
[30] AU (PS 2834) 2002-06-07

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[51] **Int.Cl. 7G06F 17/60**
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[54] **WARRANTY MANAGING PROCESS**
[54] **PROCESSUS DE GESTION DE GARANTIE**
[72] MESTER, DAVID J., US
[71] DETROIT DIESEL CORPORATION, US
[85] 2004-11-29
[86] 2003-07-16 (PCT/US2003/022249)
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[54] **SYSTEM FOR IMPROVING THE ACCURACY OF TRANSACTION DATA**
[54] **SYSTEME PERMETTANT D'AMELIORER LA PRECISION DE DONNEES DE TRANSACTION**
[72] HELTSLEY, KEVIN D., US
[72] TIMMONS, GINA L., US
[71] OMNICARE, INC., US
[85] 2004-11-29
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[30] US (60/414,858) 2002-09-30
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[54] **RECIPROCATING ENGINE**
[54] **MOTEUR ALTERNATIF**
[72] BANDO, SHIGERU, JP
[71] BANDO KIKO CO., LTD., JP
[85] 2004-11-29
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[25] EN
[54] **NAPHTHALENE DERIVATIVES WHICH INHIBIT THE CYTOKINE OR BIOLOGICAL ACTIVITY OF MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF)**
[54] **DERIVES DE NAPHTALENE QUI INHIBENT LA CYTOKINE OU L'ACTIVITE BIOLOGIQUE DU FACTEUR INHIBITEUR DE MIGRATION DU MACROPHAGE**
[72] MORAND, ERIC FRANCIS, AU
[72] ISKANDER, MAGDY NAGUIB, AU
[72] DANYLEC, BASIL, AU
[71] CORTICAL PTY LTD, AU
[85] 2004-11-29
[86] 2003-06-06 (PCT/AU2003/000716)
[87] 2003-12-18 (WO2003/104178)
[30] AU (PS 2833) 2002-06-07
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[51] **Int.Cl. 7E01C 11/16 7E04C 5/07**
[25] EN
[54] **SURFACING STRUCTURE FOR TRAFFIC AREAS AND FOR SURFACES OF STRUCTURES**
[54] **CONSTRUCTION DE REVETEMENT DESTINEE A DES SURFACES DE CIRCULATION ET DES SURFACES DE BATIMENTS**
[72] SCHERER, JOSEF, CH
[71] SCHERER, JOSEF, CH
[85] 2004-11-29
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[87] 2003-01-09 (WO2003/002821)
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[51] **Int.Cl. 7C11D 1/835 7C11D 3/20**
[25] EN
[54] **CLEANING AND DEGREASING PREMIX COMPOSITIONS WITH LOW VOC**
[54] **COMPOSITIONS DE PREMELANGE DE NETTOYAGE ET DE DEGRAISSAGE A FAIBLE TENEUR EN COMPOSES ORGANIQUES VOLATILS (VOC)**
[72] JOHNSON, ANDRESS KIRSTY, US
[72] ANTEZZO, MEIYLIN FONG, US
[71] AKZO NOBEL N.V., NL
[85] 2004-11-29
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[51] **Int.Cl. 7C08G 69/48 7C09D 177/12 7C08G 69/44**
[25] EN
[54] **POWDER COATING MATTING AGENT COMPRISING ESTER AMIDE CONDENSATION PRODUCT**
[54] **AGENT DE MATAGE DE REVETEMENT EN POUDRE COMPRENANT UN PRODUIT DE CONDENSATION D'ESTER AMIDE**
[72] FLETCHER, TIM, DE
[71] GRACE GMBH & CO. KG, DE
[85] 2004-11-29
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[87] 2003-12-11 (WO2003/102048)
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[54] **REINFORCED COMPOSITE PANEL**
[54] **PANNEAU COMPOSITE RENFORCE**
[72] SIMONSEN, JOHN, DK
[72] YDE NIELSEN, MICHAEL, DK
[72] UDENGAARD, BRIAN, DK
[72] RIISGAARD, BENJAMIN, DK
[72] ELKJAER, ANDREAS, DK
[72] BONDE, HANS SOEREN, DK
[71] COMPOSHIELD A/S, DK
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[51] **Int.Cl. 7B32B 13/02 7E04C 2/06 7E04H 9/10 7B32B 5/28**
[25] EN
[54] **IMPACT REINFORCED COMPOSITE PANEL**
[54] **PANNEAU MIXTE RENFORCE**
[72] UDENGAARD, BRIAN, DK
[72] YDE NIELSEN, MICHAEL, DK
[72] SIMONSEN, JOHN, US
[72] LANGE-KORNBAL, DAN, DK
[71] COMPOSHIELD A/S, DK
[85] 2004-11-29
[86] 2003-05-26 (PCT/EP2003/005515)
[87] 2003-12-11 (WO2003/101726)
[30] GB (0212687.8) 2002-05-31

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[13] A1
[51] **Int.Cl. 7E21B 10/32**
[25] EN
[54] **EXPANDABLE DRILLING TOOL**
[54] **OUTIL DE FORAGE DEPLOYABLE**
[72] DE LUCA, ITALO, BE
[71] DE LUCA, ITALO, BE
[85] 2004-11-30
[86] 2001-06-01 (PCT/BE2001/000096)
[87] 2002-12-05 (WO2002/097231)

[21] **2,487,875**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7G06F 9/44**
[25] EN
[54] **METHOD FOR DISPLAYING AND EXECUTING WEB SERVICES IN MULTIPLE PROGRAMMING LANGUAGES**
[54] **PROCEDE D'AFFICHAGE ET D'EXECUTION DE SERVICES WEB DANS PLUSIEURS LANGAGES DE PROGRAMMATION**
[72] NICKOLAS, STEWART EARLE, US
[72] BECKER, CRAIG HENRY, US
[72] VICKNAIR, WAYNE ELMO, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2004-11-29
[86] 2003-04-15 (PCT/GB2003/001620)
[87] 2004-01-08 (WO2004/003787)
[30] US (10/184,255) 2002-06-28

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[13] A1
[51] **Int.Cl. 7B21D 45/00**
[25] EN
[54] **IMPROVED STRIPPER PLATE RETENTION SYSTEM**
[54] **SYSTEME DE RETENUE AMELIORE POUR PLAQUE D'EJECTION**
[72] TIMP, RICHARD L., US
[72] ROSENE, RONALD G., US
[72] ROBINSON, VERLON, US
[71] WILSON TOOL INTERNATIONAL, INC., US
[85] 2004-11-30
[86] 2003-06-06 (PCT/US2003/018010)
[87] 2003-12-18 (WO2003/103872)
[30] US (10/165,052) 2002-06-07

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[13] A1
[51] **Int.Cl. 7B22D 1/00**
[25] EN
[54] **INJECTION DEVICE AND PROCESS FOR THE INJECTION OF A FLUID**
[54] **DISPOSITIF D'INJECTION ET PROCEDE D'INJECTION D'UN FLUIDE**
[72] MILLWARD, CAVAN, GB
[72] WILLOUGHBY, CRAIG, GB
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 2004-11-30
[86] 2003-06-03 (PCT/BE2003/000097)
[87] 2003-12-18 (WO2003/103877)
[30] EP (02447113.8) 2002-06-07

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[13] A1
[51] **Int.Cl. 7G09G 5/00 7G06F 7/00 7G10L 15/04 7G10L 15/06**
[25] EN
[54] **SYSTEM AND METHOD FOR THE DELIVERY OF ELECTRONIC BOOKS**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE LIVRES ELECTRONIQUES**
[72] HAY, GEORGE, US
[72] RASMUSSEN, GERALD, US
[71] AV BOOKS, INC., US
[85] 2004-11-30
[86] 2002-05-30 (PCT/US2002/016965)
[87] 2002-12-05 (WO2002/097781)
[30] US (60/294,439) 2001-05-30
[30] US (10/067,976) 2002-02-08

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[13] A1
[51] **Int.Cl. 7A61F 13/00 7A61F 13/02**
[25] EN
[54] **TRANSMUCOSAL DELIVERY OF CANNABINOIDS**
[54] **ADMINISTRATION PAR VOIE TRANSMUQUEUSE DE CANNABINOIDES**
[72] REPKA, MICHAEL A., US
[72] ELSOHLY, MAHMOUD, US
[71] UNIVERSITY OF MISSISSIPPI, US
[85] 2004-11-30
[86] 2003-05-30 (PCT/US2003/016812)
[87] 2003-12-11 (WO2003/101357)
[30] US (60/384,735) 2002-05-31

[21] **2,487,883**
[13] A1
[51] **Int.Cl. 7C07D 499/06 7C07D 499/87**
[25] EN
[54] **PROCESS FOR PREPARATION OF PENAM DERIVATIVES FROM CEPHAM DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES PENAM A PARTIR DE DERIVES CEPHAM**
[72] ANDREW, G., IN
[72] DESHPANDE, PANDURANG BALWANT, IN
[72] SENTHILKUMAR, UDAYAMPALAYAM PALANISAMY, IN
[71] ORCHID CHEMICALS & PHARMACEUTICALS LIMITED, IN
[85] 2004-11-30
[86] 2002-06-12 (PCT/IB2002/002230)
[87] 2003-12-18 (WO2003/104241)
[30] IN (434/MAS/2002) 2002-06-07

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[13] A1
[51] **Int.Cl. 7A61K 31/505 7A01N 43/54**
[25] EN
[54] **AMYOTROPHIC LATERAL SCLEROSIS TREATMENT WITH CYCLOOXYGENASE-2 INHIBITORS**
[54] **COMBINAISON DE THERAPIES PERMETTANT DE TRAITER LA SCLEROSE AMYOTROPHIQUE LATERALE (ALS) A L'AIDE D'INHIBITEUR(S) DE LA CYCLOOXYGENASE-2 (COX 2) ET D'UN SECOND MEDICAMENT**
[72] ISAKSON, PETER C., US
[71] PHARMACIA CORPORATION, US
[85] 2004-11-30
[86] 2003-05-28 (PCT/US2003/014547)
[87] 2003-12-11 (WO2003/101380)
[30] US (60/384,104) 2002-05-31
[30] US (10/444,071) 2003-05-23

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[13] A1
[51] **Int.Cl. 7A61C 17/34 7A61C 17/22**
[25] EN
[54] **HIGH EFFICIENCY ELECTRIC TOOTHBRUSH**
[54] **BROSSE A DENTS ELECTRIQUE A EFFICACITE ELEVEE**
[72] CHAN, JOHN GEOFFREY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-11-30
[86] 2003-06-10 (PCT/US2003/018368)
[87] 2003-12-18 (WO2003/103531)
[30] US (60/387,841) 2002-06-11
[30] US (60/410,556) 2002-09-13
[30] US (60/410,865) 2002-09-13
[30] US (10/274,700) 2002-10-21

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[13] A1
[51] **Int.Cl. 7E21B 17/02 7E21B 47/01**
[25] EN
[54] **TOOL MODULE CONNECTOR FOR USE IN DIRECTIONAL DRILLING**
[54] **INTERCONNEXION DE MODULES D'OUTILS DESTINE AU FORAGE DIRIGE**
[72] SUTHERLAND, MICHAEL T., CA
[72] KANJI, KARIM, CA
[72] GURJAR, RISHI, CA
[71] RYAN ENERGY TECHNOLOGIES, CA
[85] 2004-11-29
[86] 2003-06-05 (PCT/CA2003/000844)
[87] 2003-12-18 (WO2003/104606)
[30] US (10/164,266) 2002-06-05

[21] **2,487,889**
[13] A1
[51] **Int.Cl. 7A61K 47/44**
[25] EN
[54] **STABILISED PHARMACEUTICAL COMPOSITIONS ON THE BASIS OF POLYETHOXYLATED CASTOR OIL AND METHOD FOR MANUFACTURING THE SAME**
[54] **COMPOSITIONS PHARMACEUTIQUES STABILISEES A BASE D'HUILE DE RICIN POLYETHOXYLEE ET TECHNIQUE DE FABRICATION DE CELLES-CI**
[72] KYSILKA, VLADIMIR, CZ
[72] KUBAT, MARTIN, CZ
[72] CIGANKOVA, MARIE, CZ
[72] POSPISILIK, KAREL, CZ
[72] CIRKVA, ALES, CZ
[72] ZALUDEK, BOREK, CZ
[72] ZATLOUKALOVA, LIBUSE, CZ
[71] PLIVA-LACHEMA A.S., CZ
[85] 2004-11-29
[86] 2003-05-16 (PCT/EP2003/005153)
[87] 2003-12-18 (WO2003/103714)
[30] CZ (PV 2002-2027) 2002-06-10

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[13] A1
[51] **Int.Cl. 7A61K 31/055 7A61K 31/121 7A61K 31/15 7A61K 31/166 7A61K 31/167 7A61K 31/17 7A61K 31/18 7A61K 31/185 7A61K 31/192 7A61K 31/216 7A61K 31/222 7A61K 31/275 7A61K 31/357 7A61K 31/381 7A61K 31/402 7A61K 31/403 7A61K 31/4035 7A61K 31/404 7A61K 31/4164 7A61K 31/421 7A61K 31/426 7A61K 31/433 7A61K 31/437 7A61K 31/44 7A61K 31/4402 7A61K 31/4406 7A61K 31/4418 7A61K 31/445 7A61K 31/4453 7A61K 31/47 7A61K 31/496**
[25] EN
[54] **INHIBITORS AGAINST THE ACTIVATION OF AP-1 AND NFAT**
[54] **INHIBITEURS DE L'ACTIVATION DE AP-1 ET DE NFAT**
[72] MUTO, SUSUMU, JP
[72] ITAI, AKIKO, JP
[71] INSTITUTE OF MEDICINAL MOLECULAR DESIGN, INC., JP
[85] 2004-11-30
[86] 2003-06-05 (PCT/JP2003/007129)
[87] 2003-12-18 (WO2003/103647)
[30] JP (2002-164526) 2002-06-05

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[13] A1

[51] **Int.Cl. 7B01J 19/00 7C08F 2/22**
[25] EN
[54] **METHOD FOR MONITORING AND ENSURING THE SAFETY OF EXOTHERMIC REACTIONS**
[54] **PROCEDE POUR SURVEILLER ET SECURISER DES REACTIONS EXOTHERMIQUES**
[72] SCHLEMMER, PETER, DE
[72] HAUFF, THOMAS, DE
[72] KESSLER, JOCHEN, DE
[72] VON WATZDORF, JOBST RUDIGER, DE
[72] NIEKEN, ULRICH, DE
[72] BENTHACK, CHRISTINA, US
[72] KRONER, HUBERTUS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-11-29
[86] 2003-06-06 (PCT/EP2003/005946)
[87] 2003-12-18 (WO2003/103826)
[30] DE (102 25 383.8) 2002-06-07

[21] **2,487,893**
[13] A1

[51] **Int.Cl. 7G01B 9/02 7A61B 6/00 7G02B 26/08**
[25] EN
[54] **METHOD FOR OBTAINING THE IMAGE OF AN OBJECT, DEVICE FOR CARRYING OUT SAID METHOD AND DEVICE FOR DELIVERING LOW COHERENT OPTICAL RADIATION**
[54] **PROCEDE DESTINE A FORMER UNE IMAGE D'UN OBJET, DISPOSITIF PERMETTANT SA MISE EN OEUVRE, ET DISPOSITIF DESTINE A GENERER UN RAYONNEMENT OPTIQUE DE FAIBLE COHERENCE**
[72] MYAKOV, ALEXSEY VICTOROVICH, RU
[72] GELIKONOV, VALENTIN MIKHAILOVICH, RU
[72] GELIKONOV, GRIGORY VALENTINOVICH, RU
[72] FELDCHTEIN, FELIX ISAAKOVICH, US
[71] IMALUX CORPORATION, US
[85] 2004-11-30
[86] 2003-06-04 (PCT/RU2003/000252)
[87] 2003-12-18 (WO2003/104744)
[30] RU (2002114935) 2002-06-07

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[13] A1

[51] **Int.Cl. 7C08G 59/68 7C08L 63/00**
[25] EN
[54] **ACTINIC RADIATION CURABLE COMPOSITIONS AND THEIR USE**
[54] **COMPOSITIONS DURCISSABLES PAR RAYONNEMENT ACTINIQUE ET LEUR UTILISATION**
[72] MESSE, LAURENCE JOSETTE, GB
[72] HAYES, BARRIE JAMES, GB
[71] HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH, CH
[85] 2004-11-29
[86] 2003-06-04 (PCT/GB2003/002410)
[87] 2003-12-18 (WO2003/104296)
[30] GB (0212977.3) 2002-06-06

[21] **2,487,895**
[13] A1

[51] **Int.Cl. 7A61K 35/14 7C07K 17/00**
[25] EN
[54] **DEFENSINS: USE AS ANTIVIRAL AGENTS**
[54] **DEFENSINES: UTILISATION COMME AGENTS ANTIVIRAUX**
[72] CAFFREY, REBECCA E., US
[72] HO, DAVID D., US
[72] ZHANG, LINQI, US
[72] MEI, JIANFENG, US
[72] DALMASSO, ENRIQUE A., US
[71] CIPHERGEN BIOSYSTEMS, INC., US
[71] AARON DIAMOND AIDS RESEARCH CENTER, US
[85] 2004-11-30
[86] 2003-05-30 (PCT/US2003/017225)
[87] 2003-12-11 (WO2003/101394)
[30] US (60/384,428) 2002-05-31
[30] US (60/405,595) 2002-08-23
[30] US (60/412,414) 2002-09-20

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[13] A1

[51] **Int.Cl. 7B23Q 1/00 7B23Q 11/00 7E21B 21/02 7B28D 7/02 7B28D 1/04 7B23Q 11/10**
[25] EN
[54] **DRILLING ATTACHMENT**
[54] **DISPOSITIF DE FORAGE**
[72] CLARK, JOHN, GB
[71] CLARK, JOHN, GB
[85] 2004-11-29
[86] 2003-06-06 (PCT/GB2003/002488)
[87] 2003-12-18 (WO2003/103888)
[30] GB (0213019.3) 2002-06-06

[21] **2,487,899**
[13] A1

[51] **Int.Cl. 7A61K 31/18 7A61K 45/00 7A61P 13/00 7A61P 43/00 7C07D 453/02 7A61P 13/02 7A61P 13/10 7A61K 31/4725**
[25] EN
[54] **OVERACTIVE BLADDER TREATING DRUG**
[54] **MEDICAMENT POUR LE TRAITEMENT DE L'HYPERACTIVITE VESICALE**
[72] VAN MEETEREN, RIAN, NL
[72] KAJII, HIROSHI, JP
[72] VISSER, NICO J., NL
[72] TAKIGUCHI, NOBUYUKI, JP
[71] YAMANOUCHI PHARMACEUTICAL CO. LTD., JP
[85] 2004-11-29
[86] 2003-06-05 (PCT/JP2003/007149)
[87] 2003-12-18 (WO2003/103659)
[30] JP (2002-166408) 2002-06-07

[21] **2,487,900**
[13] A1

[51] **Int.Cl. 7A61K 31/167 7A61P 29/00 7A61P 43/00 7A61P 19/02 7A61P 37/02 7A61P 19/10 7A61K 31/381 7A61K 31/402 7A61K 31/426 7A61K 31/496 7A61K 31/5377**
[25] EN
[54] **IMMUNITY-RELATED PROTEIN KINASE INHIBITORS**
[54] **INHIBITEURS DE PROTEINES-KINASES EN RELATION A L'IMMUNITE**
[72] MUTO, SUSUMU, JP
[72] ITAI, AKIKO, JP
[71] INSTITUTE OF MEDICINAL MOLECULAR DESIGN, INC., JP
[85] 2004-11-30
[86] 2003-06-05 (PCT/JP2003/007130)
[87] 2003-12-18 (WO2003/103658)
[30] JP (2002-164525) 2002-06-05

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[13] A1

[51] **Int.Cl. 7F23C 11/00**
[25] EN
[54] **METHOD FOR PREPARING OXIDISER FOR FUEL COMBUSTION**
[54] **DISPOSITIF DE PREPARATION D'UN COMBURANT OPERANT LA COMBUSTION DE COMBUSTIBLE**
[72] NIKOLAYEV, NIKOLAY NIKOLAYEVICH, UA
[72] MAL'TSEV, VADIM ALEXSANDROVICH, UA
[72] PEDOS, VALERIY ANDREEVICH, UA
[72] KUSHNIR, VYACHESLAV MICHAILOVICH, UA
[71] MAL'TSEV, VADIM ALEXSANDROVICH, UA
[85] 2004-11-29
[86] 2003-05-26 (PCT/UA2003/000018)
[87] 2003-12-11 (WO2003/102469)
[30] UA (2002054421) 2002-05-30

[21] **2,487,903**
[13] A1

[51] **Int.Cl. 7H04L 9/08**
[25] EN
[54] **KEY AGREEMENT AND TRANSPORT PROTOCOL**
[54] **PROTOCOLE D'ACCORD ET DE TRANSFERT DE CLES**
[72] STRUIK, MARINUS, CA
[71] CERTICOM CORP., CA
[85] 2004-11-30
[86] 2003-03-07 (PCT/CA2003/000317)
[87] 2003-09-18 (WO2003/077469)
[30] US (10/092,972) 2002-03-08

[21] **2,487,908**
[13] A1

[51] **Int.Cl. 7C07D 255/02 7A61P 35/00 7A61K 49/04 7A61K 51/04 7A61K 31/395**
[25] EN
[54] **SCORPIONATE-LIKE PENDANT MACROCYCLIC LIGANDS, COMPLEXES AND COMPOSITIONS THEREOF, AND METHODS OF USING SAME**
[54] **LIGANDS MACROCYCLIQUES PENDANTS DE TYPE SCORPIONATES, COMPLEXES ET COMPOSITIONS CONTENANT CES DERNIERS, ET LEURS PROCEDES D'UTILISATION**
[72] BRECHBIEL, MARTIN W., US
[72] CHONG, HYUN-SOON, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2004-11-30
[86] 2003-06-03 (PCT/US2003/017460)
[87] 2003-12-11 (WO2003/101919)
[30] US (60/385,371) 2002-06-03
[30] US (10/318,821) 2002-12-13

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[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61P 3/06 7A61P 3/10 7A61P 9/10 7A61K 31/192 7C07C 323/20 7C07D 213/30 7C07D 213/32 7C07D 213/34 7C07C 59/66 7C07C 59/68**
[25] EN
[54] **PHENYLALKANOIC ACID AND PHENYLOXYALKANOIC ACID DERIVATIVES AS HPPAR ACTIVATORS**
[54] **ACIDE PHENYLALKANOIQUE ET DERIVES D'ACIDE PHENYLOXYALKANOIQUE EN TANT QU'ACTIVATEURS DE HPPAR**
[72] GOSMINI, ROMAIN LUC MARIE, FR
[72] KING, NIGEL PAUL, GB
[72] PATEL, VIPULKUMAR KANTIBHAI, GB
[72] HAMLETT, CHRISTOPHER CHARLES FREDERICK, GB
[72] BESWICK, PAUL JOHN, GB
[72] BELL, RICHARD, GB
[72] GRIMES, RICHARD MARTIN, GB
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 2004-11-29
[86] 2003-06-18 (PCT/EP2003/006415)
[87] 2003-12-31 (WO2004/000315)
[30] GB (0214149.7) 2002-06-19

[21] **2,487,913**
[13] A1

[51] **Int.Cl. 7B23H 9/00 7B23H 9/10 7B23H 9/14 7B23K 26/38 7B23K 26/40**
[25] EN
[54] **METHOD OF PRODUCING A COMPOSITE COMPONENT**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSANT COMPOSITE**
[72] SELA, URI, CH
[72] LAVERS, FERGUS, IE
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2004-11-30
[86] 2003-06-04 (PCT/EP2003/050214)
[87] 2003-12-24 (WO2003/106089)
[30] GB (0213475.7) 2002-06-12

[21] **2,487,917**
[13] A1

[51] **Int.Cl. 7A61B 8/12**
[25] EN
[54] **A TRANSDUCER WITH MULTIPLE RESONANT FREQUENCIES FOR AN IMAGING CATHETER**
[54] **TRANSDUCTEUR A FREQUENCES RESONANTES MULTIPLES DESTINE A UN CATHETER D'IMAGERIE**
[72] TAIMISTO, MIRIAM H., US
[72] LARDNER, RICHARD, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2004-11-29
[86] 2003-05-07 (PCT/US2003/014572)
[87] 2003-12-18 (WO2003/103501)
[30] US (10/167,223) 2002-06-10

[21] **2,487,918**
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 31/04 7A61K 31/70**
[25] EN
[54] **3-DESCLADINOSYL-6-O-CARBAMOYL AND 6-O-CARBAMOYL MACROLIDE ANTIBACTERIAL AGENTS**
[54] **AGENTS ANTIBACTERIENS MACROLIDES 3-DESCLADINOSYL-6-O-CARBAMOYL ET 6-O-CARBAMOYL**
[72] MACIELAG, MARK J., US
[72] MARINELLI, BRETT A., US
[72] ZHU, BIN, US
[72] HENNINGER, TODD C., US
[71] JANSSEN PHARMACEUTICA, NV, BE
[85] 2004-11-30
[86] 2003-05-28 (PCT/US2003/016617)
[87] 2003-12-11 (WO2003/102010)
[30] US (60/384,483) 2002-05-31

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[13] A1

[51] **Int.Cl. 7D21F 1/00 7D03D 15/00**
[25] EN
[54] **INDUSTRIAL FABRIC WITH MEANS FOR MONITORING WEAR**
[54] **TISSU INDUSTRIEL PRESENTANT DES MOYENS PERMETTANT DE SURVEILLER L'USURE**
[72] LUCIANO, WILLIAM A., US
[72] MORIARTY, MICHAEL G., US
[71] ALBANY INTERNATIONAL CORP., US
[85] 2004-11-29
[86] 2003-06-04 (PCT/US2003/017651)
[87] 2003-12-18 (WO2003/104550)
[30] US (10/167,100) 2002-06-11

[21] **2,487,922**
[13] A1

[51] **Int.Cl. 7C08F 10/00 7C08F 4/69**
[25] EN
[54] **CATALYST SYSTEM AND OLEFIN POLYMERISATION PROCESS**
[54] **SYSTEME CATALYSEUR ET PROCEDE DE POLYMERISATION D'OLEFINES**
[72] KENDRICK, JAMES A., US
[72] SPECA, ANTHONY N., US
[72] ROGER, SCOTT T., US
[72] KATZEN, STANLEY J., US
[72] LIN, ZERONG, US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2004-11-29
[86] 2003-06-06 (PCT/US2003/017828)
[87] 2003-12-18 (WO2003/104291)
[30] US (60/387,006) 2002-06-06

[21] **2,487,923**
[13] A1

[51] **Int.Cl. 7A61K 31/16**
[25] EN
[54] **MONOTHERAPY FOR THE TREATMENT OF AMYOTROPHIC LATERAL SCLEROSIS WITH CYCLOOXYGENASE-2 (COX 2) INHIBITOR(S)**
[54] **MONOTHERAPIE PERMETTANT DE TRAITER LA SCLEROSE AMYOTROPHIQUE LATERALE A L'AIDE D'INHIBITEUR(S) DE LA CYCLOOXYGENASE-2 (COX 2)**
[72] ISAKSON, PETER C., US
[71] PHARMACIA CORPORATION, US
[85] 2004-11-30
[86] 2003-05-28 (PCT/US2003/014548)
[87] 2003-12-11 (WO2003/101441)
[30] US (60/384,139) 2002-05-31
[30] US (10/444,072) 2003-05-23

[21] **2,487,927**
[13] A1

[51] **Int.Cl. 7B32B 5/16**
[25] EN
[54] **PARTICULATE MATERIAL HAVING MULTIPLE CURABLE COATINGS AND METHODS FOR MAKING AND USING SAME**
[54] **MATIERE SOUS FORME DE PARTICULES POSSEDANT DE MULTIPLES REVETEMENTS DURCISSABLES, ET SES PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] MCCRARY, LLOYD AVIS, US
[72] DIEP, TOM, US
[72] ANDERSON, ROBERT WILLIAM, US
[71] BORDEN CHEMICAL, INC., US
[85] 2004-11-30
[86] 2003-05-30 (PCT/US2003/017065)
[87] 2003-12-11 (WO2003/102086)
[30] US (60/384,419) 2002-06-03
[30] US (60/385,578) 2002-06-05
[30] US (10/445,899) 2003-05-28

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[13] A1

[51] **Int.Cl. 7C12Q 1/02 7B01J 19/00 7G01N 33/50 7G01N 33/551 7G01N 33/569 7G01N 21/64 7G01N 33/68 7C12Q 1/68**
[25] EN
[54] **HIGH THROUGHPUT CELLULAR RESPONSE ASSAY USING MICROARRAYS**
[54] **METHODE D'ANALYSE A HAUT RENDEMENT DE CELLULES, FAISANT INTERVENIR DES MICRORESEAUX VIVANTS POLYVALENTS**
[72] VAN DAMME, HENDRIK SIBOLT, NL
[72] BLOK, HERMAN JACOBUS, BE
[72] HILHORST, MARIA HELENA, NL
[72] INGHAM, COLIN JOHN, BE
[71] PAMGENE B.V., NL
[85] 2004-11-30
[86] 2003-06-03 (PCT/EP2003/005798)
[87] 2003-12-11 (WO2003/102578)
[30] EP (02447105.4) 2002-06-03

[21] **2,487,931**
[13] A1

[51] **Int.Cl. 7C08L 23/16 7C08F 2/00 7F16L 11/00 7C08L 23/04 7C08F 210/16**
[25] EN
[54] **POLYMER COMPOSITIONS AND METHOD OF MAKING PIPES THEREOF**
[54] **COMPOSITIONS DE POLYMERES ET PROCEDES DE FABRICATION DE TUYAUX AVEC CES COMPOSITIONS**
[72] MICHIE, WILLIAM J., JR., US
[72] ZHOU, JIMMY Z., US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
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[87] 2003-12-11 (WO2003/102075)
[30] US (60/386,291) 2002-06-04

[21] **2,487,933**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **NOVEL HIGH DENSITY ARRAYS AND METHODS FOR ANALYTE ANALYSIS**
[54] **NOUVEAUX ENSEMBLES ORDONNES D'ECHANTILLONS A HAUTE DENSITE ET TECHNIQUE D'ANALYSE D'ANALYSAT**
[72] VAN BEUNINGEN, MARINUS GERARDUS JOHANNUS, NL
[71] PAMGENE B.V., NL
[85] 2004-11-30
[86] 2003-06-02 (PCT/EP2003/005749)
[87] 2003-12-11 (WO2003/102233)
[30] EP (02447108.8) 2002-06-03

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[13] A1

[51] **Int.Cl. 7B32B 3/18 7B32B 3/30**
[25] EN
[54] **ACTIVE ENERGY ABSORBING CELLULAR METALS AND METHOD OF MANUFACTURING AND USING THE SAME**
[54] **METAUX CELLULAIRES D'AMORTISSEMENT ACTIFS ET LEUR PROCEDE DE FABRICATION ET D'UTILISATION**
[72] WADLEY, HAYDN N., G., US
[72] ELZEY, DANA M., US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[85] 2004-11-30
[86] 2003-05-30 (PCT/US2003/017049)
[87] 2003-12-11 (WO2003/101722)
[30] US (60/384,159) 2002-05-30

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[13] A1
[51] **Int.Cl. 7A45C 9/00 7A45F 3/02**
[25] EN
[54] **BAG**
[54] **SAC**
[72] GOETESSON, OLA, SE
[72] GOETESSON, JOHAN, SE
[71] GOTESSIONS INDUSTRI AB, SE
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[30] SE (0201772-1) 2002-06-11

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[13] A1
[51] **Int.Cl. 7B01D 53/60**
[25] EN
[54] **OXIDATION OF NOX'S WITH CHLORINE DIOXIDE IN COMBINATION WITH A THERMAL NOX REMOVAL PROCESS**
[54] **OXYDATION DES NOX AU MOYEN DE DIOXYDE DE CHLORE, EN COMBINAISON AVEC UN PROCEDE THERMIQUE D'ELIMINATION DE NOX**
[72] TAKACS, THERESA J., US
[72] GU, PIN, US
[72] BALMER, ROBERT G., US
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[86] 2003-05-09 (PCT/US2003/014652)
[87] 2003-12-18 (WO2003/103807)
[30] US (60/386,560) 2002-06-05
[30] US (60/386,492) 2002-06-05
[30] US (60/442,268) 2003-01-24

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[13] A1
[51] **Int.Cl. 7A61K 9/00 7A61F 9/00**
[25] EN
[54] **OPHTHALMIC DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'APPORT DE MEDICAMENT OPHTALMIQUE**
[72] GULSEN, DERYA, US
[72] CHAUHAN, ANUJ, US
[71] UNIVERSITY OF FLORIDA, US
[85] 2004-12-01
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[87] 2003-12-18 (WO2003/103549)
[30] US (60/385,571) 2002-06-05

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[13] A1
[51] **Int.Cl. 7C07D 417/06 7A61P 3/10 7C07D 417/14 7A61K 31/506 7A61K 31/53**
[25] EN
[54] **AZOLE METHYLIDENE CYANIDE DERIVATIVES AND THEIR USE AS PROTEIN KINASE MODULATORS**
[54] **DERIVES DE CYANURE D'AZOLE METHYLIDENE ET LEUR UTILISATION COMME MODULATEURS DE PROTEINE KINASE**
[72] THOMAS, RUSSEL J., GB
[72] JEANCLAUDE-ETTER, ISABELLE, CH
[72] SCHWARZ, MATTHIAS, CH
[72] GOTTELAND, JEAN-PIERRE, FR
[72] GAILLARD, PASCALE, FR
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[86] 2003-06-13 (PCT/EP2003/050225)
[87] 2003-12-24 (WO2003/106455)
[30] EP (02100710.9) 2002-06-14

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[13] A1
[51] **Int.Cl. 7F16D 7/02**
[25] FR
[54] **ACTIONNEUR A DEUX MOTEURS, UN REDUCTEUR DIFFERENTIEL ET UN LIMITEUR DE COUPLE**
[54] **ACTUATOR WITH TWO MOTORS, A DIFFERENTIAL REDUCER AND A TORQUE LIMITER**
[72] ZORDAN, CEDRIC, FR
[71] MESSIER-BUGATTI, FR
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[30] FR (02/06743) 2002-05-31

[21] **2,487,951**
[13] A1
[51] **Int.Cl. 7C09K 7/02**
[25] EN
[54] **LUBRICANTS FOR DRILLING MUD CONTAINING SILICIC ACID**
[54] **LUBRIFIANTS POUR BOUE DE FORAGE CONTENANT DE L'ACIDE SILICIQUE**
[72] KERCHEVILLE, JIM D., US
[72] FISK, JAMES V., JR., US
[72] POBER, KENNETH W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[87] 2003-12-24 (WO2003/106584)
[30] US (10/167,882) 2002-06-12

[21] **2,487,953**
[13] A1
[51] **Int.Cl. 7C09K 7/02 7E21B 43/02 7E21B 33/138**
[25] EN
[54] **METHODS OF CONSOLIDATING FORMATIONS OR FORMING CHEMICAL CASING OR BOTH WHILE DRILLING**
[54] **PROCEDES PERMETTANT DE RENFORCER DES FORMATIONS OU DE FORMER UN CUVELAGE CHIMIQUE, OU LES DEUX, PENDANT UNE OPERATION DE FORAGE**
[72] FITZGERALD, RUSSELL M., US
[72] BERRYHILL, DENISE, US
[72] BECKER, THOMAS E., US
[72] WILSON, J., MICHAEL, US
[72] REDDY, B., RAGHAVA, US
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[72] EOFF, LARRY S., US
[72] WHITFILL, DONALD L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. 7C01G 31/00 7C01G 31/02 7C01B 17/96**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF VANADYL SULFATE SOLUTION**
[54] **PROCEDE PERMETTANT DE PREPARER UNE SOLUTION DE SULFATE DE VANADYLE**
[72] MONAGHAN, PATRICK ALBERT, ZA
[72] DORMEHL, ANDRIES GERHARDUS, ZA
[71] HIGHVELD STEEL AND VANADIUM CORPORATION LIMITED, ZA
[85] 2004-11-29
[86] 2003-05-26 (PCT/IB2003/002002)
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[30] ZA (2002/4382) 2002-05-31

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[51] **Int.Cl. 7C07C 217/00**
[25] EN
[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF 4-(N, N-DISUBSTITUTEDAMINO) BUTYRALDEHYDE ACETALS**
[54] **PROCEDE AMELIORE POUR L'ELABORATION D'ACETALS DE 4-(N, N-AMINODISUBSTITUE) BUTYRALDEHYDE**
[72] PULLA, REDDY MUDDASANI, IN
[72] VENKAIAH, CHOWDARY NANNAPANENI, IN
[71] NATCO PHARMA LIMITED, IN
[85] 2004-11-30
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[30] IN (411/MAS/02) 2002-05-31

[21] **2,487,958**
[13] A1

[51] **Int.Cl. 7B06B 1/02 7G10K 15/02**
[25] EN
[54] **ELECTRONIC CONTROL CIRCUIT AND ACOUSTIC-SIGNAL EMITTING DEVICE FOR VEHICLES**
[54] **CIRCUIT DE COMMANDE ELECTRONIQUE ET DISPOSITIF EMETTEUR DE SIGNAUX ACOUSTIQUES POUR VEHICULES**
[72] SCHIEPPATI, MICHELE, IT
[72] LETINTURIER, BORIS, FR
[71] FABBRICA ITALIANA ACCUMULATORI MOTOCARRI MONTECCHIO F.I.A.M.M. S.P.A., IT
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[87] 2003-12-18 (WO2003/103857)

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[13] A1

[51] **Int.Cl. 7F01D 5/04 7F01D 25/14**
[25] EN
[54] **IMPROVED LOW CYCLE FATIGUE LIFE (LCF) IMPELLER DESIGN CONCEPT**
[54] **CONCEPTION D'UNE TURBINE PRESENTANT UNE RESISTANCE A LA FATIGUE OLIGOCYCLIQUE (LCF) AMELIOREE**
[72] ROMANI, GIUSEPPE, CA
[72] STONE, PAUL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[85] 2004-11-30
[86] 2003-07-08 (PCT/CA2003/001014)
[87] 2004-01-22 (WO2004/007913)
[30] US (10/193,916) 2002-07-15

[21] **2,487,961**
[13] A1

[51] **Int.Cl. 7A61K 7/48**
[25] EN
[54] **METHOD AND COMPOSITION FOR IMPROVING SENSORY CHARACTERISTICS OF SEMISOLID PREDOMINANTLY ANHYDROUS**
[54] **PROCEDE ET COMPOSITION POUR L'AMELIORATION DES CARACTERISTIQUES SENSORIELLES DE LIPIDES SEMISOLIDES A PREDOMINANCE ANHYDRE**
[72] SUESS, HANS R., CH
[71] SUESS, HANS R., CH
[85] 2004-12-01
[86] 2003-03-27 (PCT/IB2003/001700)
[87] 2003-12-18 (WO2003/103624)
[30] US (10/163,523) 2002-06-06

[21] **2,487,962**
[13] A1

[51] **Int.Cl. 7H04Q 11/00**
[25] EN
[54] **A PATH PROTECTION METHOD FOR A WDM NETWORK AND ACCORDING NODE**
[54] **TECHNIQUE DE PROTECTION DE TRAJET DANS UN RESEAU A MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE (MRL) ET NOEUD CORRESPONDANT**
[72] GUILD, KENNETH, GB
[71] MARCONI COMMUNICATIONS GMBH, DE
[85] 2004-11-30
[86] 2003-07-10 (PCT/GB2003/002984)
[87] 2004-01-22 (WO2004/008800)
[30] DE (P10231275.3) 2002-07-10

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[13] A1

[51] **Int.Cl. 7B01D 53/60**
[25] EN
[54] **OXIDATION OF NOX'S WITH SODIUM CHLORITE IN COMBINATION WITH A THERMAL NOX REMOVAL PROCESS**
[54] **OXYDATION DES NOX AU MOYEN DE CHLORITE DE SODIUM, EN COMBINAISON AVEC UN PROCEDE THERMIQUE D'ELIMINATION DE NOX**
[72] YANG, CHEN-LU, US
[72] GU, PIN, US
[72] KNIGHT, DAVID G., US
[72] MCLAUGHLIN, WILLIAM J., US
[72] BALMER, ROBERT G., US
[72] CUNIC, JOHN D., US
[72] SHAW, HENRY, US
[72] TAKACS, THERESA J., US
[72] HURST, BOYD E., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[86] 2003-05-09 (PCT/US2003/014653)
[87] 2003-12-18 (WO2003/103808)
[30] US (60/386,560) 2002-06-05
[30] US (60/386,492) 2002-06-05
[30] US (60/442,268) 2003-01-24

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[51] **Int.Cl. 7B65D 30/22 7A23G 9/20**
[25] EN
[54] **LIQUID STORAGE PACK AND FROZEN DESSERT PRODUCTION UNIT USING THE SAME**
[54] **ENSEMBLE DE STOCKAGE DE LIQUIDE ET UNITE DE PRODUCTION DE DESSERTS CONGELES UTILISANT CELUI-CI**
[72] MAEDA, KAZUYA, JP
[72] IKEMOTO, KOICHIRO, JP
[72] ISHII, TAKESHI, JP
[72] KUROSAWA, TSUYOSHI, JP
[71] SANYO ELECTRIC CO., LTD., JP
[85] 2004-11-30
[86] 2003-07-03 (PCT/JP2003/008456)
[87] 2004-01-29 (WO2004/009463)
[30] JP (2002-210765) 2002-07-19
[30] JP (2002-318299) 2002-10-31

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[13] A1
[51] **Int.Cl. 7B01D 53/60**
[25] EN
[54] **PROCESS FOR REDUCING NOX IN WASTE GAS STREAMS USING CHLORINE DIOXIDE**
[54] **PROCEDE DE REDUCTION DE LA TENEUR EN NOX DANS DES COURANTS DE GAZ RESIDUAIRES AU MOYEN DE DIOXYDE DE CHLORE**
[72] TAKACS, THERESA J., US
[72] CUNIC, JOHN D., US
[72] BALMER, ROBERT G., US
[72] SHAW, HENRY, US
[72] YANG, CHEN-LU, US
[72] GU, PIN, US
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[85] 2004-12-01
[86] 2003-05-09 (PCT/US2003/014654)
[87] 2003-12-18 (WO2003/103809)
[30] US (60/386,560) 2002-06-05
[30] US (60/386,492) 2002-06-05
[30] US (60/442,268) 2003-01-24

[21] **2,487,968**
[13] A1
[51] **Int.Cl. 7A61K 9/22 7A61K 39/00 7A61P 31/04 7A61K 39/08 7A61P 33/10 7A61K 9/54**
[25] EN
[54] **A NOVEL DRUG DOSING REGIMEN**
[54] **NOUVEAU REGIME POSOLOGIQUE DE MEDICAMENTS**
[72] HEATH, DAVID DUNCAN, NZ
[71] AGRESEARCH LIMITED, NZ
[85] 2004-12-01
[86] 2003-06-05 (PCT/NZ2003/000115)
[87] 2003-12-18 (WO2003/103636)
[30] NZ (519363) 2002-06-05

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[13] A1
[51] **Int.Cl. 7C07D 487/14 7A61P 11/00 7A61P 11/06 7A61P 25/06 7C07D 487/22 7A61K 31/4427 7A61K 31/496 7A61K 31/517**
[25] EN
[54] **CALCITONIN GENE RELATED PEPTIDE RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DES RECEPTEURS DU PEPTIDE RELIE AU GENE DE LA CALCITONINE**
[72] CHEN, LING, US
[72] POINDEXTER, GRAHAM, US
[72] VIG, SHIKHA, US
[72] MACOR, JOHN E., US
[72] LUO, GUANGLIN, US
[72] KARAGEORGE, GEORGE N., US
[72] CONWAY, CHARLES MARK, US
[72] DEGNAN, ANDREW P., US
[72] HAN, XIAOJUN, US
[72] CIVIELLO, RITA, US
[72] CHATURVEDULA, PRASAD V., US
[72] DUBOWCHIK, GENE M., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2004-12-01
[86] 2003-05-27 (PCT/US2003/016576)
[87] 2003-12-18 (WO2003/104236)
[30] US (60/386,138) 2002-06-05
[30] US (60/388,617) 2002-06-13
[30] US (60/389,870) 2002-06-19
[30] US (60/393,200) 2002-07-01
[30] US (60/413,534) 2002-09-25

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[13] A1
[51] **Int.Cl. 7C07F 9/38 7C07D 403/06 7A61P 27/06 7A61P 19/10 7C07D 403/12 7C07D 233/32 7A61K 31/4166 7A61K 31/4178 7A61K 31/675**
[25] EN
[54] **1,5-DISUBSTITUTED IMIDAZOLIDIN-2-ONE DERIVATIVES FOR USE AS EP4 RECEPTOR AGONISTS IN THE TREATMENT OF EYE AND BONE DISEASES**
[54] **DERIVES D'IMIDAZOLIDINE-2-ONE DISUBSTITUES EN 1,5 UTILES EN TANT QU'AGONISTES DU RECEPTEUR EP4 DANS LE TRAITEMENT DE TROUBLES OCULAIRES ET DE MALADIES OSSEUSES**
[72] BILLOT, XAVIER, CA
[72] YOUNG, ROBERT N., CA
[71] MERCK FROSST CANADA & CO., CA
[85] 2004-12-01
[86] 2003-06-03 (PCT/CA2003/000842)
[87] 2003-12-18 (WO2003/103664)
[30] US (60/386,641) 2002-06-06

[21] **2,487,978**
[13] A1
[51] **Int.Cl. 7F01D 25/18**
[25] EN
[54] **DUAL INDEPENDENT TANK AND OIL SYSTEM WITH SINGLE PORT FILLING**
[54] **DISPOSITIF A DEUX RESERVOIRS INDEPENDANTS, ET SYSTEME LUBRIFIANT A UN SEUL ORIFICE DE REMPLISSAGE**
[72] BROUILLET, SYLVAIN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[85] 2004-11-30
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[87] 2004-01-29 (WO2004/009962)
[30] US (10/200,755) 2002-07-24

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[13] A1
[51] **Int.Cl. 7A61M 5/142**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING AN INFUSION PUMP**
[54] **SYSTEME ET PROCEDE DESTINES A FAIRE FONCTIONNER UNE POMPE A PERFUSION**
[72] BAIRD, PATRICK D., US
[72] GANUNG, KEN, US
[72] MCNAMARA, PATRICIA L., US
[72] GILLESPIE, JOHN, JR., US
[72] JORDAN, MATTHEW, US
[72] MAYFIELD, MATTHEW, US
[71] BAXTER INTERNATIONAL INC., US
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[86] 2002-11-15 (PCT/US2002/036963)
[87] 2003-12-24 (WO2003/105931)
[30] US (10/172,808) 2002-06-14

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[13] A1
[51] **Int.Cl. 7B65B 43/14 7B65D 30/00**
[25] EN
[54] **PLASTIC BAG AND PACKAGING METHOD USING SAME**
[54] **SAC EN PLASTIQUE ET PROCEDE D'EMBALLAGE AU MOYEN DUDIT SAC**
[72] RABIEA, JEFFREY D., US
[71] RABIEA, JEFFREY D., US
[85] 2004-12-01
[86] 2003-05-30 (PCT/US2003/017032)
[87] 2003-12-24 (WO2003/106269)
[30] US (10/170,522) 2002-06-13

[21] **2,487,982**
[13] A1
[51] **Int.Cl. 7F04D 27/02 7F01D 17/10**
[25] EN
[54] **PNEUMATIC COMPRESSOR BLEED VALVE**
[54] **SOUPAPE PNEUMATIQUE SERVANT A PURGER UN COMPRESSEUR**
[72] CHANDLER, IAN W., CA
[72] BRUNO, VITTORIO, CA
[72] ELEFThERIOU, ANDREAS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[85] 2004-11-30
[86] 2003-07-08 (PCT/CA2003/001012)
[87] 2004-01-29 (WO2004/010004)
[30] US (10/200,461) 2002-07-23

[21] **2,487,983**
[13] A1
[51] **Int.Cl. 7A61K 31/5377 7A61P 35/00**
[25] EN
[54] **METHOD OF TREATING CANCER USING KINASE INHIBITORS**
[54] **METHODE DESTINEE A TRAITER LE CANCER AU MOYEN D'INHIBITEURS DES KINASES**
[72] AGUS, DAVID B., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2004-12-01
[86] 2003-06-04 (PCT/US2003/017565)
[87] 2003-12-18 (WO2003/103676)
[30] US (60/386,622) 2002-06-05

[21] **2,487,986**
[13] A1
[51] **Int.Cl. 7B65D 1/30 7B65D 43/16**
[25] EN
[54] **SEPARABLE CONTAINERS ARRANGED IN ARRAYS WITH INTEGRALLY FORMED LIDS**
[54] **RECIPIENTS SEPARABLES AGENCES EN ENSEMBLES A COUVERCLES FORMES D'UNE SEULE PIECE**
[72] VAN HANDEL, GERALD J., US
[72] WHITMORE, REBECCA E., US
[71] FORT JAMES CORPORATION, US
[85] 2004-12-01
[86] 2003-06-06 (PCT/US2003/017910)
[87] 2003-12-24 (WO2003/106276)
[30] US (60/389,533) 2002-06-18

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[13] A1
[51] **Int.Cl. 7A61B 18/18 7A61B 18/20**
[25] EN
[54] **METHOD AND APPARATUS FOR PHOTOTHERMAL TREATMENT OF TISSUE AT DEPTH**
[54] **METHODE ET APPAREIL DE TRAITEMENT PHOTOTHERMIQUE D'UN TISSU EN PROFONDEUR**
[72] EROFEEV, ANDREI V., US
[72] ZENZIE, HENRY M., US
[72] ALTSHULER, GREGORY B., US
[72] SMIRNOV, MICHAEL Z., RU
[72] BURKE, JAMES, III, US
[72] RADL, ANDREW, US
[72] ANDERSON, R., ROX, US
[72] MANSTEIN, DIETER, US
[71] PALOMAR MEDICAL TECHNOLOGIES, INC., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2004-11-30
[86] 2003-06-19 (PCT/US2003/019474)
[87] 2003-12-31 (WO2004/000150)
[30] US (60/389,871) 2002-06-19

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[13] A1
[51] **Int.Cl. 7C01B 17/02**
[25] EN
[54] **HYDROGEN SULFIDE REMOVAL FROM LIQUID SULFUR**
[54] **ELIMINATION DU SULFURE D'HYDROGENE PRESENT DANS LE SOUFRE LIQUIDE**
[72] DEVENNY, DAVID IAN, CA
[72] SHAPKA, RAYMOND PAUL, CA
[72] CAPONE, MICHAEL ALLEN, US
[72] WU, FRANCIS SUI LUN, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2004-12-01
[86] 2003-06-06 (PCT/US2003/018019)
[87] 2003-12-24 (WO2003/106335)
[30] US (60/388,992) 2002-06-14
[30] US (10/393,782) 2003-03-21

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[51] **Int.Cl. 7A61L 27/36 7A61F 2/24**
[25] EN
[54] **PROCESSED TISSUE FOR MEDICAL DEVICE FORMATION**
[54] **TISSU TRAITE, DESTINE AU FORMAGE DE MATERIEL MEDICAL**
[72] OGLE, MATTHEW F., US
[72] KRUSE, STEVEN D., US
[71] ST. JUDE MEDICAL, INC., US
[85] 2004-12-01
[86] 2003-04-03 (PCT/US2003/010155)
[87] 2003-12-18 (WO2003/103739)
[30] US (10/164,725) 2002-06-06

[21] **2,487,991**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06T 15/00**
[25] EN
[54] **REPRESENTATIONS OF PROCESSES**
[54] **REPRESENTATIONS DE PROCEDES**
[72] BEHRE, CHRISTIAN, DE
[72] CLEMOT, MARTINE, DE
[72] HAGMANN, THOMAS, DE
[72] LANG, ROBERT, DE
[71] SAP AKTIENGESELLSCHAFT, DE
[85] 2004-11-30
[86] 2003-05-30 (PCT/IB2003/002691)
[87] 2003-12-11 (WO2003/102719)
[30] US (10/159,591) 2002-05-31

[21] **2,487,994**
[13] A1

[51] **Int.Cl. 7A61L 24/02 7A61L 27/12**
[25] EN
[54] **HYDRAULIC CEMENT BASED ON CALCIUM PHOSPHATE FOR SURGICAL USE**
[54] **CIMENT HYDRAULIQUE A BASE DE PHOSPHATE DE CALCIUM A USAGE CHIRURGICAL**
[72] BOHNER, MARC, CH
[71] DR. H. C. ROBERT MATHYS STIFTUNG, CH
[85] 2004-11-30
[86] 2003-05-13 (PCT/CH2003/000304)
[87] 2003-12-31 (WO2004/000374)
[30] CH (PCT/CH02/00332) 2002-06-19

[21] **2,487,996**
[13] A1

[51] **Int.Cl. 7A61M 5/145**
[25] EN
[54] **SYRINGE PLUNGER DRIVER SYSTEM**
[54] **SYSTEME DE COMMANDE DE PLONGEUR POUR SERINGUES**
[72] SCHWARTZ, DONALD F., US
[72] KASVIKIS, SPYROS, US
[72] MORRIS, MATTHEW G., US
[71] ALARIS MEDICAL SYSTEMS, INC., US
[85] 2004-12-01
[86] 2003-06-04 (PCT/US2003/017576)
[87] 2003-12-18 (WO2003/103749)
[30] US (10/164,112) 2002-06-05

[21] **2,487,998**
[13] A1

[51] **Int.Cl. 7C09D 7/00**
[25] EN
[54] **COATING COMPOSITIONS WITH MODIFIED PARTICLES AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS DE REVETEMENT A PARTICULES MODIFIEES ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] TYEBJEE, SHIRYN, US
[72] O'DWYER, JAMES B., US
[72] HOCKSWENDER, THOMAS R., US
[72] WHITE, DANIELA, US
[72] WHITE, MICHAEL L., US
[72] MAYO, MICHAEL A., US
[72] SADVARY, RICHARD J., US
[72] ANDERSON, LAWRENCE G., US
[72] POINDEXTER, LAURA E., US
[72] CARNEY, JOSEPH M., US
[72] SCHNEIDER, JOHN R., US
[72] SIMPSON, DENNIS A., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2004-11-30
[86] 2003-05-14 (PCT/US2003/015153)
[87] 2003-12-11 (WO2003/102089)
[30] US (10/160,888) 2002-06-03

[21] **2,487,999**
[13] A1

[51] **Int.Cl. 7G06N 5/02 7G06F 9/44**
[25] EN
[54] **BEHAVIOR-BASED ADAPTATION OF COMPUTER SYSTEMS**
[54] **ADAPTATION DE SYSTEMES INFORMATIQUES EN FONCTION DE DONNEES COMPORTEMENTALES**
[72] HILLER, CHRISTINE, GE
[72] MEISWINKEL, RALPH, DE
[72] SCHOLL, JUERGEN, DE
[72] BRAXTON, DANIEL M., JR., DE
[72] ROHDEMANN, DIRK, DE
[71] SAP AKTIENGESELLSCHAFT, DE
[85] 2004-11-30
[86] 2003-05-30 (PCT/IB2003/002786)
[87] 2003-12-11 (WO2003/102764)
[30] US (10/159,526) 2002-05-31

[21] **2,488,001**
[13] A1

[51] **Int.Cl. 7A61P 27/06 7C07D 403/12 7A61K 31/4015 7A61K 31/41**
[25] EN
[54] **1,5-DISTRIBUTED PYRROLID-2-ONE DERIVATIVES FOR USE AS EP4 RECEPTOR AGONISTS IN THE TREATMENT OF EYE DISEASES SUCH AS GLAUCOMA**
[54] **DERIVES DE PYRROLID-2-ONE 1,5 DISUBSTITUES UTILISES COMME AGONISTES DE RECEPTEUR EP4 POUR TRAITER DES MALADIES OCULAIRES TELLES QUE LE GLAUCOME**
[72] YOUNG, ROBERT N., CA
[72] BILLOT, XAVIER, CA
[72] HAN, YONGXIN, CA
[71] MERCK FROSST CANADA & CO., CA
[85] 2004-12-01
[86] 2003-06-02 (PCT/CA2003/000838)
[87] 2003-12-18 (WO2003/103772)
[30] US (60/386,499) 2002-06-06
[30] US (60/460,134) 2003-04-03

[21] **2,488,002**
[13] A1

[51] **Int.Cl. 7C11D 3/04**
[25] EN
[54] **CLEANING COMPOSITIONS**
[54] **COMPOSITIONS NETTOYANTES**
[72] WILSON, PAUL A., US
[71] WILSON, PAUL A., US
[85] 2004-11-30
[86] 2003-05-30 (PCT/US2003/017109)
[87] 2003-12-11 (WO2003/102120)
[30] US (10/159,637) 2002-05-30

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[21] **2,488,003**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06T 15/00**
[25] EN
[54] **DYNAMIC REPRESENTATIONS OF PROCESSES**
[54] **REPRESENTATION DYNAMIQUE DE PROCESSUS**
[72] LANG, ROBERT, DE
[72] HAGMANN, THOMAS, DE
[72] BEHRE, CHRISTIAN, DE
[72] CLEMOT, MARTINE, DE
[71] SAP AKTIENGESELLSCHAFT, DE
[85] 2004-11-30
[86] 2003-05-30 (PCT/IB2003/002675)
[87] 2003-12-11 (WO2003/102832)
[30] US (10/159,797) 2002-05-31

[21] **2,488,011**
[13] A1
[51] **Int.Cl. 7A61K 31/56 7A61P 17/00 7A61P 17/06 7A61P 37/08 7A61K 47/26 7A61K 47/36 7A61K 47/40**
[25] EN
[54] **EXTERNAL PREPARATIONS FOR TREATING DERMATITIS**
[54] **PREPARATIONS A USAGE EXTERNE POUR LE TRAITEMENT DE LA DERMATITE**
[72] YAMADA, HAJIME, JP
[72] YAMADA, AKIRA, JP
[71] CAC CORPORATION, JP
[85] 2004-11-30
[86] 2002-11-12 (PCT/JP2002/011747)
[87] 2003-12-11 (WO2003/101460)
[30] JP (2002-161000) 2002-06-03

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[13] A1
[51] **Int.Cl. 7A61K 35/14 7C12Q 1/02 7C12N 5/08 7A61K 35/18 7A61K 35/28 7A61K 31/403 7A61K 31/416 7A61K 31/423 7A61K 31/428 7C12Q 1/48 7A61K 31/505**
[25] EN
[54] **METHODS OF USING JNK OR MKK INHIBITORS TO MODULATE CELL DIFFERENTIATION AND TO TREAT MYELOPROLIFERATIVE DISORDERS AND MYELOYDYSPLASTIC SYNDROMES**
[54] **PROCEDES D'UTILISATION D'INHIBITEURS DE JNK OU DE MKK EN VUE DE MODULER LA DIFFERENCIATION CELLULAIRE ET DE TRAITER DES TROUBLES MYELOPROLIFERATIFS ET DES SYNDROMES MYELOYDYSPLASIQUES**
[72] STIRLING, DAVID I., US
[72] HARIRI, ROBERT J., US
[72] ZELDIS, JEROME B., US
[71] CELGENE CORPORATION, US
[85] 2004-11-30
[86] 2003-05-30 (PCT/US2003/017319)
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[30] US (60/384,250) 2002-05-30
[30] US (60/434,833) 2002-12-19

[21] **2,488,016**
[13] A1
[51] **Int.Cl. 7B29C 39/02 7B29B 17/00 7B29C 39/26 7B29C 39/38**
[25] EN
[54] **TECHNIQUE FOR PRODUCING RECYCLED ARTICLE COMPRISING POURING MOLDING OF MOLTEN WASTE PLASTIC**
[54] **TECHNIQUE POUR PRODUIRE DES ARTICLES RECYCLES COMPRENANT LE MOULAGE PAR COULAGE DE DECHETS DE PLASTIQUES EN FUSION**
[72] MATSUO, TOSHIZUMI, JP
[71] JAPAN MATERIAL ENVIRONMENTAL CO. INC., JP
[85] 2004-11-30
[86] 2003-05-27 (PCT/JP2003/006620)
[87] 2003-12-11 (WO2003/101700)
[30] JP (2002-160845) 2002-05-31

[21] **2,488,024**
[13] A1
[51] **Int.Cl. 7B65D 81/36 7G08B 3/10**
[25] EN
[54] **PACKAGE PROVIDED WITH A SOUND-REPRODUCING DEVICE**
[54] **PAQUET DOTE D'UNE FONCTION DE REPRODUCTION DE SONS**
[72] ZHURIN, DMITRY
VYACHESLAVOVICH, RU
[71] LIMITED LIABILITY COMPANY "MARS", RU
[85] 2004-12-01
[86] 2003-05-29 (PCT/RU2003/000244)
[87] 2003-12-18 (WO2003/104108)
[30] RU (2002115075) 2002-06-07

[21] **2,488,026**
[13] A1
[51] **Int.Cl. 7A61K 31/573 7A61P 29/00 7A61P 11/02 7A61K 47/04 7A61P 11/06 7A61P 37/08 7A61K 47/10 7A61K 47/18 7A61K 47/26 7A61K 9/72**
[25] EN
[54] **POWDERY RESPIRATORY TONIC COMPOSITION**
[54] **COMPOSITION TONIQUE RESPIRATOIRE EN POUDRE**
[72] HORIE, TOSHIKI, JP
[72] MIYADAI, NOBUO, JP
[72] OKADA, MINORU, JP
[71] SSP CO., LTD., JP
[85] 2004-11-30
[86] 2003-06-13 (PCT/JP2003/007527)
[87] 2003-12-24 (WO2003/105859)
[30] JP (2002-174402) 2002-06-14

[21] **2,488,028**
[13] A1
[51] **Int.Cl. 7G01S 13/93**
[25] EN
[54] **SENSOR FOR TRANSMITTING AND RECEIVING ELECTROMAGNETIC SIGNALS**
[54] **DETECTEUR D'EMISSION ET DE RECEPTION DE SIGNAUX ELECTROMAGNETIQUES**
[72] MENDE, RALPH, DE
[71] S.M.S. SMART MICROWAVE SENSORS GMBH, DE
[85] 2004-11-30
[86] 2003-07-18 (PCT/DE2003/002417)
[87] 2004-02-26 (WO2004/017093)
[30] DE (102 33 523.0) 2002-07-23

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[13] A1

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[25] EN
[54] **ADSORBENT BED LOADING AND REGENERATION**
[54] **REGENERATION ET CHARGEMENT DE LITS ADSORBANTS**
[72] LIEPA, MARK A., US
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US
[85] 2004-12-01
[86] 2003-05-14 (PCT/US2003/015068)
[87] 2003-12-11 (WO2003/101610)
[30] US (10/161,004) 2002-06-03

[21] **2,488,032**
[13] A1

[51] **Int.Cl. 7C11D 3/37**
[25] EN
[54] **USE OF COPOLYMERS CONTAINING ALKYLENE OXIDE UNITS, AS AN ADDITIVE IN DETERGENTS AND CLEANSERS**
[54] **UTILISATION DE COPOLYMERES CONTENANT DES UNITES D'OXYDE D'ALKYLENE COMME ADJUVANTS DANS DES PRODUITS DETERGENTS**
[72] NIED, STEPHAN, DE
[72] WEINGART, FRANZ, DE
[72] BRODT, GREGOR, DE
[72] MICHL, KATHRIN, DE
[72] BAUM, PIA, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-12-01
[86] 2003-06-04 (PCT/EP2003/005823)
[87] 2003-12-18 (WO2003/104373)
[30] DE (102 25 594.6) 2002-06-07

[21] **2,488,035**
[13] A1

[51] **Int.Cl. 7H05B 37/02**
[25] EN
[54] **ELECTRONIC DIMMING BALLAST FOR COMPACT FLUORESCENT LAMPS**
[54] **BALLAST DE GRADATION ELECTRONIQUE POUR LAMPES FLUORESCENTES COMPACTES**
[72] ARAKKAL, JECKO J., US
[72] MACADAM, RUSSELL L., US
[72] OFFENBACHER, ANDREW RYAN, US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2004-11-30
[86] 2003-05-27 (PCT/US2003/016661)
[87] 2003-12-11 (WO2003/102994)
[30] US (10/160,546) 2002-06-01

[21] **2,488,036**
[13] A1

[51] **Int.Cl. 7G01F 1/66 7G01P 5/24**
[25] EN
[54] **DOPPLER TYPE ULTRASONIC FLOWMETER, FLOW RATE MEASURING METHOD USING DOPPLER TYPE ULTRASONIC FLOWMETER AND FLOW RATE MEASURING PROGRAM USED IN THIS DOPPLER TYPE ULTRASONIC FLOWMETER**
[54] **DEBITMETRE ULTRASONORE DU TYPE DOPPLER, PROCEDE DE MESURE DE DEBIT FAISANT APPEL A UN DEBITMETRE ULTRASONORE DU TYPE DOPPLER, ET PROGRAMME DE MESURE DE DEBIT UTILISE DANS UN TEL DEBITMETRE ULTRASONORE DU TYPE DOPPLER**
[72] MORI, MICHITSUGU, JP
[72] TAKEDA, YASUSHI, JP
[71] TAKEDA, YASUSHI, JP
[71] THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED, JP
[85] 2004-11-30
[86] 2003-06-03 (PCT/JP2003/007030)
[87] 2003-12-11 (WO2003/102513)
[30] JP (2002-163648) 2002-06-04
[30] JP (2002-163651) 2002-06-04
[30] JP (2002-164859) 2002-06-05
[30] JP (2002-164860) 2002-06-05

[21] **2,488,037**
[13] A1

[51] **Int.Cl. 7H05K 7/14 7G06F 1/16 7H05K 7/18 7H05K 7/20**
[25] EN
[54] **METHODS AND APPARATUS FOR MOUNTING COMPUTER COMPONENTS**
[54] **PROCEDES ET APPAREIL PERMETTANT L'ASSEMBLAGE DE COMPOSANTS INFORMATIQUES**
[72] SMITH, JOHN V., US
[72] WYLIE, WILLIAM A., US
[72] HESTER, VICTOR P., US
[71] RACKSAVER INC., US
[85] 2004-11-30
[86] 2003-05-30 (PCT/US2003/017328)
[87] 2003-12-11 (WO2003/103359)
[30] US (60/384,986) 2002-05-31
[30] US (60/384,987) 2002-05-31
[30] US (60/384,996) 2002-05-31
[30] US (60/385,005) 2002-05-31
[30] US (10/449,799) 2003-05-29
[30] US (10/449,691) 2003-05-29
[30] US (10/449,608) 2003-05-29
[30] US (10/448,508) 2003-05-29

[21] **2,488,039**
[13] A1

[51] **Int.Cl. 7A61K 31/78 7A61P 1/00 7A61P 1/10 7A23L 1/304**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION FOR PREVENTIVE AND/OR THERAPEUTIC TREATMENT OF CONSTIPATION AND SYMPTOM RESULTING FROM CONSTIPATION**
[54] **COMPOSITION PHARMACEUTIQUE DESTINE A LA PREVENTION ET/OU AU TRAITEMENT DE LA CONSTIPATION ET DES SYMPTOMES RESULTANT DE LA CONSTIPATION**
[72] UDA, JUN-ICHIRO, JP
[72] INOUE, TADASHI, JP
[72] NAGATA, OSAMU, JP
[72] TANAKA, IPPEI, JP
[72] OKAMOTO, YASUSHI, JP
[72] KURITA, NAOKI, JP
[72] KATO, HIDEO, JP
[72] INOUE, TSUTOMU, JP
[72] NAKANO, HIROYUKI, JP
[71] FUJI YAKUHIN CO., LTD., JP
[85] 2004-11-30
[86] 2003-06-26 (PCT/JP2003/008124)
[87] 2004-01-08 (WO2004/002499)
[30] JP (2002-185790) 2002-06-26
[30] JP (2003-010905) 2003-01-20

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[21] **2,488,041**
[13] A1

[51] **Int.Cl. 7G01N 15/02 7G01N 29/02**
[25] EN
[54] **ULTRASONIC CHARACTERIZATION OF HIGH CONCENTRATION PARTICLES**
[54] **CARACTERISATION ULTRASONORE DE PARTICULES A CONCENTRATION ELEVEE**
[72] VOLKER, ARNO WILLEM
FREDERIK, NL
[72] VERHELST, FREDERIQUE JOSE
PAUL CHRISTIAN MARIE GHISLAIN, NL
[72] BARTSTRA, ROLF WILLEM, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2004-11-30
[86] 2003-05-27 (PCT/NL2003/000393)
[87] 2003-12-11 (WO2003/102550)
[30] NL (1020714) 2002-05-30

[21] **2,488,042**
[13] A1

[51] **Int.Cl. 7B65D 41/42**
[25] EN
[54] **CROWN CORK COMPRISING 27 GROOVES**
[54] **CAPSULE A 27 CANNELURES**
[72] CEDILLO SANCHEZ, JAVIER, MX
[71] TAPON CORONA, S.A. DE C.V., MX
[85] 2004-11-30
[86] 2003-06-04 (PCT/MX2003/000046)
[87] 2003-12-11 (WO2003/101854)
[30] MX (UNKNOWN) 2002-06-04

[21] **2,488,043**
[13] A1

[51] **Int.Cl. 7C08F 210/02 7C08F 4/642**
[25] EN
[54] **HALOGEN SUBSTITUTED CATALYST SYSTEM FOR OLEFIN POLYMERIZATION**
[54] **SYSTEME DE CATALYSE SUBSTITUE PAR HALOGENE POUR POLYMERISATION D'OLEFINES**
[72] CANO, DAVID A., US
[72] HOLTCAMP, MATTHEW W., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2004-11-29
[86] 2003-06-26 (PCT/US2003/020199)
[87] 2004-01-08 (WO2004/003037)
[30] US (10/186,361) 2002-06-28

[21] **2,488,044**
[13] A1

[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **SYSTEM AND METHOD FOR SYNCHRONIZING THE CONFIGURATION OF DISTRIBUTED NETWORK MANAGEMENT APPLICATIONS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE SYNCHRONISER LA CONFIGURATION D'APPLICATIONS DE GESTION DE RESEAU REPARTI**
[72] KORTRIGHT, KRIS, US
[71] TIME WARNER CABLE, A DIVISION OF TIME WARNER ENTERTAINMENT COMPANY, L.P., US
[85] 2004-12-01
[86] 2003-06-06 (PCT/US2003/017911)
[87] 2003-12-18 (WO2003/104930)
[30] US (60/387,517) 2002-06-07
[30] US (10/335,272) 2002-12-31

[21] **2,488,045**
[13] A1

[51] **Int.Cl. 7G01C 25/00 7G01D 18/00 7G05D 9/00 7G06F 19/00**
[25] EN
[54] **INSTANTANEOUS OVERCURRENT ELEMENT FOR HEAVILY SATURATED CURRENT IN A POWER SYSTEM**
[54] **ELEMENT DE SURINTENSITE INSTANTANEE POUR DU COURANT FORTEMENT SATURE DANS UN SYSTEME ELECTRIQUE**
[72] ZOCHOLL, STANLEY E., US
[72] BENMOUYAL, GABRIEL, CA
[72] GUZMAN-CASILLAS, ARMANDO, US
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US
[85] 2004-11-29
[86] 2003-05-20 (PCT/US2003/016098)
[87] 2003-12-11 (WO2003/102506)
[30] US (10/160,428) 2002-05-31

[21] **2,488,050**
[13] A1

[51] **Int.Cl. 7A41D 31/00**
[25] EN
[54] **MOLTEN METAL RESISTANT FABRICS**
[54] **TISSUS RESISTANTS AUX METAUX EN FUSION**
[72] LAVERTY, GENEVIEVE M., CH
[72] BADER, YVES, FR
[72] GHORASHI, HAMID M., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-12-01
[86] 2003-07-01 (PCT/US2003/020645)
[87] 2004-01-08 (WO2004/002254)
[30] US (10/187,557) 2002-07-01

[21] **2,488,051**
[13] A1

[51] **Int.Cl. 7C07C 5/03 7C07C 5/05**
[25] EN
[54] **SELECTIVE HYDROGENATION OF ACETYLENES**
[54] **HYDROGENATION SELECTIVE DES ACETYLENES**
[72] GROTEN, WILLIBRORD A., US
[72] ADAMS, JOHN R., US
[72] RYU, J. YONG, US
[71] CATALYTIC DISTILLATION TECHNOLOGIES, US
[85] 2004-11-29
[86] 2003-06-12 (PCT/US2003/018583)
[87] 2004-02-19 (WO2004/014824)
[30] US (10/215,096) 2002-08-08

[21] **2,488,052**
[13] A1

[51] **Int.Cl. 7C08F 210/02 7C08F 4/642**
[25] EN
[54] **POLYMERIZATION CATALYST ACTIVATORS, METHOD OF PREPARING, AND THEIR USE IN POLYMERIZATION PROCESSES**
[54] **ACTIVATEURS DE CATALYSEURS DE POLYMERISATION, PROCEDE DE PREPARATION DE CES ACTIVATEURS ET LEUR UTILISATION DANS DES OPERATIONS DE POLYMERISATION**
[72] HOLTCAMP, MATTHEW W., US
[72] CANO, DAVID A., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2004-12-01
[86] 2003-05-29 (PCT/US2003/017165)
[87] 2004-01-08 (WO2004/003031)
[30] US (10/186,361) 2002-06-28

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[51] **Int.Cl. 7D01D 5/12 7D02G 1/02 7D02G 3/02 7D01F 8/14 7D02G 3/24 7D01D 5/36**
[25] EN
[54] **POLY(TRIMETHYLENE DICARBOXYLATE) FIBERS, THEIR MANUFACTURE AND USE**
[54] **FIBRES DE POLY(TRIMETHYLENE DICARBOXYLATE), LEUR FABRICATION ET UTILISATION**
[72] CHANG, JING CHUNG, US
[72] KURIAN, JOSEPH V., US
[72] SUBRAMONEY, SHEKHAR, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[87] 2004-01-08 (WO2004/003270)
[30] US (10/183,710) 2002-06-27

[21] **2,488,054**
[13] A1

[51] **Int.Cl. 7G02B 26/08**
[25] EN
[54] **OPTICAL SWITCH**
[54] **COMMUTATEUR OPTIQUE**
[72] UESUGI, TOMOKI, JP
[72] NAKANISHI, YOICHI, JP
[72] FUKUDA, KAZUKI, JP
[71] OMRON CORPORATION, JP
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[87] 2004-01-08 (WO2004/003623)
[30] JP (2002-192368) 2002-07-01

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[51] **Int.Cl. 7G06F 9/00**
[25] EN
[54] **SOFTWARE ATOMIZATION**
[54] **= DE LOGICIELS**
[72] HOSTETTER, MATHEW J., US
[72] HARRISON, BENJAMIN R., US
[71] CURL CORPORATION, US
[85] 2004-12-01
[86] 2003-06-03 (PCT/US2003/017561)
[87] 2003-12-11 (WO2003/102759)
[30] US (10/161,964) 2002-06-03

[21] **2,488,059**
[13] A1

[51] **Int.Cl. 7A61K 35/00 7A61K 48/00**
[25] EN
[54] **NON-POLYMERIC HEMATOPOIETIC CELL CLOTS FOR DELIVERY OF ACTIVE AGENTS**
[54] **AMAS CELLULAIRES HEMATOPOIETIQUES NON-POLYMERES POUR LA DISTRIBUTION D'AGENTS ACTIFS**
[72] EVANS, CHRISTOPHER, US
[72] PALMER, GLYN, US
[72] GHIVIZZANI, STEVEN, US
[72] PASCHER, ARNULF, AT
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[87] 2003-12-18 (WO2003/104402)
[30] US (60/386,870) 2002-06-06

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[51] **Int.Cl. 7C22C 33/04 7C21C 7/00 7C22C 35/00 7C21C 5/35 7C21C 5/46 7C21C 5/52**
[25] EN
[54] **REFINING FERROALLOYS**
[54] **PROCEDE DE RAFFINAGE DE FERRO-ALLIAGES**
[72] CAMERON, ANDREW MILLER, GB
[72] FELDERMANN, CHRISTIAN JUAN, GB
[71] THE BOC GROUP PLC, GB
[85] 2004-12-01
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[87] 2003-12-18 (WO2003/104508)
[30] GB (0213376.7) 2002-06-11

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[51] **Int.Cl. 7D21C 11/12**
[25] EN
[54] **SYSTEM FOR PRODUCING ENERGY AT A PULP MILL**
[54] **SYSTEME DE PRODUCTION D'ENERGIE POUR USINE DE PATE A PAPIER**
[72] ARPALAHTI, OLLI, FI
[72] SIMONEN, JORMA, US
[72] SAVIHARJU, KARI, FI
[72] KOIVISTO, LASSE, FI
[71] ANDRITZ OY, FI
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[87] 2003-12-18 (WO2003/104547)
[30] US (60/386,434) 2002-06-07

[21] **2,488,063**
[13] A1

[51] **Int.Cl. 7C10B 31/08 7C10B 33/00**
[25] EN
[54] **METHOD FOR FILLING A HORIZONTAL FLUE COKING OVEN**
[54] **PROCEDE DE CHARGEMENT D'UN FOUR DE COKEFACTION A CREUSET HORIZONTAL**
[72] POLYAKOV, ANATOLY, DE
[72] BAST, CLAUS-JUERGEN, DE
[72] SCHUECKER, FRANZ-JOSEF, DE
[72] KOLASSA, OLIVER, DE
[72] SCHOLTEN, JAN, DE
[71] THYSSENKRUPP ENCOKE GMBH, DE
[85] 2004-12-01
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[30] DE (102 32 279.1) 2002-07-16

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[13] A1

[51] **Int.Cl. 7C08B 37/10 7C08B 37/00 7C08B 37/08**
[25] EN
[54] **PROCESS FOR THE PHYSICAL DEPOLYMERIZATION OF GLYCOSAMINOGLYCANES AND PRODUCTS OBTAINED THEREFROM**
[54] **PROCEDE DE DEPOLYMERISATION PHYSIQUE DE GLYCOSAMINOGLYCANES ET PRODUITS AINSI OBTENUS**
[72] DE AMBROSI, LUIGI, IT
[72] IANNAcone, NICOLA, IT
[72] GONELLA, SERGIO, IT
[72] NESTI, SOLITARIO, IT
[72] VISMARA, ELENA, IT
[72] TORRI, GIANGIACOMO, IT
[71] LABORATORI DERIVATI ORGANICI S.P.A., IT
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[30] IT (MI2002A001372) 2002-06-21

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[13] A1

[51] **Int.Cl. 7C09K 7/06 7E21B 43/25**
[25] EN
[54] **METHOD FOR REDUCING SAG IN DRILLING, COMPLETION AND WORKOVER FLUIDS**
[54] **PROCEDE PERMETTANT DE REDUIRE LA COULURE DANS DES FLUIDES DE FORAGE, DE COMPLETION ET DE RECONDITIONNEMENT**
[72] TEMPLE, COLIN, GB
[72] PATERSON, ANDREW FORBES, GB
[72] LEITH, CHRISTOPHER DUNCAN, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[30] 2004-12-01
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[87] 2003-12-31 (WO2004/000968)
[30] US (10/175,256) 2002-06-19

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[13] A1

[51] **Int.Cl. 7C08L 83/04 7C08J 5/18 7C08G 77/42**
[25] EN
[54] **POLYSILOXANE FILM AND PROCESS FOR PRODUCING THE SAME**
[54] **FILM POLYSILOXANE ET SON PROCEDE DE PRODUCTION**
[72] KUSHIBIKI, NOBUO, JP
[72] SUTO, MICHITAKA, JP
[72] KATSOLIS, DIMITRIS ELIAS, JP
[71] DOW CORNING ASIA LTD., JP
[85] 2004-12-01
[86] 2003-06-05 (PCT/JP2003/007154)
[87] 2003-12-18 (WO2003/104329)
[30] JP (2002-164194) 2002-06-05
[30] JP (2002-164195) 2002-06-05

[21] **2,488,093**
[13] A1

[51] **Int.Cl. 7E04H 1/00**
[25] EN
[54] **TRIANGULAR STACKABLE BUILDING WALL MODULE & METHOD**
[54] **MODULE DE PAROI DE BATIMENT EMPILABLE ET TRIANGULAIRE ET PROCEDE ASSOCIE**
[72] SHERMAN, BRIAN J., US
[71] SHERMAN, BRIAN J., US
[85] 2004-12-01
[86] 2003-06-02 (PCT/US2003/017235)
[87] 2003-12-11 (WO2003/102329)
[30] US (10/162,000) 2002-06-04

[21] **2,488,094**
[13] A1

[51] **Int.Cl. 7F42D 1/06**
[25] EN
[54] **TIMED PYRIC CHAIN APPARATUS FOR THE IGNITION OF PYROTECHNICAL FIREWORKS**
[54] **APPAREIL DE CHAINE DE MISE A FEU SYNCHRONISEE DESTINE A L'ALLUMAGE DE SPECTACLES PYROTECHNIQUES**
[72] MONETTI, CARLO, IT
[72] MONETTI, LUIGI LEONE PAOLO, IT
[71] MONETTI, CARLO, IT
[71] MONETTI, LUIGI LEONE PAOLO, IT
[85] 2004-12-01
[86] 2003-06-24 (PCT/IT2003/000393)
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[30] IT (GR2002A000002) 2002-06-25

[21] **2,488,095**
[13] A1

[51] **Int.Cl. 7E05B 73/00**
[25] EN
[54] **ANTI-THEFT DEVICE**
[54] **DISPOSITIF ANTIVOL**
[72] HOLMGREN, BERTIL, SE
[71] MW SECURITY AB, SE
[85] 2004-12-01
[86] 2003-06-04 (PCT/SE2003/000902)
[87] 2003-12-11 (WO2003/102336)
[30] SE (0201683-0) 2002-06-04

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[13] A1

[51] **Int.Cl. 7D01F 6/00**
[25] EN
[54] **POLY(TRIMETHYLENE TEREPHTHALATE) BICOMPONENT FIBERS**
[54] **FIBRES BICOMPOSEES POLY(TRIMETHYLENE TEREPHTHALATE)**
[72] KURIAN, JOSEPH V., US
[72] MILLER, RAY W., US
[72] CHANG, JING CHUNG, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-12-01
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[87] 2004-05-27 (WO2004/044286)
[30] US (10/287,975) 2002-11-05

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[13] A1

[51] **Int.Cl. 7H04M 3/493 7G10L 15/22**
[25] EN
[54] **SPEECH DIALOGUE SYSTEMS WITH REPAIR FACILITY**
[54] **SYSTEMES DE DIALOGUE VOCAL**
[72] MCINNES, FERGUS ROBERT, GB
[72] DURSTON, PETER JOHN, GB
[72] ATTWATER, DAVID JOHN, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-12-01
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[30] EP (02254354.0) 2002-06-21

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[13] A1

[51] **Int.Cl. 7A41D 13/12 7A61F 7/00 7A41D 13/005 7A61B 19/00**
[25] EN
[54] **HEAT-EMITTING PATIENT GARMENT**
[54] **VETEMENT A EMISSION DE CHALEUR POUR PATIENT**
[72] MALMBERG, ANGELICA, SE
[72] GELLERSTEDT, FREDRIK, SE
[72] RAUK BERGSTROEM, TINA, SE
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2004-12-01
[86] 2003-06-27 (PCT/SE2003/001132)
[87] 2004-01-15 (WO2004/004500)
[30] SE (0202079-0) 2002-07-03

[21] **2,488,100**
[13] A1

[51] **Int.Cl. 7H04N 3/15**
[25] EN
[54] **MULTI-FORMAT CAMERA HEAD**
[54] **BLOC DE CAMERA MULTIFORMAT**
[72] CENTEN, PETRUS GIJSBERTUS MARIA, NL
[71] THOMSON LICENSING S.A., FR
[85] 2004-12-01
[86] 2003-05-27 (PCT/EP2003/050200)
[87] 2003-12-18 (WO2003/105462)
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[21] **2,488,102**
[13] A1
[51] **Int.Cl. 7A61K 31/045 7A61K 31/05 7A61K 31/07**
[25] EN
[54] **INFANT FORMULA COMPOSITIONS CONTAINING LUTEIN AND ZEAXANTHIN**
[54] **COMPOSITIONS POUR NOURRISSONS A BASE DE LUTEINE ET DE ZEAXANTHINE**
[72] ZIMMER, JOHN PAUL, US
[71] WYETH, US
[85] 2004-12-02
[86] 2003-06-05 (PCT/US2003/017590)
[87] 2003-12-18 (WO2003/103646)
[30] US (60/386,351) 2002-06-06

[21] **2,488,103**
[13] A1
[51] **Int.Cl. 7C09J 151/00 7C08F 263/04**
[25] EN
[54] **ONE-PART WOODWORKING ADHESIVE COMPOSITION**
[54] **COMPOSITION ADHESIVE MONOCOMPOSANT POUR TRAVAIL DU BOIS**
[72] LEHMAN, NICHOLAS C., US
[72] RHEIN, SCOTT W., US
[72] ANDERSON, JOHN T., US
[71] H.B. FULLER LICENSING & FINANCING, INC., US
[85] 2004-12-01
[86] 2003-07-01 (PCT/US2003/020930)
[87] 2004-01-15 (WO2004/005417)
[30] US (10/191,768) 2002-07-08
[30] US (10/259,114) 2002-09-26

[21] **2,488,104**
[13] A1
[51] **Int.Cl. 7A61C 15/00**
[25] EN
[54] **COATED MICROMESH DENTAL DEVICES OVERCOATED WITH IMBEDDED PARTICULATE**
[54] **APPAREILS DENTAIRES REVETUS A MICRO-MAILLES RECOUVERTS D'ABRASIFS PARTICULAIRES**
[72] BROWN, DALE G., US
[72] HILL, IRA D., US
[72] SCHWEIGERT, MICHAEL R., US
[71] INTERNATIONAL TAPE PARTNERS, LLC., US
[85] 2004-12-01
[86] 2003-10-30 (PCT/US2003/034612)
[87] 2004-07-22 (WO2004/060198)
[30] US (10/331,800) 2002-12-30

[21] **2,488,106**
[13] A1
[51] **Int.Cl. 7E21B 19/22 7B65H 75/14**
[25] EN
[54] **DEEP-WELL, CONTINUOUS-COILED-TUBING APPARATUS AND METHOD OF USE**
[54] **PUITS PROFOND, APPAREIL A TUYAU HELICOIDAL CONTINU ET PROCEDE D'UTILISATION**
[72] HILL, GILMAN A., US
[71] HILL, GILMAN A., US
[85] 2004-12-01
[86] 2003-06-06 (PCT/US2003/017904)
[87] 2003-12-18 (WO2003/104613)
[30] US (60/387,073) 2002-06-06

[21] **2,488,107**
[13] A1
[51] **Int.Cl. 7C08G 18/10 7C08G 18/48**
[25] EN
[54] **PROCESS FOR PREPARING A MOULDED POLYURETHANE MATERIAL**
[54] **PROCEDE POUR PREPARER UNE MATIERE POLYURETHANE MOULEE**
[72] BLEYS, GERHARD JOZEF, BE
[72] INDESTEEGE, JOHAN, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2004-11-30
[86] 2003-06-12 (PCT/EP2003/006180)
[87] 2004-01-08 (WO2004/003046)
[30] EP (02014526.4) 2002-07-01

[21] **2,488,108**
[13] A1
[51] **Int.Cl. 7A61K 31/7068 7A61K 9/14**
[25] EN
[54] **LIQUID FORMULATION OF DECITABINE AND USE OF THE SAME**
[54] **PREPARATION LIQUIDE DE DECITABINE ET SES UTILISATIONS**
[72] JOSHI-HANGAL, RAJASHREE, US
[72] ZHANG, XICHEN, US
[72] GONG, STEPHANIE, US
[72] GORE, ASHOK Y., US
[72] REDKAR, SANJEEV, US
[71] SUPERGEN, INC., US
[85] 2004-12-02
[86] 2003-05-30 (PCT/US2003/017293)
[87] 2003-12-18 (WO2003/103687)
[30] US (10/164,276) 2002-06-05

[21] **2,488,111**
[13] A1
[51] **Int.Cl. 7A23L 1/30**
[25] EN
[54] **BEVERAGES CONTAINING PLANT STEROLS**
[54] **BOISSONS CONTENANT DES STEROLS VEGETAUX**
[72] LERCHENFELD, ERICH P., US
[72] STRIEGEL, DONALD E., US
[71] THE COCA-COLA COMPANY, US
[85] 2004-12-01
[86] 2003-06-11 (PCT/US2003/018289)
[87] 2003-12-24 (WO2003/105611)
[30] US (60/387,574) 2002-06-12

[21] **2,488,112**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **APPARATUS AND METHOD CONFIGURABLE FOR LOCAL JURISDICTIONS THAT FACILITATES DETERMINING TAXES**
[54] **APPAREIL ET PROCEDE CONFIGURABLES DESTINES A DES JURIDICTIONS LOCALES ET FACILITANT LA DETERMINATION DE TAXES**
[72] FITENI, ALEXANDER, US
[72] WILLIAM, ISAAC, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2004-12-01
[86] 2003-07-10 (PCT/US2003/021833)
[87] 2004-02-05 (WO2004/012035)
[30] US (60/398,769) 2002-07-26

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[13] A1

[51] **Int.Cl. 7C07D 295/08 7A61K 31/495**
[25] EN
[54] **POLYMORPHIC FORMS OF DIHYDROCHLORIDE SALTS OF CETIRIZINE AND PROCESSES FOR PREPARATION THEREOF**
[54] **FORMES POLYMORPHES DE SELS DE DIHYDROCHLORURE DE CETIRIZINE ET PROCESSUS DE PREPARATIONS DE CES FORMES**
[72] REDDY, MANNE
SATYANARAYANA, IN
[72] SRINIVASAN, THIRUMALAI
RAJAN, IN
[72] JOGA, RAJENDER, IN
[72] VADDADI, PATTABHI RAMAYYA, IN
[72] UPPALA, VENKATA BHASKARA RAO, IN
[71] DR. REDDY'S LABORATORIES LIMITED, IN
[71] DR. REDDY'S LABORATORIES, INC., US
[85] 2004-12-01
[86] 2003-12-04 (PCT/US2003/038494)
[87] 2004-06-17 (WO2004/050647)
[30] IN (908/MAS/2002) 2002-12-04

[21] **2,488,115**
[13] A1

[51] **Int.Cl. 7G09B 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR THE SELECTION OF ORAL CARE CHEMISTRY**
[54] **PROCEDE ET APPAREIL DESTINES A LA SELECTION DE SUBSTANCES CHIMIQUES DE SOINS ORAUX**
[72] HEALEY, PATRICK JOHN, US
[72] WRIGHT, SCOTT MATTHEW, US
[72] VILTRO, LOUIS JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-12-01
[86] 2003-07-09 (PCT/US2003/021327)
[87] 2004-02-05 (WO2004/012169)
[30] US (10/205,232) 2002-07-25

[21] **2,488,116**
[13] A1

[51] **Int.Cl. 7H05K 3/18 7C23C 18/16**
[25] EN
[54] **METALLISED PARTS MADE FROM PLASTIC MATERIAL**
[54] **PIECES METALLISEES A BASE DE MATIERE PLASTIQUE**
[72] FARES-KARAM, ANTOINE, FR
[71] FCI, FR
[85] 2004-11-30
[86] 2003-06-06 (PCT/EP2003/050218)
[87] 2003-12-18 (WO2003/105548)
[30] FR (0206955) 2002-06-06

[21] **2,488,117**
[13] A1

[51] **Int.Cl. 7C07D 413/10**
[25] EN
[54] **1-((5-ARYL-1,2,4-OXADIAZOL-3-YL)BENZYL)AZETIDINE-3-CARBOXYLATES AND 1-((5-ARYL-1,2,4-OXADIAZOL-3-YL)BENZYL)PYRROLIDINE-3-CARBOXYLATES AS EDG RECEPTOR AGONISTS**
[54] **1-((5-ARYL-1,2,4-OXADIAZOL-3-YL)BENZYL)AZETIDINE-3-CARBOXYLATES ET 1-((5-ARYL-1,2,4-OXADIAZOL-3-YL)BENZYL)PYRROLIDINE-3-CARBOXYLATES UTILISES EN TANT QU'AGONISTES DU RECEPTEUR EDG**
[72] HALE, JEFFREY J., US
[72] LI, ZHEN, US
[72] MILLS, SANDER G., US
[72] LYNCH, CHRISTOPHER L., US
[72] NEWAY, WILLIAM E., III, US
[72] CHEN, WEIRONG, US
[71] MERCK & CO., INC., US
[85] 2004-12-01
[86] 2003-06-16 (PCT/US2003/018852)
[87] 2003-12-24 (WO2003/105771)
[30] US (60/389,173) 2002-06-17

[21] **2,488,118**
[13] A1

[51] **Int.Cl. 7A61B 17/02 7A61M 39/02**
[25] EN
[54] **WOUND RETRACTOR**
[54] **ECARTEUR**
[72] KALE, HENRY, US
[72] BRUSTAD, JOHN R., US
[72] BOWES, ROBERT R., II, US
[72] NGUYEN, ERIC, US
[72] SAKAKINE, GHASSAN, US
[72] GADBERRY, DONALD L., US
[72] JOHNSON, GARY M., US
[72] HART, CHARLES C., US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2004-12-02
[86] 2003-06-03 (PCT/US2003/017389)
[87] 2003-12-18 (WO2003/103548)
[30] US (60/386,159) 2002-06-05
[30] US (60/415,351) 2002-10-02

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[13] A1

[51] **Int.Cl. 7C09J 167/04 7C08K 3/00 7C09J 175/04 7C09J 123/08**
[25] EN
[54] **THERMOPLASTIC STIFFENING MATERIAL USED FOR MANUFACTURING SHOES, AND A METHOD FOR THE PRODUCTION THEREOF**
[54] **MATERIAU RIGIDIFIANT S'UTILISANT DANS LA FABRICATION DE CHAUSSURES ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] FREY, STEFAN, DE
[72] WILDING, EMIL, DE
[72] FATH, MARKUS, DE
[71] BK GIULINI GMBH, DE
[85] 2004-11-30
[86] 2004-03-27 (PCT/EP2004/003300)
[87] 2004-10-21 (WO2004/090061)
[30] DE (103 16 17.3) 2003-04-11

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[13] A1
[51] **Int.Cl. 7A61K 31/473 7A61P 25/28**
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[25] EN
[54] **MEDICINAL COMPOSITIONS IMPROVING BRAIN FUNCTION AND METHOD FOR IMPROVING BRAIN FUNCTION**
[54] **COMPOSITIONS MEDICINALES AMELIORANT LE FONCTIONNEMENT DU CERVEAU, ET PROCEDE POUR AMELIORER LE FONCTIONNEMENT DU CERVEAU**
[72] ONO, SATOSHI, JP
[72] NAKADA, YASUSHI, JP
[72] NAKAGAWA, MASAYA, JP
[71] TOYAMA CHEMICAL CO. LTD., JP
[85] 2004-12-01
[86] 2003-04-03 (PCT/JP2003/004292)
[87] 2003-12-24 (WO2003/105830)
[30] JP (2002-173483) 2002-06-14

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[13] A1
[51] **Int.Cl. 7C08F 283/06 7C08G 65/00**
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[25] EN
[54] **MICELLE ASSEMBLIES**
[54] **ASSEMBLAGES DE MICELLES**
[72] TIAN, LU, US
[72] UHRICH, KATHRYN E., US
[71] RUTGERS, THE STATE UNIVERSITY, US
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[72] CHEN, JIANMING, CN
[72] LI, HUILIANG, CN
[72] LIN, HUIFEN, CN
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[72] WEI, SHAOMIN, CN
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[54] **SYSTEME D'EPURATEUR CYCLONE**
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[71] FLOW DYNAMICS AS, NO
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[54] **METHOD AND APPARATUS FOR CASTING A HOLLOW-CORE CONCRETE PRODUCT**
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[72] SEPPAENEN, AIMO, FI
[71] CONSOLIS TECHNOLOGY OY AB, FI
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[54] **TRAITEMENT DE LA DEPRESSION ET DE L'ANXIETE PAR LA COMBINAISON D'UN INHIBITEUR DE PDE IV ET D'UN ANTIDEPRESSEUR OU AGENT ANXIOLYTIQUE**
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[72] SOBOLOV-JAYNES, SUSAN BETH, US
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[54] **CATALYST COMPOSITION AND POLYMERIZATION PROCESS USING MIXTURES OF SELECTIVITY CONTROL AGENTS**
[54] **COMPOSITION CATALYTIQUE ET PROCEDE DE POLYMERISATION UTILISANT DES MELANGES CONSTITUES D'AGENTS DE REGULATION DE SELECTIVITE**
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[72] CHEN, LINFENG, US
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[71] POLATIS LTD., GB
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[54] **METHODES ET COMPOSITIONS PERMETTANT DE MODULER L'ACTIVITE DE TRANSPORT DU GLUTAMATE DANS LE SYSTEME NERVEUX**
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[54] **INHIBITION DE L'EPUISEMENT EN PRODUITS METALLIQUES PRECIEUX DE SOLUTIONS DE LIXIVIATION DEJA ENRICHIES**
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[72] PEREZ, LIBARDO A., US
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[54] **PROCEDE DE PYROLYSE D'UNE MASSE PYROLYSABLE**
[72] WAGENAAR, BERTUS MICHIEL, NL
[72] VENDERBOSCH, ROBERTUS HENDRIKUS, NL
[72] FLORIJN, JAN HENDRIK, NL
[72] GANSEKOELE, ELWIN, NL
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[54] **COMPRESSE PLIABLE DE COLLECTE ET D'ABSORPTION DE LIQUIDES**
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[71] ALPHA SCIENTIFIC CORPORATION, US
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[54] **SYSTEME ET PROCEDE DE COMMUNICATION DE DONNEES ENTRE RESEAUX UTILISANT DIFFERENTS PROTOCOLES**
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[71] MARCONI UK INTELLECTUAL PROPERTY LIMITED, GB
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[71] DRESSER, INC., US
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[54] **PREPARATIONS POUR LA CAVITE BUCCALE**
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[72] NAKAO, AKIRA, JP
[71] SUNSTAR KABUSHIKI KAISHA, JP
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[72] WATSON, DAVID E., US
[72] VEDULLAPALLI, CHAITRA, US
[71] ORACLE INTERNATIONAL CORPORATION, US
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[54] **DERIVE AMINOBENZAMIDE**
[72] EIKI, JUNICHI, JP
[72] NAGATA, YASUFUMI, JP
[72] NISHIMURA, TERUYUKI, JP
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[54] **PILE A COMBUSTIBLE**
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[72] NAKAMURA, SHIN, JP
[72] SHIMAKAWA, YUICHI, JP
[72] IMAI, HIDETO, JP
[72] WATANABE, SUGURU, JP
[72] KUROSHIMA, SADANORI, JP
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[72] YOSHITAKE, TSUTOMU, JP
[72] MANAKO, TAKASHI, JP
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[54] **PEDALE D'ACCELERATEUR**
[72] NEBUYA, HIDETO, JP
[72] SUGIYAMA, TAKASHI, JP
[72] NOMURA, SHIGEKI, JP
[72] SAKURABA, TOMOHIRO, JP
[72] KITAMURA, TOSHIMI, JP
[72] KATO, TERUO, JP
[72] TERASAKI, KOJI, JP
[72] ABE, TOMOAKI (DECEASED), JP
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[54] **SYSTEME DE REVETEMENT DE PROTECTION CONTENANT UN INHIBITEUR DE CORROSION**
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[72] PILVELAIT, BRUCE R., US
[72] BREEDLOVE, JEFFREY J., US
[71] CREATE INC., US
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[54] **PILE A COMBUSTIBLE DE TYPE A ALIMENTATION EN CARBURANT LIQUIDE**
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[72] SHIMAKAWA, YUICHI, JP
[72] MANAKO, TAKASHI, JP
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[72] KUROSHIMA, SADANORI, JP
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[72] NAKAMURA, SHIN, JP
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[54] **SEPARATEUR POUR SFOC PRESENTANT DES PASSAGES D'ECOULEMENT INTERNES DE GAZ REACTIF**
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[71] HONDA GIKEN KABUSHIKI KAISHA, JP
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[72] COLLADO CANO, IVAN, US
[72] BLANCOURGOITI, JAIME GONZALO, US
[72] MONN, JAMES ALLEN, US
[72] PEDREGAL-TERCERO, CONCEPCION, ES
[72] MOHER, ERIC DAVID, US
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[54] **SUPPORT POLYMERE PRESENTANT DES NOUVELLES STRUCTURES DE PORES**
[72] MORRISON, MICHAEL, SE
[72] PALMGREN, RONNIE, SE
[72] BUSSON, PHILIPPE, SE
[71] AMERSHAM BIOSCIENCES AB, SE
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[54] **FILM RAINURE INTERIEUREMENT, EMBALLAGE ET PROCEDES DE FABRICATION**
[72] BUELOW, DUANE, H., US
[72] HODSON, JAY, D., US
[72] PERRE, CHAD, US
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[25] EN
[54] **BOX HAVING A MULTILENS STAR DECORATION AND METHOD FOR MAKING SAME**
[54] **BOITE A ETOILES A LENTILLES MULTIPLES ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] KEBERLEIN, GERALD J., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **VULCANISATS AU SILICONE ELASTOMERE DE FLUOROCARBURE**
[72] TONGE, LAUREN, US
[72] ROMENESKO, DAVID, US
[72] WARREN, STEPHEN, US
[72] CHORVATH, IGOR, US
[72] KWAN, KERMIT, US
[71] DOW CORNING CORPORATION, US
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[54] **VULCANISATS DE SILICONE ELASTOMERE FLUOROCARBONE**
[72] KWAN, KERMIT, US
[72] ROMENESKO, DAVID, US
[72] KIM, YUNG, US
[72] TONGE, LAUREN, US
[72] GORNOWICZ, GERALD, US
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[54] **DISPOSABLE BAKEWARE WITH IMPROVED DRIP RESISTANCE AT ELEVATED TEMPERATURES**
[54] **USTENSILE DE CUISSON JETABLE A RESISTANCE A L'EGOUTTEMENT AMELIOREE A DES TEMPERATURES ELEVEES**
[72] MCREYNOLDS, KENT B., US
[72] BROWN, THAYER A., JR., US
[72] TRENT, JOHN S., US
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[71] S.C. JOHNSON HOME STORAGE, INC., US
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[54] **METHOD AND APPARATUS FOR MAKING PLATE-LIKE FIBER-REINFORCED PRODUCTS**
[54] **PROCEDE ET DISPOSITIF SERVANT A FABRIQUER DES PRODUITS PLATS RENFORCES PAR FIBRES**
[72] MOON, DAVID, US
[72] BLOMQVIST, MIKAEL, FI
[71] FASEC OY, FI
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[54] **PROCEDE DE PRODUCTION DE GAZ CONTENANT DE L'HYDROGENE**
[72] HARTH, KLAUS, DE
[72] HOELZLE, MARKUS, DE
[72] WESSEL, HELGE, DE
[71] BASF AKTIENGESSELLSCHAFT, DE
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[25] EN
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[54] **PROCEDE DE CONCEPTION D'UN ARTICLE EN PLASTIQUE PRESENTANT L'APPARENCE VOULUE**
[72] DEDEYNE, EVELIEN M., BE
[72] BROEKAART, EDUARDUS L.L., NL
[72] CAREY, PATRICK A., US
[72] DEN DOELDER, CORNELIS F.J., NL
[72] TORFS, JAN C., NL
[71] DOW GLOBAL TECHNOLOGIES INC., US
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[51] **Int.Cl. 7B29C 49/18 7B65D 1/00 7B29C 49/22**
[25] EN
[54] **SYNTHETIC RESIN CONTAINER EXCELLENT IN FUNCTIONAL CHARACTERISTICS AND PRODUCTION METHOD THEREFOR**
[54] **RECIPIENT EN RESINE SYNTHETIQUE POSSEDANT D'EXCELLENTEES CARACTERISTIQUES FONCTIONNELLES ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] ASAI, NAO, JP
[72] UESUGI, DAISUKE, JP
[72] SUZUKI, MASATO, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
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[86] 2002-06-05 (PCT/JP2002/005561)
[87] 2003-12-18 (WO2003/103928)

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[54] **INHIBITORS OF THE GPIB -VWF INTERACTION, THEIR PREPARATION AND USE**
[54] **INHIBITEURS DE L'INTERACTION GPIB -VWF, PREPARATION ET UTILISATION**
[72] FUKUCHI, NAOYUKI, JP
[72] SAKURAI, KUNIYA, JP
[72] KLINGLER, OTMAR, DE
[72] JUST, MELITTA, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[71] AJINOMOTO CO., INC. PHARMACEUTICAL COMPANY, JP
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[51] **Int.Cl. 7G06F 17/60**
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[54] **PROCEDE DE CHARGEMENT DE CHANGEMENTS DE PLANNINGS DE VOL**
[54] **METHOD FOR LOADING FLIGHT SCHEDULE MODIFICATIONS**
[72] ARNOUX-PROST, RENAUD, FR
[72] FAUSER, DIETMAR, FR
[72] HUBIN, EDOUARD, FR
[71] AMADEUS S.A.S., FR
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[30] FR (0207458) 2002-06-18
[30] US (60/444,624) 2003-02-04

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[51] **Int.Cl. 7A61C 3/00**
[25] EN
[54] **ORTHODONTIC APPLIANCE WITH EMBEDDED WIRE FOR MOVING TEETH AND METHOD**
[54] **APPAREIL ORTHODONTIQUE A FIL INTEGRE POUR DEPLACER DES DENTS ET PROCEDE ASSOCIE**
[72] CRONAUER, EDWARD A., US
[71] CRONAUER, EDWARD A., US
[85] 2004-11-30
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[51] **Int.Cl. 7G06F 17/60**
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[54] **MARKDOWN MANAGEMENT**
[54] **GESTION DE DEMARQUAGE**
[72] WOO, JONATHAN W., US
[71] PROFITLOGIC, INC., US
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[87] 2003-12-18 (WO2003/105053)
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[51] **Int.Cl. 7C08F 4/69 7C08F 2/00 7C08F 10/02**
[25] EN
[54] **POLYMERIZATION PROCESS**
[54] **PROCEDE DE POLYMERISATION**
[72] LIN, ZERONG, US
[72] KATZEN, STANLEY J., US
[72] ROGER, SCOTT T., US
[72] SPECA, ANTHONY N., US
[72] KENDRICK, JAMES A., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2004-12-02
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[30] US (60/389,179 (CIP)) 2002-06-17

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[51] **Int.Cl. 7B60G 17/04 7B60G 21/06 7B60G 21/067 7B60G 21/073**
[25] EN
[54] **SUSPENSION SYSTEM FOR A VEHICLE**
[54] **SYSTEME DE SUSPENSION DESTINE A UN VEHICULE**
[72] RAUTENBACH, MARTHINUS WESSEL, ZA
[71] RAUTENBACH, MARTHINUS WESSEL, ZA
[85] 2004-12-02
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[30] ZA (ZA2002/4447) 2002-06-04

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[13] A1

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[25] EN
[54] **1-ARYL-4-SUBSTITUTED PIPERAZINES DERIVATIVES FOR USE AS CCR1 ANTAGONISTS FOR THE TREATMENT OF INFLAMMATION AND IMMUNE DISORDERS**
[54] **DERIVES DE PIPERAZINES 1-ARYL-4-SUSBTITUES UTILISES EN TANT QU'ANTAGONISTES DU CCR1 DANS LE TRAITEMENT DE L'INFLAMMATION ET DES TROUBLES IMMUNITAIRES**
[72] MCMASTER, BRIAN E., US
[72] DAIRAGHI, DANIEL JOSEPH, US
[72] SEN, SUBRABRATA, US
[72] WRIGHT, J. J. KIM, US
[72] AGGEN, JAMES B., US
[72] PENNELL, ANDREW M. K., US
[71] CHEMOCENTRYX, INC., US
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[86] 2003-06-11 (PCT/US2003/018660)
[87] 2003-12-24 (WO2003/105853)
[30] US (60/453,711) 2002-06-12

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[13] A1

[51] **Int.Cl. 7G08B 17/10 7G08B 23/00 7G08C 17/00 7H04Q 7/00 7H04J 3/16 7H04Q 5/22 7H04J 3/24 7H04Q 7/24 7H04L 12/28 7H04Q 7/32 7H04L 12/56 7H04B 1/69**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMING, MAINTAINING AND DYNAMICALLY RECONFIGURABLY ROUTING IN AN AD-HOC NETWORK**
[54] **SYSTEME ET PROCEDE DE FORMATION, DE MAINTIEN ET DE ROUTAGE DYNAMIQUEMENT RECONFIGURABLE DANS UN RESEAU AD HOC**
[72] CHAKRAVARTHI, PRAKASH R., US
[72] ANAND, MINAKSHISUNDARAN B., US
[72] WINTER, TIMOTHY CLARK, US
[71] EKA SYSTEMS INC., US
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[13] A1

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[25] EN
[54] **NONBULKY ANKLE BRACE FOR USE WITH FOOTWEAR**
[54] **ATTELLE DE CHEVILLE NON ENCOMBRANTE A UTILISER AVEC UNE CHAUSSURE**
[72] MCCORMICK, SCOTT D., US
[72] HINDS, SHERRY, US
[71] BEIERSDORF, INC., US
[85] 2004-11-30
[86] 2003-06-16 (PCT/US2003/018802)
[87] 2003-12-24 (WO2003/105733)
[30] US (10/175,214) 2002-06-18

[21] **2,488,212**
[13] A1

[51] **Int.Cl. 7A01N 25/26**
[25] EN
[54] **METASTABLE INSECT REPELLENT EMULSION COMPOSITION AND METHOD OF USE**
[54] **COMPOSITION D'EMULSION INSECTIFUGE METASTABLE ET PROCEDE D'UTILISATION**
[72] POLYWODA, VINCENT T., US
[72] GONZALEZ, ANTHONY D., US
[72] PECHKO, ANDREW H., US
[71] AVON PRODUCTS, INC., US
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[30] US (10/334,171) 2002-12-30

[21] **2,488,215**
[13] A1

[51] **Int.Cl. 7A61M 5/142 7A61M 5/145**
[25] EN
[54] **DUAL ORIENTATION DISPLAY FOR A MEDICAL DEVICE**
[54] **AFFICHAGE A DOUBLE ORIENTATION DESTINE A UN DISPOSITIF MEDICAL**
[72] MCGRAGHAN, THOMAS A., US
[72] GILLESPIE, JOHN, JR., US
[71] BAXTER INTERNATIONAL INC., US
[85] 2004-12-02
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[51] **Int.Cl. 7A61M 5/142 7A61M 5/172**
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[54] **INFUSION PUMP**
[54] **POMPE A PERFUSION**
[72] PLATT, MICHAEL KENNETH, US
[72] GILLESPIE, JOHN, JR., US
[72] LABEDZ, RALPH H., US
[72] GREANEY, MICHELLE KOWALSKI, US
[72] SPANG, RONALD H., JR., US
[72] VOGEL, MATTHEW STEPHEN, US
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[13] A1

[51] **Int.Cl. 7C07D 513/04 7C07D 221/00 7C07D 498/04 7C07D 413/06 7C07D 471/08 7C11D 3/16 7C11D 3/39**
[25] EN
[54] **LIGAND AND COMPLEX FOR CATALYTICALLY BLEACHING A SUBSTRATE**
[54] **LIGAND ET COMPLEXE DE BLANCHIMENT CATALYTIQUE D'UN SUBSTRAT**
[72] COMBA, PETER, DE
[72] MERZ, MICHAEL, DE
[72] LIENKE, JOACHIM, NL
[72] TSYMBAL, LYDMYLA, DE
[72] KOEK, JEAN HYPOLITES, NL
[71] UNILEVER PLC, GB
[85] 2004-12-02
[86] 2003-05-08 (PCT/EP2003/004906)
[87] 2003-12-18 (WO2003/104234)
[80] GB (0212991.4) 2002-06-06
[30] GB (0213492.2) 2002-06-12

[21] **2,488,217**
[13] A1

[51] **Int.Cl. 7C11D 7/32 7C11D 17/04**
[25] EN
[54] **IONIC LIQUID BASED PRODUCTS AND METHOD OF USING THE SAME**
[54] **PRODUITS A BASE DE LIQUIDE IONIQUE ET LEUR PROCEDE D'UTILISATION**
[72] BAKER, KEITH HOMER, US
[72] ROHRBAUGH, ROBERT HENRY, US
[72] SCHEPER, WILLIAM MICHAEL, US
[72] SHOWELL, MICHAEL STANFORD, US
[72] HARTSHORN, RICHARD TIMOTHY, US
[72] ADDISON, MICHAEL CROMBIE, GB
[72] SIVIK, MARK ROBERT, US
[72] SCHEIBEL, JEFFREY JOHN, US
[72] PRICE, KENNETH NATHAN, US
[72] AIKEN, JOHN DAVIS III, US
[72] GARDNER, ROBB RICHARD, US
[72] REDDY, PRAMOD KAKUMANU, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[13] A1

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[25] EN
[54] **CELLULAR MICROBEAD FILTER IN WATER RECIRCULATING SYSTEM**
[54] **FILTRE CELLULAIRE A MICROBILLES DANS UN SYSTEME DE RECIRCULATION D'EAU**
[72] TIMMONS, MICHAEL B., US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2004-11-30
[86] 2003-06-16 (PCT/US2003/019057)
[87] 2003-12-24 (WO2003/105984)
[30] US (10/171,911) 2002-06-14

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[13] A1

[51] **Int.Cl. 7B65D 51/16 7C12L 9/00 7B65D 47/24 7B65D 1/32**
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[54] **VENTED CLOSURES FOR CONTAINERS**
[54] **FERMETURES VENTILEES POUR CONTENANTS**
[72] SMOLKO, DANIEL D., US
[72] KEVORKIAN, GREGORY, US
[71] ADVANCED POROUS TECHNOLOGIES, LLC, US
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[25] EN
[54] **AGENTS FOR IMAGING AND DIAGNOSTIC METHODS USING THEM**
[54] **AGENTS D'IMAGERIE ET PROCEDES DIAGNOSTIQUES FAISANT APPEL A CES DERNIERS**
[72] EBNER, SHARON, IL
[72] SHIRVAN, ANAT, IL
[72] ZIV, ILAN, IL
[71] NST NEUROSURVIVAL TECHNOLOGIES LTD., IL
[85] 2004-12-02
[86] 2003-06-03 (PCT/IL2003/000463)
[87] 2003-12-11 (WO2003/101948)
[30] IL (150016) 2002-06-04
[30] IL (152631) 2002-11-04
[30] IL (153183) 2002-11-28

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[13] A1

[51] **Int.Cl. 7A01K 1/00 7A01K 29/00 7A01K 5/02**
[25] EN
[54] **LIVESTOCK MANAGEMENT SYSTEM AND METHOD FOR SPLIT-WEIGHT FEEDING**
[54] **SYSTEME DE GESTION DU BETAIL ET PROCEDE PERMETTANT LA DISTRIBUTION DE NOURRITURE AUX ANIMAUX SELON LEUR POIDS**
[72] THIBAUT, RONALD M., US
[71] OSBORNE INDUSTRIES, INC., US
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[87] 2003-12-18 (WO2003/103380)
[30] US (60/386,281) 2002-06-05
[30] US (60/393,175) 2002-07-01

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[13] A1

[51] **Int.Cl. 7C07D 301/12**
[25] EN
[54] **EPOXIDATION PROCESS USING A SUPPORTED NIOBIUM OXIDE CATALYST**
[54] **PROCEDE D'EPOXYDATION UTILISANT UN CATALYSEUR D'OXYDE DE NIOBIUM SUR SUPPORT**
[72] GREY, ROGER A., US
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US
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[86] 2003-05-12 (PCT/US2003/014672)
[87] 2003-12-11 (WO2003/101977)
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[13] A1

[51] **Int.Cl. 7C08G 65/332 7C07C 67/08 7C07C 69/54 7A61L 15/60**
[25] EN
[54] **(METH)ACRYLIC ESTERS OF POLYALKOXYLATED TRIMETHYLOLPROPANE**
[54] **ESTERS (METH)ACRYLIQUES DE TRIMETHYLOLPROPANE POLYALCOXYLE**
[72] JAWOREK, THOMAS, DE
[72] SCHROEDER, JUERGEN, DE
[72] SCHWALM, REINHOLD, DE
[72] FUNK, RUEDIGER, DE
[72] RIEGEL, ULRICH, DE
[72] WEISMANTEL, MATTHIAS, DE
[72] POPP, ANDREAS, DE
[72] DANIEL, THOMAS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
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[87] 2003-12-18 (WO2003/104300)
[30] DE (102 25 943.7) 2002-06-11
[30] DE (103 15 345.4) 2003-04-03
[30] DE (103 15 669.0) 2003-04-04

[21] **2,488,228**
[13] A1

[51] **Int.Cl. 7G06F 11/30 7H04L 9/00 7G06F 12/14 7H04L 9/32**
[25] EN
[54] **METHOD AND SYSTEM FOR STORING MPEG-2 PROGRAMS TO MEDIA AND PLAYBACK**
[54] **PROCEDE ET SYSTEME DE STOCKAGE DE PROGRAMMES MPEG-2 SUR DES SUPPORTS ET DE LECTURE**
[72] PERNG, SHYAN-MING, US
[72] ERSOZ, NATHANIEL H., US
[71] MYRIO CORPORATION, US
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[30] US (60/385,474) 2002-06-03
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[13] A1

[51] **Int.Cl. 7C21D 9/573 7C23G 3/02 7C21D 1/667**
[25] EN
[54] **DEVICE FOR COOLING AND/OR RINSING STEEL WIRES AND/OR TAPES**
[54] **DISPOSITIF DE REFROIDISSEMENT ET/OU DE RINCAGE DE FILS ET/OU RUBANS EN ACIER**
[72] BAUDEN, JACQUES, BE
[71] LE FOUR INDUSTRIEL BELGE, BE
[85] 2004-12-02
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[87] 2003-12-18 (WO2003/104500)
[30] BE (2002/373) 2002-06-06

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[13] A1

[51] **Int.Cl. 7A61K 31/66 7C07F 9/02**
[25] EN
[54] **INOSITOL PYROPHOSPHATES, AND METHODS OF USE THEREOF**
[54] **INOSITOL PYROPHOSPHATES ET PROCEDE D'UTILISATION DESDITS COMPOSES**
[72] GREFERATH, RUTH, DE
[72] FYLAKTAKIDOU, KONSTANTINA, FR
[72] LEHN, JEAN MARIE, FR
[72] NICOLAU, YVES CLAUDE, US
[71] OXYPLUS, INC., US
[85] 2004-11-30
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[87] 2003-11-13 (WO2003/092700)
[30] US (60/376,383) 2002-04-29
[30] US (60/388,851) 2002-06-14
[30] US (60/395,749) 2002-07-12
[30] US (60/424,573) 2002-11-07

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[13] A1

[51] **Int.Cl. 7G08G 1/123 7G01S 3/02 7H04Q 7/20**
[25] EN
[54] **SYSTEM AND METHOD FOR CDMA GEOLOCATION**
[54] **SYSTEME ET PROCEDE POUR UNE LOCALISATION GEOGRAPHIQUE CDMA**
[72] CARLSON, JOHN PETER, US
[72] GRAVELY, THOMAS BOOKER, US
[72] KENNEDY, JOSEPH P., JR., US
[71] ALLEN TELECOM, INC., US
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[13] A1

[51] **Int.Cl. 7H01L 27/14**
[25] EN
[54] **FABRY-PEROT LASER WITH WAVELENGTH CONTROL**
[54] **LASER FABRY-PEROT A COMMANDE DE LONGUEUR D'ONDE**
[72] YIPTONG, AUGUSTIN, US
[72] MEARS, ROBERT J., US
[72] COHEN, ADAM D., US
[71] R.J. MEARS LLC, US
[85] 2004-12-02
[86] 2003-06-02 (PCT/US2003/017362)
[87] 2003-12-11 (WO2003/103053)
[30] US (10/064,002) 2002-06-03

[21] **2,488,236**
[13] A1

[51] **Int.Cl. 7C10G 2/00**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF HYDROCARBONS FROM GASEOUS HYDROCARBONACEOUS FEED**
[54] **PROCEDE DE PRODUCTION D'HYDROCARBURES A PARTIR D'UNE CHARGE HYDROCARBONEE GAZEUSE**
[72] FENOUIL, LAURENT ALAIN, GB
[72] GEIJSEL, JOANNES IGNATIUS, NL
[72] MOHAMAD ALI, ABDUL RAZAK, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2004-12-02
[86] 2003-06-05 (PCT/EP2003/005962)
[87] 2003-12-18 (WO2003/104355)
[30] EP (02253912.6) 2002-06-05

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[13] A1

[51] **Int.Cl. 7C10G 25/12 7C10G 25/00 7C10G 29/04 7C10G 29/16**
[25] EN
[54] **PROCESS TO REMOVE SULFUR CONTAMINANTS FROM HYDROCARBON STREAMS**
[54] **PROCEDE D'ENLEVEMENT D'IMPURETES SULFUREES DE COURANTS D'HYDROCARBURES**
[72] FEIMER, JOSEPH LOUIS, CA
[72] KAUL, BAL KRISHAN, US
[72] LAWLOR, LAWRENCE J., CA
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2004-12-02
[86] 2003-05-09 (PCT/US2003/014704)
[87] 2003-12-18 (WO2003/104357)
[30] US (60/386,489) 2002-06-05
[30] US (10/423,076) 2003-04-25

[21] **2,488,241**
[13] A1

[51] **Int.Cl. 7F02G 1/043**
[25] EN
[54] **METHOD AND DEVICE FOR CONVERTING THERMAL ENERGY INTO KINETIC ENERGY**
[54] **PROCEDE ET DISPOSITIF POUR TRANSFORMER DE L'ENERGIE THERMIQUE EN ENERGIE CINETIQUE**
[72] HOLECEK, CAMILLO, AT
[72] ENGELHART, KLAUS, AT
[71] DONAUWIND ERNEUERBARE ENERGIEGEWINNUNG UND BETEILIGUNGS GMBH & CO KG, AT
[85] 2004-11-29
[86] 2003-06-02 (PCT/AT2003/000160)
[87] 2003-12-11 (WO2003/102403)
[30] AT (A 843/02) 2002-06-03
[30] AT (A 767/03) 2003-05-19

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[13] A1

[51] **Int.Cl. 7C07D 409/12 7A61P 11/00 7A61K 31/4168**
[25] EN
[54] **SUBSTITUTED THIOPHENES, METHOD FOR THE PRODUCTION THEREOF, THEIR USE AS A MEDICAMENT OR DIAGNOSTIC REAGENT, AND A MEDICAMENT CONTAINING THE SAME**
[54] **THIOPHENES SUBSTITUES, PROCEDES DE FABRICATION, UTILISATION EN TANT QUE MEDICAMENT OU AGENT DIAGNOSTIQUE ET MEDICAMENT CONTENANT CES THIOPHENES**
[72] BLEICH, MARKUS, DE
[72] GEKLE, MICHAEL, DE
[72] HOFMEISTER, ARMIN, DE
[72] WIRTH, KLAUS, DE
[72] LANG, HANS-JOCHEN, DE
[72] HEINELT, UWE, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-12-01
[86] 2003-05-26 (PCT/EP2003/005465)
[87] 2003-12-11 (WO2003/101984)
[30] DE (102 24 892.3) 2002-06-04

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[13] A1

[51] **Int.Cl. 7C11D 1/835 7C11D 3/22**
[25] EN
[54] **LIQUID FABRIC DETERGENT COMPOSITIONS**
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[72] BAINES, FIONA LOUISE, GB
[72] FINCH, TIMOTHY DAVID, GB
[72] PECKHAM, EMILY JANE, GB
[72] ROTH, STEPHANE PATRICK, GB
[71] UNILEVER PLC, GB
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[54] **FILM-SHAPED, DISSOLVABLE PREPARATIONS FOR ACTIVE SUBSTANCE RELEASE AND METHOD FOR THE PRODUCTION THEREOF**
[54] **PREPARATIONS POUVANT ETRE DISSOUTES SOUS FORME DE FILM POUR LA LIBERATION DE SUBSTANCES ACTIVES ET PROCEDE DE PRODUCTION DESDITES PREPARATIONS**
[72] VON FALKENHAUSEN, CHRISTIAN, DE
[72] KRUMME, MARKUS, DE
[72] SEIBERTZ, FRANK, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[30] DE (102 24 607.6) 2002-06-04

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[25] EN
[54] **SPLICEOSOME MEDIATED RNA
TRANS-SPLICING IN STEM CELLS**
[54] **TRANSEPISSAGE DE L'ARN PAR
EPISSOME DANS DES CELLULES
SOUCHES**
[72] MITCHELL, LLOYD G., US
[72] LIU, XIAO MING, US
[72] ENGLEHARDT, JOHN, US
[71] INTRONN, INC., US
[71] UNIVERSITY OF IOWA RESEARCH
FOUNDATION, US
[85] 2004-12-01
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[30] US (60/386,594) 2002-06-05

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[51] **Int.Cl. 7F02B 31/00**
[25] EN
[54] **FLUID SWIRLING DEVICE FOR
AN INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF DE TOURNOIEMENT
DE FLUIDE POUR UN MOTEUR A
COMBUSTION INTERNE**
[72] KIM, JAY, US
[71] CYCLONE USA, INC., US
[85] 2004-11-30
[86] 2003-06-05 (PCT/US2003/015403)
[87] 2003-12-18 (WO2003/104624)
[30] US (29/161,743) 2002-06-05
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[51] **Int.Cl. 7A61K 31/704 7A61P 35/00
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[25] EN
[54] **NOVEL SOLID PREPARATION
CONTAINING BLOCK COPOLYMER
AND ANTHRACYCLINE ANTICANCER
AGENT AND PROCESS FOR
PRODUCING THE SAME**
[54] **PREPARATION SOLIDE
CONTENANT UN COPOLYMER
SEQUENCE ET UN ANTICANCEREUX
A BASE D'ANTHRACYCLINE, ET
PROCEDE DE PRODUCTION ASSOCIE**
[72] MOTOYAMA, JUN, JP
[71] NIPPON KAYAKU KABUSHIKI
KAISHA, JP
[71] SAKURAI, YASUHISA, JP
[71] JAPAN SCIENCE AND
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[51] **Int.Cl. 7G01R 27/08 7G01R 27/02**
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[54] **COMBUSTIBLE-GAS MEASURING
INSTRUMENT**
[54] **INSTRUMENT DE MESURE DE
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[72] BRISTOL, RODNEY L., US
[71] SCOTT TECHNOLOGIES, INC., US
[85] 2004-12-02
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[30] US (60/385,666) 2002-06-04

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[51] **Int.Cl. 7B60N 2/22**
[25] EN
[54] **LOST MOTION DUAL DISC SEAT
RECLINER ASSEMBLY**
[54] **ASSEMBLAGE DE DISPOSITIF
D'INCLINAISON DE SIEGE A DOUBLE
DISQUE A JOINT FLOTTANT**
[72] VILLARROEL, RANDOLPH P., CA
[71] INTIER AUTOMOTIVE SEATING OF
AMERICA, INC., US
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[30] US (10/165,738) 2002-06-07

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[51] **Int.Cl. 7G10L 15/00 7G04B 13/00
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[25] EN
[54] **A METHOD FOR LOCATING AN
AUDIO SEGMENT WITHIN AN AUDIO
FILE**
[54] **PROCEDE DE LOCALISATION
D'UN SEGMENT AUDIO DANS UN
FICHER AUDIO**
[72] HARBISON, WILLIAM II, US
[72] KAHN, JONATHAN, US
[72] HUTTINGER, MICHAEL C., US
[71] CUSTOM SPEECH USA, INC., US
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[51] **Int.Cl. 7B26D 7/06**
[25] EN
[54] **SELF-CENTERING SLICER
ORIFICE FOR FOOD LOAF SLICING
MACHINE**
[54] **ORIFICE DE TRANCHEUSE A
CENTRAGE AUTOMATIQUE POUR
MACHINE A TRANCHER LE PAIN**
[72] PRYOR, GLEN F., US
[72] SANDBERG, GLENN, US
[72] LINDEE, SCOTT A., US
[71] FORMAX, INC., US
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[51] **Int.Cl. 7A23C 19/11 7A23L 1/00
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[25] EN
[54] **IMPROVED METHOD FOR THE
TREATMENT OF SHREDDED CHEESE
WITH A POLYENE ANTIFUNGAL
COMPOUND**
[54] **AMELIORATION APPORTEE AU
TRAITEMENT DE FROMAGE RAPE AU
MOYEN D'UN COMPOSE POLYENE
ANTIFONGIQUE**
[72] WARMERDAM, MARTINUS
JOHANNES MARIA, NL
[72] HAAN, DE, BEN RUDOLF, NL
[71] DSM IP ASSETS B.V., NL
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[54] **APPAT POUR POISSONS**
[72] DOWDALL, MICHAEL JOHN, GB
[72] CROSS, GARATH GEORGE, GB
[71] OCEANBAIT LIMITED, GB
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[86] 2003-05-30 (PCT/GB2003/002366)
[87] 2003-12-11 (WO2003/101191)
[30] GB (0212538.3) 2002-05-30

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[13] A1

[51] **Int.Cl. 7G02B 6/12 7G02B 6/28**
[25] EN
[54] **INTEGRATED SPLITTER WITH REDUCED LOSSES**
[54] **COMPOSANT OPTIQUE ET PROCEDE DE FABRICATION ASSOCIE**
[72] LAURENT-LUND, CHRISTIAN, DK
[71] NKT INTEGRATION A/S, DK
[85] 2004-12-01
[86] 2003-06-04 (PCT/DK2003/000367)
[87] 2003-12-11 (WO2003/102648)
[30] DK (PA 2002 00855) 2002-06-04
[30] US (60/385,891) 2002-06-06

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[25] EN
[54] **SPATIAL PREDICTION BASED INTRA CODING**
[54] **INTRACODAGE BASE SUR UNE PREDICTION SPATIALE**
[72] KARCZEWICZ, MARTA, US
[71] NOKIA CORPORATION, FI
[85] 2004-12-01
[86] 2003-06-10 (PCT/IB2003/002202)
[87] 2003-12-18 (WO2003/105070)
[30] US (60/388,061) 2002-06-11
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[13] A1

[51] **Int.Cl. 7A61K 51/10 7A61K 47/48**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INTRAVESICAL THERAPY OF BLADDER CANCER**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT INTRAVESICAL DU CANCER DE LA VESSIE**
[72] GOLDENBERG, DAVID M., US
[72] GRIFFITHS, GARY L., US
[71] IMMUNOMEDICS, INC., US
[85] 2004-12-01
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[25] EN
[54] **CERAMIC ANODES AND METHOD OF PRODUCING THE SAME**
[54] **ANODES DE CERAMIQUE ET PROCEDE DE PRODUCTION DE CES ANODES**
[72] GORTE, RAYMOND J., US
[72] VOHS, JOHN M., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2004-12-01
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[25] EN
[54] **OUTSOLE**
[54] **SEMELLE D'USURE**
[72] BRAUNSCHWEILER, H. G., CH
[71] GLIDE'N LOCK GMBH, CH
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[86] 2003-06-05 (PCT/CH2003/000356)
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[30] CH (964/02) 2002-06-06
[30] CH (369/03) 2003-03-10

[21] **2,488,275**
[13] A1

[51] **Int.Cl. 7A61B 17/08**
[25] EN
[54] **SURGICAL CLIP APPLICATOR DEVICE**
[54] **DISPOSITIF APPLICATEUR DE CLIPS CHIRURGICAUX**
[72] ARAD, MICHAEL, IL
[72] LELCUK, SHLOMO, IL
[72] MONASSEVITCH, LEONID, IL
[72] NEEMAN, RONEN, IL
[72] HARARI, BOAZ, IL
[71] NITI MEDICAL TECHNOLOGIES LTD., IL
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[25] EN
[54] **METHOD FOR HEATING AND COOLING A ROOM AND A BUILDING WITH A PLURALITY OF ROOMS**
[54] **PROCEDE DE CHAUFFAGE ET DE REFROIDISSEMENT D'UNE PIECE ET D'UN BATIMENT COMPRENANT PLUSIEURS PIECES**
[72] SCHMITZ, ANTONIUS HUBERTUS HENRICUS, NL
[72] KUHLEI, HARALD, DE
[72] KUTZKER, LUTZ, DE
[72] FIEBACK, KLAUS, DE
[72] LAUBE, ANDREAS, DE
[71] RUBITHERM GMBH, DE
[71] ARCADIS BOUW EN VASTOED VESTIGING, NL
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[54] **ARTICLE WASHING DEVICE**
[54] **DISPOSITIF DE LAVAGE D'ARTICLES**
[72] YAMAMOTO, SEIJI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
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[30] JP (2002-162325) 2002-06-04
[30] JP (2003-66712) 2003-03-12

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[51] **Int.Cl. 7A61K 35/78 7A23L 1/03**
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[54] **COMPOSITIONS AGAINST INFLAMMATORY PROCESSES**
[54] **COMPOSITIONS CONTRE DES PROCESSUS INFLAMMATOIRES**
[72] GRIGOROV, MARTIN, CH
[72] MALNOE, ARMAND, CH
[72] CAVIN, CHRISTOPHE, CH
[72] OFFORD, CAVIN ELIZABETH, CH
[71] NESTEC S.A., CH
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[87] 2004-01-08 (WO2004/002505)
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[54] **PROTOCOLE DE COMMUNICATION POUR LA CONFIGURATION DE SYSTEMES DE JEUX DE HASARD**
[72] OLSEN, GARRETT, US
[72] LUNDY, CHRISTOPHER, US
[71] IGT, US
[85] 2004-12-02
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[54] **BALLPOINT FOR WRITING INSTRUMENT AND METHOD FOR MAKING SAME**
[72] DEHAUDT, ANDRE, FR
[72] ROSENZWEIG, ALAIN, FR
[72] RATH, KURT, FR
[71] SOCIETE BIC, FR
[85] 2004-12-02
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[87] 2004-01-08 (WO2004/002750)
[30] FR (02/08189) 2002-07-01

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[54] **TELECOMMUNICATIONS RADIO SYSTEM FOR MOBILE COMMUNICATION SERVICES**
[54] **SYSTEME RADIO DE TELECOMMUNICATIONS DESTINE A DES SERVICES DE COMMUNICATION MOBILE**
[72] KLOMP, MARTIN WILLEM, DE
[72] HERBERT, GERMAR JOCHEM, DE
[71] KONINKLIJKE KPN N.V., NL
[85] 2004-12-02
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[30] DE (102 33 172.3) 2002-07-22

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[54] **A HERBAL MOLECULE AS POTENTIAL ANTI-LEUKEMIC DRUG**
[54] **MOLECULE D'ORIGINE VEGETALE EN TANT QUE MEDICAMENT ANTILEUCEMIQUE POTENTIEL**
[72] PAL, BIKASH CHANDRA, IN
[72] BANDYOPADHYAY, SANTU, IN
[72] BATTACHARYA, SAMIR, IN
[72] ROY, KESHAB CHANDRA, IN
[72] BANDYOPADHYAY, GAUTAM, IN
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[25] EN
[54] **ULTRASONIC DEVICE AND METHOD FOR TISSUE COAGULATION**
[54] **DISPOSITIF ULTRASONORE ET PROCEDE POUR LA COAGULATION DE TISSUS**
[72] CIMINO, WILLIAM W., US
[71] SOUND SURGICAL TECHNOLOGIES LLC, US
[85] 2004-12-03
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[87] 2003-12-11 (WO2003/101531)
[30] US (60/386,119) 2002-06-04

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[13] A1

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[25] EN
[54] **MEMBRANE FOR HYDROGEN RECOVERY FROM STREAMS CONTAINING HYDROGEN SULFIDE**
[54] **MEMBRANE UTILISEE POUR LA RECUPERATION D'HYDROGENE DANS DES FLUX CONTENANT DU SULFURE D'HYDROGENE**
[72] ACKERMAN, JOHN, US
[72] AGARWAL, PRADEEP K., US
[71] UNIVERSITY OF WYOMING, US
[85] 2004-12-03
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[30] US (60/385,520) 2002-06-04

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[13] A1

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[54] **HYDROFORMED CONTROL ARM**
[54] **BRAS DE COMMANDE HYDROFORME**
[72] GABBIANELLI, GIANFRANCO, US
[72] KAMINSKI, ROBERT M., US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2004-11-30
[86] 2003-06-02 (PCT/US2003/017217)
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[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING HOME SHOPPING PROGRAMS**
[54] **PROCEDE ET SYSTEME PERMETTANT DE FOURNIR DES PROGRAMMES D'ACHAT A DOMICILE**
[72] KHOO, DENIS, US
[72] RATCLIFF, RAYMOND F., III, US
[71] INDIVIDUAL NETWORK, LLC, US
[85] 2004-12-02
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[87] 2003-12-11 (WO2003/102743)
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[13] A1

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[25] EN
[54] **CHECK-OUT SYSTEM**
[54] **SYSTEME DE CAISSE DE SORTIE**
[72] PIRRUCCIO, LUIGINO PAOLINO GIOVANNI, NL
[71] SCANGINEERS B.V., NL
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[86] 2002-09-17 (PCT/NL2002/000593)
[87] 2004-01-22 (WO2004/008402)
[30] NL (1021058) 2002-07-12

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[25] FR
[54] **SYSTEME DE CONTROLE DU REGIME D'UN MOTEUR D'UN AERONEF**
[54] **SYSTEM FOR CONTROLLING THE OPERATION OF AN AIRCRAFT ENGINE**
[72] GARNAUD, CHRISTIAN, FR
[72] FERNANDEZ, BRICE, FR
[71] AIRBUS FRANCE, FR
[85] 2004-12-02
[86] 2004-01-27 (PCT/FR2004/000176)
[87] 2004-09-16 (WO2004/078586)
[30] FR (03/00904) 2003-01-28

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[13] A1

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[25] EN
[54] **COMBINATION TREATMENT FOR DEPRESSION AND ANXIETY BY NK1 AND NK3 ANTAGONISTS**
[54] **TRAITEMENT COMBINE DE LA DEPRESSION ET DE L'ANXIETE A L'AIDE D'ANTAGONISTES NK1 ET NK3**
[72] LOWE III, JOHN ADAMS, US
[72] MCLEAN, STAFFORD, US
[72] SOBOLOV-JAYNES, SUSAN BETH, US
[71] PFIZER PRODUCTS INC., US
[85] 2004-12-02
[86] 2003-06-10 (PCT/IB2003/002516)
[87] 2003-12-31 (WO2004/000355)
[30] US (60/389,975) 2002-06-19

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[25] EN
[54] **USE OF COPOLYMERS CONTAINING SULFONIC ACID GROUPS, AS AN ADDITIVE IN DETERGENTS AND CLEANERS**
[54] **UTILISATION DE COPOLYMERES CONTENANT DES GROUPES D'ACIDE SULFONIQUE COMME ADJUVANTS DANS LES PRODUITS DETERGENTS**
[72] BAUM, PIA, DE
[72] WEINGART, FRANZ, DE
[72] MICHL, KATHRIN, DE
[72] NIED, STEPHAN, DE
[72] BRODT, GREGOR, DE
[71] BASF AKTIENGESELLSCHAFT, DE
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[86] 2003-06-04 (PCT/EP2003/005821)
[87] 2003-12-18 (WO2003/104372)
[30] DE (102 25 794.9) 2002-06-10

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[13] A1

[51] **Int.Cl. 7A47B 9/02 7A47B 9/04**
[25] EN
[54] **QUICK CRANK ADJUSTABLE HEIGHT TABLE**
[54] **TABLE POSSEDANT UN LEVIER DE REGLAGE RAPIDE EN HAUTEUR**
[72] TIERNEY, JAMES A., US
[72] SEIDL, LON D., US
[71] KRUEGER INTERNATIONAL, INC., US
[85] 2004-12-03
[86] 2003-06-06 (PCT/US2003/018015)
[87] 2003-12-18 (WO2003/103447)
[30] US (60/386,803) 2002-06-07

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[13] A1

[51] **Int.Cl. 7H02B 1/01**
[25] EN
[54] **METAL PROFILE FOR CABINET**
[54] **AMELIORATION DANS UN PROFIL METALLIQUE DESTINE A LA COMPOSITION DE STRUCTURES D'ASSEMBLAGE DE BOITIER/S/ COFFRES**
[72] FRANCISQUINI, MELQUISEDEC, BR
[71] FRANCISQUINI, MELQUISEDEC, BR
[85] 2004-12-02
[86] 2003-06-04 (PCT/BR2003/000071)
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[51] **Int.Cl. 7C07C 401/00 7A61K 31/593**
[25] EN
[54] **24-SULFOXIMINE VITAMIN D3 COMPOUNDS**
[54] **COMPOSES DE TYPE 24-SULFOXIMINE VITAMINE D3**
[72] SAHA, UTTAM, CA
[72] KAHRAMAN, MEHMET, US
[72] POSNER, GARY H., US
[71] JOHNS HOPKINS UNIVERSITY, US
[71] CYTOCHROMA INC., CA
[85] 2004-12-02
[86] 2003-06-13 (PCT/CA2003/000851)
[87] 2003-12-24 (WO2003/106411)
[30] US (60/387,904) 2002-06-13

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[51] **Int.Cl. 7A61K 7/00 7C08F 20/06 7C08F 20/16 7A61K 7/42 7A61K 7/44**
[25] EN
[54] **SUNSCREEN COMPOSITIONS**
[54] **COMPOSITIONS ANTISOLAIRES**
[72] SANOGUEIRA, JAMES P., US
[72] DONOVAN, BARBARA, US
[72] DUEVA, OLGA V., US
[71] SUN PHARMACEUTICALS CORPORATION, US
[85] 2004-12-03
[86] 2003-06-04 (PCT/US2003/017570)
[87] 2003-12-18 (WO2003/103615)
[30] US (60/386,317) 2002-06-06
[30] US (10/448,745) 2003-05-29

[21] **2,488,336**
[13] A1

[51] **Int.Cl. 7A41D 13/11**
[25] EN
[54] **FACE MASK AND METHOD OF MANUFACTURING THE SAME**
[54] **MASQUE FACIAL ET SON PROCEDURE DE FABRICATION**
[72] SNOW, GEORGE A., US
[72] BRUNELL, ROBERT A., US
[71] LOUIS M. GERSON CO., INC., US
[85] 2004-12-03
[86] 2003-04-25 (PCT/US2003/013052)
[87] 2003-12-18 (WO2003/103425)
[30] US (60/386,297) 2002-06-05

[21] **2,488,337**
[13] A1

[51] **Int.Cl. 7A61B 17/08**
[25] EN
[54] **PATENT FORAMEN OVALE (PFO) CLOSURE DEVICE WITH RADIAL AND CIRCUMFERENTIAL SUPPORT**
[54] **DISPOSITIF DE FERMETURE DU FORAMEN OVALE PERMEABLE (FOP) AVEC SUPPORT RADIAL ET CIRCONFERENCE**
[72] CHANDUSZKO, ANDRZEJ J., US
[71] NMT MEDICAL, INC., US
[85] 2004-12-03
[86] 2003-06-05 (PCT/US2003/017715)
[87] 2003-12-18 (WO2003/103476)
[30] US (60/386,327) 2002-06-05

[21] **2,488,338**
[13] A1

[51] **Int.Cl. 7A43C 7/08 7F16G 11/10**
[25] EN
[54] **LACING SYSTEM FOR SKATES**
[54] **SYSTEME DE LACAGE POUR PATINS**
[72] GRANDE, DODD H., US
[72] HAUGEN, DARRIN J., US
[72] SVENSSON, JOHN E., US
[72] WILLIAMS, MARK S., US
[71] K-2 CORPORATION, US
[85] 2004-12-03
[86] 2003-04-30 (PCT/US2003/013885)
[87] 2003-12-18 (WO2003/103432)
[30] US (10/165,602) 2002-06-07

[21] **2,488,339**
[13] A1

[51] **Int.Cl. 7A61L 9/00**
[25] EN
[54] **ARTIFICIAL FLOWER**
[54] **FLEUR ARTIFICIELLE**
[72] STANLEY, VIRGIL, US
[71] STANLEY, VIRGIL, US
[85] 2004-12-03
[86] 2003-04-11 (PCT/US2003/011043)
[87] 2003-12-18 (WO2003/103730)
[30] US (10/164,818) 2002-06-07

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[13] A1

[51] **Int.Cl. 7A61B 1/00**
[25] EN
[54] **OPTICAL DEVICE FOR ENDOSCOPE**
[54] **DISPOSITIF OPTIQUE POUR ENDOSCOPE**
[72] BELOUSOV, PETER Y., RU
[72] BELOUSOV, ANDREY P., RU
[72] STAROHA, ALEKSANDER V., RU
[72] EVSEEV, ALEKSEY R., RU
[72] DUBNISTCHEV, YURI N., RU
[72] DIAMANT, LEV, IL
[72] MELEDIN, VLADIMIR GENRIEVICH, RU
[72] MARKOVICH, DMITRIY M., RU
[72] ALEKSEENKO, SERGEI V., RU
[71] OPTISCOPE TECHNOLOGIES LTD., IL
[85] 2004-12-03
[86] 2003-05-15 (PCT/IL2003/000401)
[87] 2003-12-18 (WO2003/103482)
[30] US (60/385,888) 2002-06-06

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[13] A1

[51] **Int.Cl. 7A61K 31/055 7A61K 31/121 7A61K 31/15 7A61K 31/166 7A61K 31/167 7A61K 31/17 7A61K 31/18 7A61K 31/185 7A61K 31/194 7A61K 31/216 7A61K 31/222 7A61K 31/235 7A61K 31/275 7A61K 31/341 7A61K 31/357 7A61K 31/36 7A61K 31/381 7A61K 31/40 7A61K 31/403 7A61K 31/4035 7A61K 31/404 7A61K 31/415 7A61K 31/4164 7A61K 31/4188 7A61K 31/421 7A61K 31/422 7A61K 31/426 7A61K 31/427 7A61K 31/433 7A61K 31/44 7A61K 31/4402**
[25] EN
[54] **THERAPEUTIC DRUG FOR DIABETES**
[54] **MEDICAMENTS THERAPEUTIQUES DESTINES AU DIABETE**
[72] MUTO, SUSUMU, JP
[72] ITAI, AKIKO, JP
[71] INSTITUTE OF MEDICINAL MOLECULAR DESIGN, INC., JP
[85] 2004-12-03
[86] 2003-06-05 (PCT/JP2003/007131)
[87] 2003-12-18 (WO2003/103648)
[30] JP (2002-164524) 2002-06-05

[21] **2,488,343**
[13] A1

[51] **Int.Cl. 7G02B 25/00 7A45C 15/00 7A45C 11/16**
[25] EN
[54] **VIEWING APPARATUS**
[54] **APPAREIL DE VISUALISATION**
[72] SMITH, JAMES GORDON CHARTERS, GB
[72] BROWN, GRAHAM MAURICE, GB
[72] SMITH, MARTIN PHILLIP, GB
[71] GERSAN ESTABLISHMENT, LI
[85] 2004-12-03
[86] 2003-06-05 (PCT/GB2003/002457)
[87] 2003-12-18 (WO2003/103439)
[30] GB (0212891.6) 2002-06-05

[21] **2,488,344**
[13] A1

[51] **Int.Cl. 7A61C 8/00**
[25] EN
[54] **NATURAL IMPLANT SYSTEM**
[54] **SYSTEME D'IMPLANT NATUREL**
[72] DRAGOO, MICKEY RAY, US
[72] HURSON, STEVEN M., US
[71] NOBEL BIOCARE AB, SE
[85] 2004-12-03
[86] 2002-06-06 (PCT/US2002/018048)
[87] 2003-12-18 (WO2003/103527)

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[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61K 38/00 7C12N 5/00 7C12N 5/02**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE REPAIR AND/OR REGENERATION OF DAMAGED MYOCARDIUM**
[54] **PROCEDES ET COMPOSITIONS DESTINES A REPARER ET/OU A REGENERER UN MYOCARDE ENDOMMAGE**
[72] ANVERSA, PIERO, US
[71] NEW YORK MEDICAL COLLEGE, US
[85] 2004-12-03
[86] 2003-03-12 (PCT/US2003/007731)
[87] 2003-12-18 (WO2003/103611)
[30] US (10/162,796) 2002-06-05

[21] **2,488,347**
[13] A1

[51] **Int.Cl. 7A61K 31/366 7A61P 35/00 7A61K 33/26 7A61K 31/357**
[25] EN
[54] **METHODS OF USING ARTEMISININ-LIKE COMPOUNDS TO PREVENT OR DELAY THE APPEARANCE OF CANCER**
[54] **METHODES D'UTILISATION DE COMPOSES DE TYPE ARTEMISININE POUR PREVENIR OU RETARDER L'APPARITION DU CANCER**
[72] SINGH, NARENDRA P., US
[72] LAI, HENRY C., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2004-12-03
[86] 2003-06-06 (PCT/US2003/017791)
[87] 2003-12-18 (WO2003/103588)
[30] US (60/386,928) 2002-06-06

[21] **2,488,349**
[13] A1

[51] **Int.Cl. 7A61K 7/00 7A61K 9/00 7A61K 33/00 7A61K 7/06 7A61K 7/075 7A61K 33/14 7A61K 33/42**
[25] EN
[54] **TOPICAL TREATMENT FOR SKIN IRRITATION**
[54] **TRAITEMENT TOPIQUE D'IRRITATION DE LA PEAU**
[72] PESACRETA, THOMAS C., US
[71] PESACRETA, THOMAS C., US
[85] 2004-12-03
[86] 2003-06-04 (PCT/US2003/017823)
[87] 2003-12-18 (WO2003/103591)
[30] US (10/164,349) 2002-06-07

[21] **2,488,351**
[13] A1

[51] **Int.Cl. 7C22C 38/22 7C22C 38/28 7C22C 38/44 7C22C 38/50**
[25] EN
[54] **APPLICATION OF AN ALLOY IN KITCHEN UTENSIL PRODUCTS**
[54] **APPLICATION D'UN ALLIAGE DANS LA FABRICATION D'USTENSILES DE CUISINE**
[72] LEI, IOU, CN
[71] XINHUI RIXING STAINLESS STEEL PRODUCT COMPANY LIMITED, CN
[85] 2004-12-02
[86] 2002-06-03 (PCT/CN2002/000384)
[87] 2003-12-11 (WO2003/102258)

[21] **2,488,354**
[13] A1

[51] **Int.Cl. 7A61K 9/72 7A61K 9/00 7A61K 9/107**
[25] EN
[54] **SOLUBILISATION OF DRUGS IN HFA PROPELLANT BY MEANS OF EMULSIONS**
[54] **SOLUBILISATION DE MEDICAMENTS DANS UN GAZ PROPULSEUR HFA AU MOYEN D'EMULSIONS**
[72] BERRILL, SUSAN ANN, IT
[72] LEWIS, DAVID ANDREW, IT
[72] DAVIES, REBECCA JAYNE, IT
[72] MEAKIN, BRIAN JOHN, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2004-12-03
[86] 2003-06-03 (PCT/EP2003/005800)
[87] 2003-12-18 (WO2003/103642)
[30] EP (02012602.5) 2002-06-06

[21] **2,488,356**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 43/00 7A61P 15/10**
[25] EN
[54] **NOVEL THERAPEUTIC USE OF POLYPODIUM EXTRACTS**
[54] **NOUVELLE UTILISATION THERAPEUTIQUE DES EXTRAITS DE POLYPODIUM**
[72] QUINTANILLA ALMAGRO, ELISEO, ES
[71] ESPECIALIDADES FARMACEUTICAS CENTRUM, S.A., ES
[85] 2004-12-03
[86] 2003-06-05 (PCT/ES2003/000272)
[87] 2003-12-18 (WO2003/103695)
[30] ES (P 200201345) 2002-06-06

[21] **2,488,357**
[13] A1

[51] **Int.Cl. 7B01F 11/02**
[25] EN
[54] **METHOD FOR CONTINUOUS INTERNAL AGITATION OF FLUID WITHIN HOT WATER HEATERS OR OTHER FLUID CONTAINING VESSELS**
[54] **PROCEDE D'AGITATION INTERNE EN CONTINU DE FLUIDE AU SEIN DE RADIATEURS A EAU CHAUDE OU DE RECIPIENTS CONTENANT D'AUTRES FLUIDES**
[72] MILLER, ROBERT M., US
[72] HALSALL, RICHARD, W., US
[71] MILLER, ROBERT M., US
[71] HALSALL, RICHARD, W., US
[85] 2004-12-03
[86] 2003-06-02 (PCT/US2003/017380)
[87] 2003-12-11 (WO2003/101598)
[30] US (10/158,855) 2002-06-03

[21] **2,488,361**
[13] A1

[51] **Int.Cl. 7A61M 5/32**
[25] EN
[54] **SAFETY SHIELD FOR MEDICAL NEEDLES**
[54] **PROTECTION DE SECURITE POUR AIGUILLES MEDICALES**
[72] FERGUSON, F. MARK, US
[72] THORNE, KENDALL P., US
[71] TYCO HEALTHCARE GROUP LP, US
[85] 2004-12-03
[86] 2003-05-30 (PCT/US2003/017152)
[87] 2003-12-18 (WO2003/103755)
[30] US (10/164,944) 2002-06-06

[21] **2,488,362**
[13] A1

[51] **Int.Cl. 7C25C 3/06 7B66C 17/06**
[25] FR
[54] **INSTALLATION DE PRODUCTION D'ALUMINIUM PAR ELECTROLYSE IGNEE**
[54] **ALUMINIUM PRODUCTION INSTALLATION EMPLOYING FUSED-SALT ELECTROLYSIS**
[72] DUVAL, CHRISTIAN, FR
[71] ALUMINIUM PECHINEY, FR
[85] 2004-12-02
[86] 2003-07-09 (PCT/FR2003/002134)
[87] 2004-01-22 (WO2004/007807)
[30] FR (02/08739) 2002-07-11

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[13] A1
[51] **Int.Cl. 7A61K 31/167 7C07D 267/00 7A61K 38/00 7A61P 29/00 7A61P 43/00 7A61P 37/06 7C07D 295/18 7A61K 31/18 7C07D 295/20 7C07D 265/22 7A61K 31/222 7C07D 265/26 7A61K 31/27 7A61K 31/4035 7A61K 31/4406 7A61K 31/4409 7A61K 31/445 7A61K 31/4453 7C07D 277/46 7C07D 209/48 7A61K 31/495 7A61K 31/536 7A61K 31/5377 7A61K 31/55 7A61K 31/609 7C07D 211/62 7A61K 31/625 7A61K 31/661 7C07D 317/68 7A61K 31/7034**
[25] EN
[54] **O-SUBSTITUTED HYDROXYARYL DERIVATIVES**
[54] **DERIVES HYDROXYARYLE O-SUBSTITUES**
[72] MUTO, SUSUMU, JP
[72] ITAI, AKIKO, JP
[71] INSTITUTE OF MEDICINAL MOLECULAR DESIGN, INC., JP
[85] 2004-12-03
[86] 2003-06-05 (PCT/JP2003/007127)
[87] 2003-12-18 (WO2003/103656)
[30] JP (2002-165482) 2002-06-06

[21] **2,488,364**
[13] A1
[51] **Int.Cl. 7B22F 3/11**
[25] EN
[54] **METHOD FOR PRODUCING HIGHLY POROUS METALLIC MOULDED BODIES CLOSE TO THE DESIRED FINAL CONTOURS**
[54] **PROCEDE POUR LA PRODUCTION PROCHE DU CONTOUR FINAL SOUHAITE DE CORPS MOULES METALLIQUES TRES POREUX**
[72] BUCHKREMER, HANS PETER, DE
[72] BRAM, MARTIN, DE
[72] LAPTEV, ALEXANDER, UA
[72] STOEVER, DETLEV, DE
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE
[85] 2004-12-02
[86] 2003-05-09 (PCT/DE2003/001484)
[87] 2003-12-11 (WO2003/101647)
[30] DE (102 24 671.8) 2002-06-03

[21] **2,488,365**
[13] A1
[51] **Int.Cl. 7B01D 47/00 7B01D 5/00**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING AIR EMISSIONS AND RECOVERING PRODUCTS THEREFROM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRAITER DES EMISSIONS D'AIR ET DE RECUEILLIR DES PRODUITS A PARTIR DE CES EMISSIONS**
[72] TITMAS, JAMES, US
[71] TITMAS, JAMES, US
[85] 2004-12-03
[86] 2003-06-03 (PCT/US2003/017251)
[87] 2003-12-18 (WO2003/103802)
[30] US (10/166,450) 2002-06-10

[21] **2,488,367**
[13] A1
[51] **Int.Cl. 7A61K 31/427 7C07C 233/00 7C07D 215/00 7A61P 15/00 7A61P 17/00 7A61P 11/06 7A61P 37/08 7C07D 321/10 7C07D 295/16 7A61K 31/16 7A61K 31/167 7A61K 31/357 7A61K 31/381 7A61K 31/40 7A61K 31/403 7A61K 31/415 7A61K 31/4164 7A61K 31/421 7A61K 31/426 7A61K 31/433 7C07D 277/44 7A61K 31/44 7A61K 31/445 7A61K 31/47 7A61K 31/495 7A61K 31/5375**
[25] EN
[54] **ANTIALLERGIC**
[54] **ANTI-ALLERGIQUE**
[72] ITAI, AKIKO, JP
[72] MUTO, SUSUMU, JP
[71] INSTITUTE OF MEDICINAL MOLECULAR DESIGN, INC., JP
[85] 2004-12-03
[86] 2003-06-05 (PCT/JP2003/007120)
[87] 2003-12-18 (WO2003/103665)
[30] JP (2002-165148) 2002-06-06

[21] **2,488,369**
[13] A1
[51] **Int.Cl. 7H04L 1/18**
[25] EN
[54] **TIMER-BASED FEEDBACK IN MULTICAST COMMUNICATION**
[54] **RETROACTION FONDEE SUR UN CHRONOMETRE DANS UNE COMMUNICATION A MULTIDESTINATION**
[72] NEKOVEE, MAZIAR, GB
[72] OLAFSSON, SVERRIR, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-12-02
[86] 2003-06-12 (PCT/GB2003/002530)
[87] 2003-12-31 (WO2004/002048)
[30] EP (02254355.7) 2002-06-21

[21] **2,488,372**
[13] A1
[51] **Int.Cl. 7C07D 237/04 7C07D 401/06 7C07D 401/12**
[25] EN
[54] **PYRIDAZINE DERIVATIVES**
[54] **DERIVES DE PYRIDAZINE**
[72] EGGENWEILER, HANS-MICHAEL, DE
[72] WOLF, MICHAEL, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2004-12-03
[86] 2003-05-12 (PCT/EP2003/004930)
[87] 2003-12-18 (WO2003/104204)
[30] DE (102 24 888.5) 2002-06-05

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[13] A1

[51] **Int.Cl. 7A61K 31/4035 7C07C 277/08 7A61K 31/155 7C07C 279/20 7C07D 209/46**
[25] EN
[54] **N- ((3-OXO2, 3-DIHYDRO-1H-ISOINDOL-1-YL) ACETYL) GUANIDINE DERIVATIVES AS NHE-1 INHIBITORS FOR THE TREATMENT OF INFARCTION AND ANGINA PECTORIS**
[54] **DERIVES DE GUANIDINE N- ((3-OXO-2, 3-DIHYDRO-1H-ISOINDOLE-1-YLE) ACETYLE) COMME INHIBITEURS DE NHE-1 POUR TRAITER L'INFARCTUS ET L'ANGINE PECTORALE**
[72] MIGNANI, SERGE, FR
[72] CARRY, JEAN-CHRISTOPHE, FR
[72] BIGOT, ANTONY, FR
[72] RONAN, BAPTISTE, FR
[72] KLEEMANN, HEINZ-WERNER, DE
[72] HOFMEISTER, ARMIN, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2004-12-02
[86] 2003-05-20 (PCT/EP2003/005279)
[87] 2003-12-11 (WO2003/101450)
[30] FR (0206783) 2002-06-03

[21] **2,488,374**
[13] A1

[51] **Int.Cl. 7B01J 8/18 7F26B 3/08 7B01J 2/16 7B01J 8/24 7B01J 8/32 7B01J 8/38**
[25] EN
[54] **FLUIDIZED BED PROCESS AND APPARATUS**
[54] **PROCEDE SUR LIT FLUIDISE ET APPAREIL A CET EFFET**
[72] MARYAKHIN, ROMAN, IL
[71] PARTICLE TREATMENT TECHNOLOGIES LTD., IL
[85] 2004-12-03
[86] 2003-06-03 (PCT/IL2003/000468)
[87] 2003-12-18 (WO2003/103825)
[30] IL (150052) 2002-06-05

[21] **2,488,379**
[13] A1

[51] **Int.Cl. 7C07D 265/34 7C09B 19/00 7C12Q 1/00 7C07D 413/12 7G01N 1/30**
[25] EN
[54] **SELECTIVE CHROMOPHORES**
[54] **CHROMOPHORES SELECTIFS**
[72] WESTMAN, GUNNAR, SE
[72] HAMBERGER, ANDERS, SE
[72] WESTMAN, GUNNAR, SE
[72] JENNSICHE, EVA, SE
[71] WESTMAN, GUNNAR, SE
[85] 2004-12-03
[86] 2003-06-06 (PCT/SE2003/000947)
[87] 2003-12-18 (WO2003/104210)
[30] SE (0201750-7) 2002-06-06

[21] **2,488,380**
[13] A1

[51] **Int.Cl. 7B01D 57/02 7C07K 1/26**
[25] EN
[54] **METHOD FOR PH-BIASED ISOELECTRIC TRAPPING SEPARATIONS**
[54] **PROCEDE DE SEPARATION DE PIEGEAGE ISOELECTRIQUE A PH POLARISE**
[72] VIGH, GYULA, US
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US
[85] 2004-12-03
[86] 2003-06-03 (PCT/US2003/017300)
[87] 2003-12-18 (WO2003/103811)
[30] US (10/163,885) 2002-06-05

[21] **2,488,383**
[13] A1

[51] **Int.Cl. 7B05B 1/34 7B05B 11/00 7B65D 83/16**
[25] EN
[54] **NOZZLE FOR SPRAYING A PRODUCT**
[54] **EMBOUT POUR LA PULVERISATION D'UN PRODUIT**
[72] BOUGAMONT, JEAN-LOUIS, FR
[72] ROY, CHRISTOPHE, FR
[71] REXAM DISPENSING SYSTEMS, FR
[85] 2004-12-03
[86] 2003-06-06 (PCT/FR2003/001701)
[87] 2003-12-18 (WO2003/103847)
[30] FR (02/06947) 2002-06-06

[21] **2,488,385**
[13] A1

[51] **Int.Cl. 7A61K 9/51**
[25] EN
[54] **STEALTH LIPID NANOCAPSULES, METHODS FOR THE PREPARATION THEREOF AND USE THEREOF AS A CARRIER FOR ACTIVE PRINCIPLE(S)**
[54] **NANOCAPSULES LIPIDIQUES INDETECTABLES, PROCEDES DE PREPARATION DE CELLES-CI ET UTILISATION DE CES NANOCAPSULES EN TANT QUE SUPPORT DE PRINCIPE(S) ACTIF(S)**
[72] DELMAS, PASCAL, CA
[72] HOARAU, DIDIER, CA
[72] LEROUX, JEAN-CHRISTOPHE, CA
[71] ETHYPHARM, FR
[85] 2004-12-03
[86] 2003-06-11 (PCT/IB2003/003213)
[87] 2003-12-18 (WO2003/103822)
[30] FR (0207175) 2002-06-11
[30] US (60/421,112) 2002-09-09

[21] **2,488,386**
[13] A1

[51] **Int.Cl. 7D02G 3/44 7D02G 3/12**
[25] EN
[54] **YARNS AND FABRICS SUITED FOR THE SHIELDING, BY REFLECTANCE, OF ELECTROMAGNETIC WEAVES**
[54] **FILS ET TISSUS CONCUS POUR LA PROTECTION PAR REFLEXION D'ONDES ELECTROMAGNETIQUES**
[72] CAVI, FRANCESCO, IT
[72] MONTINI, LEONARDO, IT
[71] CAVI, FRANCESCO, IT
[71] PROTECH 1 S.R.L., IT
[71] EOS S.R.L., IT
[85] 2004-12-02
[86] 2003-06-02 (PCT/EP2003/005744)
[87] 2003-12-11 (WO2003/102279)
[30] IT (FI2002A000092) 2002-06-04

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[21] **2,488,387**
[13] A1

[51] **Int.Cl. 7B60R 19/22 7B29C 33/00**
[25] EN
[54] **BUMPER WITH INTEGRATED FOAM AND NON-FOAM COMPONENTS**
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[72] WEISSENBORN, MARK, US
[72] POWEL, DAVID, US
[72] WEYKAMP, ROBERT, US
[71] NETSHAPE CORPORATION, US
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[25] EN
[54] **RADIATION CURABLE COMPOSITION, OPTICAL WAVEGUIDE AND METHOD OF FORMING THE OPTICAL WAVEGUIDE**
[54] **COMPOSITION DURCISSABLE PAR RAYONNEMENT, GUIDE D'ONDE OPTIQUE ET SON PROCEDE DE FORMATION**
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[72] TAMAKI, KENTAROU, JP
[72] TAKASE, HIDEAKI, JP
[72] UTAKA, TOMOHIRO, JP
[72] HUANGFU, JUN, JP
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[54] **APPARATUS FOR TIGHTENING THREADED MEMBER**
[54] **APPAREIL SERVANT A SERRER UN ELEMENT FILETE**
[72] SASAKI, SHUITI, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] **METHOD FOR PREPARING A BIOLOGICAL MATERIAL FOR EXAMINATION UNDER A MICROSCOPE, AND CORRESPONDING ARRANGEMENT COMPRISING A BIOLOGICAL MATERIAL PREPARED USING SAID METHOD**
[54] **PROCEDE DE PREPARATION D'UNE MATIERE BIOLOGIQUE POUR UNE ANALYSE AU MICROSCOPE ET SYSTEME CORRESPONDANT COMPRENANT UNE MATIERE BIOLOGIQUE PREPAREE PAR CE PROCEDE**
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[72] BUSCH, CHRISTER, SE
[72] SCHUETZE, KARIN, DE
[71] P.A.L.M. MICROLASER TECHNOLOGIES AG, DE
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[54] **POMPE OCULAIRE IMPLANTABLE DESTINEE A REDUIRE LA PRESSION INTRAOCULAIRE**
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[72] TU, HOSHENG, US
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[54] **METHOD FOR PRODUCING BLISTER COPPER**
[54] **PROCEDE SERVANT A PRODUIRE DU CUIVRE BOURSOUFLE**
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[71] OUTOKUMPU OYJ, FI
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[54] **SULFUR-CONTAINING PROANTHOCYANIDIN OLIGOMER COMPOSITION AND PROCESS FOR PRODUCING THE SAME**
[54] **PREPARATIONS D'OLIGOMERE DE PROANTHOCYANIDINE SULFUREE, ET SON PROCEDE DE PRODUCTION**
[72] FUJII, HAJIME, JP
[72] NAKAGAWA, TAKASHI, JP
[72] NONAKA, GEN-ICHIRO, JP
[72] SUN, BUXIANG, JP
[72] YUAN, LAN, JP
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[71] SOMMER ANTRIEBS-FUNKTECHNIK GMBH, DE
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[54] **DERIVES DE PYRAZOLS
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[72] HEPPERLE, MICHAEL E., US
[72] NAING, WIN, US
[72] WALKER, JOHN K., US
[72] SELNESS, SHAUN RAJ, US
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[72] HOTZ, WALTER, CH
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[54] **POLYESTER COMPOSITION AND
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[54] **COMPOSITION POLYESTER ET
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[72] NAKAYAMA, SEIJI, JP
[72] ETHO, YOSHITAKA, JP
[72] MARUYAMA, GAKU, JP
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[72] FULKERSON, TIMOTHY, US
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PROPERTIES AND METHOD FOR
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[54] **ADJUVANT POUR CIMENT
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[72] PARK, KWANG-MYUNG, KR
[72] LEE, CHANG-YEOB, KR
[72] SONG, JONG-KEUN, KR
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[54] FEUIL D'EMBALLAGE**
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[72] IRIYA, MASARU, JP
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[54] **MATRICES DE BASE A SURFACE MODIFIEE**

[72] MEYER, ULRIKA, SE
[72] STRIDSBERG FRIDEN, KAJSA, SE
[72] LARSSON, ANDERS, SE
[72] VON HEIJNE, EVA, SE
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[54] **METHOD FOR THE PRODUCTION OF A UREA FERTILIZER WITH ELEMENTAL SULPHUR AND THE PRODUCT THEREOF**
[54] **PROCEDE DE PRODUCTION D'UN ENGRAIS D'UREE A PARTIR DE SOUFRE ELEMENTAIRE ET PRODUIT CORRESPONDANT**

[72] MAAZ, JUERGEN, DE
[72] STARK, UDO, DE
[72] KOHNKE, SVEN, DE
[72] LADWIG, UWE, DE
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[54] **STABLE SOLID MEDICINAL COMPOSITION FOR ORAL ADMINISTRATION**
[54] **COMPOSITION MEDICINALE SOLIDE, STABLE, D'ADMINISTRATION PAR VOIE ORALE**

[72] YASUJI, TAKEHIKO, JP
[72] SUGIHARA, AKIO, JP
[72] MASAKI, KATSUHIRO, JP
[72] ATSUTA, YUTAKA, JP
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[54] **INFORMATION PROCESSING SYSTEM FOR TARGETED MARKETING AND CUSTOMER RELATIONSHIP MANAGEMENT**
[54] **SYSTEME DE TRAITEMENT D'INFORMATIONS PERMETTANT DE GERER UNE RELATION MERCATIQUE-CLIENT CIBLEE**

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[72] WINKLER, CLAUDIA, US
[72] KLANDER, LARS, US
[72] KLANDER, ARDYTH, US
[72] NYDAM, DAVE, US
[72] CALDERONELLO, JOSHUA, US
[72] CARLSON, DAN, US
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[72] SAENZ, JAVIER, US
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[54] **SYSTEM AND METHOD FOR CUSTOMER CONTACT MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION DE CLIENTS A ATTEINDRE**

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[72] LANDS, MICHAEL J., US
[72] LAWES, KATE R., US
[72] BUYASSE, STEVEN P., US
[72] NGUYEN, LAP P., US
[72] COUTURE, GARY M., US
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[72] KEVORKIAN, GREGORY, US
[71] ADVANCED POROUS TECHNOLOGIES, LLC, US
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[54] **PHOTOBIOREACTOR AND PROCESS FOR BIOMASS PRODUCTION AND MITIGATION OF POLLUTANTS IN FLUE GASES**
[54] **PHOTOBIOREACTEUR ET PROCEDE DE PRODUCTION DE BIOMASSE ET D'ATTENUATION DE POLLUANTS DANS DES GAZ DE CARNEAU**
[72] BERZIN, ISAAC, US
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[54] **METHOD AND APPARATUS FOR INTERCONNECTION OF PERSONAL AREA NETWORKS (PANS)**
[54] **PROCEDES ET APPAREIL POUR INTERCONNECTER DES RESEAUX PERSONNELS (PAN)**
[72] CHITRAPU, PRABHAKAR R., US
[72] GOLDBERG, STEVEN JEFFREY, US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
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[54] **METHOD AND APPARATUS FOR A HIGH RESOLUTION DOWNHOLE SPECTROMETER**
[54] **PROCEDE ET APPAREIL POUR SPECTROMETRE DE FOND HAUTE RESOLUTION**
[72] BERGREN, PAUL, US
[72] WALKOW, ARNOLD, US
[72] DIFOGGIO, ROCCO, US
[71] BAKER HUGHES INCORPORATED, US
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[51] **Int.Cl. 7A61B 17/22 7A61B 17/12**
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[54] **ANGIOPLASTY DEVICE AND METHOD OF MAKING SAME**
[54] **DISPOSITIF D'ANGIOPLASTIE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] PACKARD, BRIAN M., US
[72] KLETSCHKA, HAROLD D., US
[71] PACKARD, BRIAN M., US
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[85] 2004-12-03
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[51] **Int.Cl. 7G06F 13/14 7G06F 17/00 7H04M 7/00 7G06F 15/16 7H04Q 7/20 7H04L 12/56**
[25] EN
[54] **METHOD AND APPARATUS FOR SWITCHING BETWEEN A WIRELESS LOCAL AREA NETWORK AND A WIDE AREA NETWORK**
[54] **PROCEDE ET APPAREIL DE COMMUTATION ENTRE UN RESEAU LOCAL SANS FIL ET UN RESEAU LONGUE PORTEE**
[72] GOLDBERG, STEVEN JEFFREY, US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2004-12-03
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[13] A1
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[54] **ADVERTISING SALES MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE VENTES DE PUBLICITE**
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[72] COLSON, MICHAEL C., US
[72] BANKS, MARTIN L., US
[71] VISUAL ADVERTISING SALES TECHNOLOGY, US
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[25] EN
[54] **SYSTEM FOR MULTIMEDIA RENDERING IN A PORTABLE DEVICE**
[54] **SYSTEME DE RENDU MULTIMEDIA DANS UN APPAREIL PORTABLE**
[72] PATWARI, SRINIVAS, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
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[54] **SYSTEME ET PROCEDE DE GESTION DE DOSSIERS MEDICAUX DE PATIENTES EN PREPARTUM**
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[72] KILMAS, EDWARD J., US
[71] OB EVERYWHERE, INC., US
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[13] A1

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[25] EN
[54] **ILLUMINATION DEVICE FOR SIMULATING NEON LIGHTING THROUGH USE OF FLUORESCENT DYES**
[54] **DISPOSITIF D'ECLAIRAGE DESTINE A SIMULER UN ECLAIRAGE AU NEON PAR L'UTILISATION DE COLORANTS FLUORESCENTS**
[72] CLEAVER, MARK J., US
[72] DOMINICK, JOHN R., US
[72] HULSE, GEORGE R., US
[72] ERIKSSON, ERIC O., US
[71] ILLIGHT TECHNOLOGIES, INC., US
[85] 2004-12-03
[86] 2003-06-05 (PCT/US2003/017765)
[87] 2003-12-18 (WO2003/104712)
[30] US (60/387,076) 2002-06-06

[21] **2,488,496**
[13] A1

[51] **Int.Cl. 7G01R 29/10**
[25] EN
[54] **A METHOD FOR DETERMINING FIELD RADIATION LEVELS FOR A RADIATING DEVICE**
[54] **PROCEDE POUR DETERMINER LES INTENSITES D'UN RAYONNEMENT DE CHAMP DANS UN DISPOSITIF A RAYONNEMENT**
[72] LECKENBY, MARK, AU
[71] INTERACTIVE COMMUNICATION SOLUTIONS PTY LTD, AU
[85] 2004-12-03
[86] 2003-06-05 (PCT/AU2003/000700)
[87] 2003-12-18 (WO2003/104825)
[30] AU (PS 2784) 2002-06-06

[21] **2,488,501**
[13] A1

[51] **Int.Cl. 7A23L 1/30 7A61K 9/107 7A23L 1/22 7A23L 1/302 7A23L 1/303**
[25] EN
[54] **NANO-SIZED SELF-ASSEMBLED STRUCTURED LIQUIDS**
[54] **LIQUIDES STRUCTURES AUTOASSEMBLES NANOMETRIQUES**
[72] AMAR, IDIT, IL
[72] ASERIN, ABRAHAM, IL
[72] SPERNATH, AVIRAM, IL
[72] GARTI, NISSIM, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM, IL
[71] NUTRALEASE LTD., IL
[85] 2004-12-03
[86] 2003-06-12 (PCT/IL2003/000498)
[87] 2003-12-24 (WO2003/105607)
[30] US (10/173,508) 2002-06-12

[21] **2,488,502**
[13] A1

[51] **Int.Cl. 7A61L 2/00**
[25] EN
[54] **REMOVAL OF PRION INFECTIVITY**
[54] **ELIMINATION DE L'INFECTIOSITE AUX PRIONS**
[72] FOSTER, PETER REYNOLDS, GB
[72] MCINTOSH, RONALD VANCE, GB
[72] GRIFFIN, BRENDA DOREEN, GB
[71] COMMON SERVICES AGENCY, GB
[85] 2004-12-03
[86] 2003-05-30 (PCT/GB2003/002378)
[87] 2003-12-24 (WO2003/105911)
[30] GB (0214007.7) 2002-06-18

[21] **2,488,503**
[13] A1

[51] **Int.Cl. 7B01F 17/00 7A01N 25/08 7A61K 47/34**
[25] EN
[54] **DISPERSIONS OF A SOLID IN AN AQUEOUS LIQUID INCLUDING A POLYALKYLENEGLYCOL ESTER OR AMIDE OF A FATTY ACID DIMER AND/OR TRIMER**
[54] **DISPERSIONS D'UN SOLIDE DANS UN LIQUIDE AQUEUX COMPRENANT UN ESTER DE POLYALKYLENEGLYCOL OU UN AMIDE D'UN DIMERE ET/OU D'UN TRIMERE D'ACIDE GRAS**
[72] BLEASE, TREVOR GRAHAM, GB
[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB
[85] 2004-12-03
[86] 2003-06-13 (PCT/GB2003/002549)
[87] 2003-12-24 (WO2003/106010)
[30] GB (0213818.8) 2002-06-17

[21] **2,488,504**
[13] A1

[51] **Int.Cl. 7B22F 1/00 7C22C 33/02 7B22F 1/02**
[25] EN
[54] **METAL POWDER COMPOSITION INCLUDING A BONDING LUBRICANT AND A BONDING LUBRICANT COMPRISING GLYCERYL STEARATE**
[54] **COMPOSITION DE POUFRE METALLIQUE CONTENANT UN LUBRIFIANT DE LIAISON ET LUBRIFIANT DE LIAISON RENFERMANT UN MONOSTEARATE DE GYLCERYLE.**
[72] KNUTSSON, PER, SE
[72] RAMSTEDT, MARIA, SE
[71] HOGANAS AB, SE
[85] 2004-12-03
[86] 2003-06-12 (PCT/SE2003/000989)
[87] 2003-12-24 (WO2003/106078)
[30] SE (0201826-5) 2002-06-14

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[13] A1

[51] **Int.Cl. 7A61K 6/00 7A61K 7/00**
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR SOFTENING, THINNING AND REMOVING HYPERKERATOTIC TISSUE**
[54] **COMPOSITIONS ET PROCEDES POUR ADOUCIR, FLUIDIFIER ET ENLEVER LE TISSU HYPERKERATOSIQUE**
[72] BUCK, CAROL J., US
[71] BUCK, CAROL J., US
[85] 2004-12-03
[86] 2003-06-10 (PCT/US2003/018297)
[87] 2003-12-24 (WO2003/105784)
[30] US (10/171,602) 2002-06-14
[30] US (10/430,029) 2003-05-06

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[13] A1

[51] **Int.Cl. 7B63B 21/34**
[25] EN
[54] **ANCHOR WITH SMALLER SECOND FLUKE**
[54] **ANCRE POURVUE D'UNE DEUXIEME PATTE DE DIMENSIONS INFERIEURES**
[72] FRANCIS, REX WILLIAM, AU
[71] FRANCIS, REX WILLIAM, AU
[85] 2004-12-03
[86] 2003-06-16 (PCT/AU2003/000800)
[87] 2003-12-24 (WO2003/106252)
[30] AU (PS 3014) 2002-06-18

[21] **2,488,507**
[13] A1

[51] **Int.Cl. 7C08J 9/16 7B29C 44/34**
[25] EN
[54] **METHOD FOR PRODUCING EXPANDABLE POLYSTYRENE**
[54] **PROCEDE POUR PRODUIRE DU POLYSTYROL POUVANT ETRE EXPANSE**
[72] DIETZEN, FRANZ-JOSEF, DE
[72] EHRMANN, GERD, DE
[72] LAUN, MARTIN, DE
[72] SCHMIED, BERNHARD, DE
[72] RUCH, JOACHIM, DE
[72] HAHN, KLAUS, DE
[72] HOLOCH, JAN, DE
[72] DATKO, ACHIM, DE
[72] ALLMENDINGER, MARKUS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-12-03
[86] 2003-06-06 (PCT/EP2003/005952)
[87] 2003-12-24 (WO2003/106544)
[30] DE (102 26 749) 2002-06-14

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[13] A1

[51] **Int.Cl. 7A01D 82/00 7B02C 18/14**
[25] EN
[54] **BRUSH CUTTER**
[54] **DEBROUSSAILLEUSE**
[72] DENIS, LAURENT, CA
[72] DENIS, GILLES, CA
[71] DENIS, LAURENT, CA
[71] DENIS, GILLES, CA
[85] 2004-12-03
[86] 2003-05-29 (PCT/CA2003/000791)
[87] 2003-12-11 (WO2003/101180)
[30] US (10/159,045) 2002-06-03

[21] **2,488,509**
[13] A1

[51] **Int.Cl. 7G05D 7/06**
[25] EN
[54] **FLUID FLOW BALANCING SYSTEM**
[54] **SYSTEME D'EQUILIBRAGE DE DEBIT DE FLUIDE**
[72] POIRIER, BERTRAND, CA
[71] IMPERIAL SHEET METAL LTD., CA
[71] MICHAUD, BERTRAND, CA
[85] 2004-12-03
[86] 2003-06-05 (PCT/CA2003/000818)
[87] 2003-12-18 (WO2003/104911)
[30] CA (2,389,086) 2002-06-05

[21] **2,488,510**
[13] A1

[51] **Int.Cl. 7G02F 1/01 7G02F 1/035**
[25] EN
[54] **OPTICAL BANDPASS FILTERS BASED ON ELECTRO-OPTICALLY INDUCED WAVEGUIDE GRATINGS WITH PI-SHIFT**
[54] **FILTRES PASSE-BANDES OPTIQUES BASES SUR DES RESEAUX DE GUIDES D'ONDES A INDUCTION ELECTRO-OPTIQUE ET EFFET PI**
[72] DAXHELET, XAVIER, CA
[72] KULISHOV, MYKOLA, CA
[71] KULISHOV, MYKOLA, CA
[71] ADTEK PHOTOMASK INC., CA
[85] 2004-12-03
[86] 2003-06-03 (PCT/CA2003/000840)
[87] 2003-12-11 (WO2003/102675)
[30] CA (2,388,746) 2002-06-03

[21] **2,488,511**
[13] A1

[51] **Int.Cl. 7G01V 7/00 7G01V 11/00**
[25] EN
[54] **SYSTEM AND METHOD FOR SURVEYING UNDERGROUND DENSITY DISTRIBUTIONS**
[54] **SYSTEME ET PROCEDE DE RELEVÉ DE DISTRIBUTIONS DENSIMÉTRIQUES SOUTERRAINES**
[72] TRYGGVASON, BJARNI, CA
[71] GEDEX INC., CA
[85] 2004-12-03
[86] 2003-06-26 (PCT/CA2003/000953)
[87] 2004-01-08 (WO2004/003594)
[30] US (60/392,025) 2002-06-28

[21] **2,488,512**
[13] A1

[51] **Int.Cl. 7G06K 9/00**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR TOUCHLESS DETECTION OF DATA OF UNEVEN SURFACES**
[54] **METHODE ET ARRANGEMENT POUR LA DETECTION SANS CONTACT DE DONNEES A SURFACES INEGALES**
[72] HAUKE, RUDOLF, DE
[72] MERBACH, PETER-MICHAEL, DE
[72] NOTHAFT, HANS-PETER, DE
[71] TBS HOLDING AG, CH
[85] 2004-12-03
[86] 2003-04-10 (PCT/DE2003/001174)
[87] 2004-10-28 (WO2004/093000)
[30] DE (103 15 923.1) 2003-04-08

[21] **2,488,513**
[13] A1

[51] **Int.Cl. 7G06K 9/00**
[25] EN
[54] **METHOD AND DEVICE FOR THE RECOGNITION OF BIOMETRIC DATA FOLLOWING RECORDING FROM AT LEAST TWO DIRECTIONS**
[54] **PROCEDE ET DISPOSITIF DE RECONNAISSANCE DE DONNEES BIOMETRIQUES APRES ENREGISTREMENT A PARTIR D'AU MOINS DEUX DIRECTIONS**
[72] MERBACH, PETER-MICHAEL, DE
[72] NOTHAFT, HANS-PETER, DE
[72] HAUKE, RUDOLF, DE
[71] TBS HOLDING AG, CH
[85] 2004-12-03
[86] 2003-05-14 (PCT/DE2003/001556)
[87] 2004-12-02 (WO2004/104906)

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[13] A1

[51] **Int.Cl. 7G06F 7/00**
[25] EN
[54] **METHOD FOR IMPROVING UNPREDICTABILITY OF OUTPUT OF PSEUDO-RANDOM NUMBER GENERATORS**
[54] **PROCEDES PERMETTANT D'AMELIORER L'IMPREVISIBILITE D'UNE SORTIE DE GENERATEURS DE NOMBRES PSEUDO ALEATOIRES**
[72] PETERSEN, METTE VESTERAGER, DK
[72] SORENSEN, HANS MARTIN BOESGAARD, DK
[71] CRYPTICO A/S, DK
[85] 2004-12-03
[86] 2003-06-06 (PCT/DK2003/000375)
[87] 2003-12-18 (WO2003/104969)
[30] DK (PA 2002 00864) 2002-06-06
[30] DK (PA 2003 00211) 2003-02-12

[21] **2,488,515**
[13] A1

[51] **Int.Cl. 7F03D 11/00**
[25] EN
[54] **LIGHTNING PROTECTION MEANS FOR A WIND TURBINE**
[54] **MOYEN DE PROTECTION CONTRE LA FOUDRE POUR EOLIENNE**
[72] PEDERSEN, BENT HERSO, DK
[71] NED MICON A/S, DK
[85] 2004-12-03
[86] 2003-06-19 (PCT/DK2003/000413)
[87] 2003-12-31 (WO2004/001224)
[30] DK (PA 2002 00935) 2002-06-19

[21] **2,488,525**
[13] A1

[51] **Int.Cl. 7A61K 31/5375 7C07D 221/00 7C07D 263/00 7C07D 498/04 7C07D 271/06 7C07D 413/12 7C07D 295/185 7C07D 213/40 7A61K 31/4245 7A61K 31/5377 7C07D 263/56**
[25] EN
[54] **MORPHOLINE AND TETRAHYDROPYRAN DERIVATIVES AND THEIR USE AS CATHEPSIN INHIBITORS**
[54] **DERIVES DE MORPHOLINE ET DE TETRAHYDROPYRANE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE CATHEPSINE**
[72] LAI, JUSTINE, GB
[72] PATTERSON, JOHN W., US
[72] LINK, JOHN, US
[72] PICKETT, STEPHEN D., GB
[72] THURAIRATNAM, SUKANTHINI, US
[72] ALDOUS, DAVID J., US
[72] LI, JIAYAO, US
[72] TIMM, ANDREAS P., US
[72] HALLEY, FRANK, FR
[72] GRAUPE, MICHAEL, US
[72] PALMER, JAMES T., US
[71] AVENTIS PHARMACEUTICALS INC., US
[71] AXYS PHARMACEUTICALS, US
[85] 2004-12-03
[86] 2003-06-25 (PCT/US2003/019960)
[87] 2004-01-08 (WO2004/002491)
[30] US (10/183,128) 2002-06-26

[21] **2,488,526**
[13] A1

[51] **Int.Cl. 7A61K 47/00**
[25] EN
[54] **STABLE LIQUID PARENTERAL PARECOXIB FORMULATION**
[54] **FORMULATION DE PARECOXIB LIQUIDE STABLE ADMINISTREE PAR VOIE PARENTERALE**
[72] GOKARN, YATIN R., US
[72] SCHARTMAN, RICHARD, US
[71] PHARMACIA CORPORATION, US
[85] 2004-12-03
[86] 2003-06-18 (PCT/US2003/021028)
[87] 2004-01-08 (WO2004/002533)
[30] US (60/391,714) 2002-06-26

[21] **2,488,529**
[13] A1

[51] **Int.Cl. 7G01P 5/00**
[25] EN
[54] **DUAL SCALE VEHICLE GAUGE**
[54] **COMPTEUR DE VEHICULE A DEUX ECHELLES**
[72] QUIGLEY, JON, US
[72] BLACKARD, MICHAEL, US
[71] VOLVO TRUCKS NORTH AMERICA, INC., US
[85] 2004-12-03
[86] 2003-05-30 (PCT/US2003/017019)
[87] 2003-12-11 (WO2003/102600)
[30] US (10/161,429) 2002-06-03

[21] **2,488,535**
[13] A1

[51] **Int.Cl. 7C07J 41/00 7A61P 5/46 7A61K 31/575**
[25] EN
[54] **GLUCOCORTICOID RECEPTOR LIGANDS FOR THE TREATMENT OF METABOLIC DISORDERS**
[54] **LIGANDS DE RECEPTEURS GLUCOCORTICOIDES POUR LE TRAITEMENT DE TROUBLES METABOLIQUES**
[72] RICHARDS, STEVEN J., US
[72] JACOBSON, PEER B., US
[72] VON GELDERN, THOMAS W., US
[72] KYM, PHILIP R., US
[72] BISHOP, RICHARD D., US
[72] GATES, BRADLEY D., US
[72] LAI, CHUNQIU, US
[72] TU, NOAH, SG
[72] LINK, JAMES T., US
[71] KARO BIO AB, SE
[85] 2004-12-03
[86] 2003-06-17 (PCT/US2003/019157)
[87] 2003-12-31 (WO2004/000869)
[30] US (10/174,750) 2002-06-19
[30] US (10/460,491) 2003-06-12

[21] **2,488,540**
[13] A1

[51] **Int.Cl. 7G09B 23/18**
[25] EN
[54] **APPARATUS FOR INTERFACING ELECTRONIC CIRCUITS**
[54] **APPAREIL D'INTERFACAGE DE CIRCUITS ELECTRONIQUES**
[72] SWETLAND, PAUL A., US
[71] SWETLAND, PAUL A., US
[85] 2004-12-03
[86] 2003-05-27 (PCT/US2003/016639)
[87] 2003-12-18 (WO2003/105109)
[30] US (10/163,138) 2002-06-05

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[13] A1

[51] **Int.Cl. 7F03D 1/00 7B65D 90/00**
[25] EN
[54] **DEVICE FOR HANDLING ROTOR BLADES**
[54] **DISPOSITIF POUR MANIPULER DES PALES DE ROTOR**
[72] WOB BEN, ALOYS, DE
[71] WOB BEN, ALOYS, DE
[85] 2004-12-03
[86] 2003-06-04 (PCT/EP2003/005811)
[87] 2003-12-18 (WO2003/104645)
[30] DE (102 25 025.1) 2002-06-06

[21] **2,488,542**
[13] A1

[51] **Int.Cl. 7F03D 11/00 7F21S 8/00 7F21V 11/00**
[25] EN
[54] **HAZARD NAVIGATION LIGHT FOR WIND TURBINES**
[54] **FEU DE BALISAGE POUR TURBINE EOLIENNE**
[72] WOB BEN, ALOYS, DE
[71] WOB BEN, ALOYS, DE
[85] 2004-12-03
[86] 2003-06-04 (PCT/EP2003/005812)
[87] 2003-12-18 (WO2003/104649)
[30] DE (102 25 288.2) 2002-06-07

[21] **2,488,543**
[13] A1

[51] **Int.Cl. 7D21H 17/57 7C09K 11/00**
[25] EN
[54] **TRIAZINYLAMINOSTILBENE DISULPHONIC ACID MIXTURES**
[54] **MELANGES D'ACIDES DISULPHONIQUES**
[54] **TRIAZINYLAMINOSTILBENE**
[72] CUESTA, FABIENNE, FR
[72] NAEF, ROLAND, CH
[72] TRABER, RAINER HANS, CH
[72] METZGER, GEORGES, FR
[72] ROHRINGER, PETER, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2004-12-03
[86] 2003-06-26 (PCT/EP2003/006789)
[87] 2004-01-15 (WO2004/005617)
[30] EP (02405565.9) 2002-07-05

[21] **2,488,544**
[13] A1

[51] **Int.Cl. 7F02C 7/00**
[25] EN
[54] **FLAME DETECTION METHOD AND APPARATUS FOR GAS TURBINE EXHAUST PATH**
[54] **PROCEDE ET APPAREIL POUR DETECTER LA PRESENCE D'UNE FLAMME DANS LE TRAJET DES GAZ D'ECHAPPEMENT D'UN MOTEUR A TURBINE A GAZ**
[72] PLIMPTON, JONATHAN, US
[72] JUBINVILLE, LEO, US
[72] DUCKLESS, EDWARD, US
[71] VIBRO-METER INC., US
[85] 2004-12-03
[86] 2003-06-03 (PCT/US2003/017040)
[87] 2003-12-11 (WO2003/102494)
[30] US (60/388,604) 2002-06-03

[21] **2,488,551**
[13] A1

[51] **Int.Cl. 7B32B 27/32**
[25] EN
[54] **ORIENTED FILMS COMPRISING POLYPROPYLENE / OLEFIN ELASTOMER BLENDS**
[54] **PELLICULES POLYMERIQUES ORIENTEES DANS LE SENS MACHINE ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] HENDERSON, KEVIN O., US
[71] AVERY DENNISON CORPORATION, US
[85] 2004-12-03
[86] 2003-06-26 (PCT/US2003/020281)
[87] 2004-01-08 (WO2004/003874)
[30] US (60/391,983) 2002-06-26
[30] US (60/424,883) 2002-11-08

[21] **2,488,553**
[13] A1

[51] **Int.Cl. 7C23C 18/16 7C23C 18/20**
[25] EN
[54] **PROCESS FOR METALLISING SUPPORT MEDIA MADE FROM PLASTIC MATERIAL**
[54] **PROCEDE DE METALLISATION DE SUPPORTS EN MATIERE PLASTIQUE**
[72] FARES-KARAM, ANTOINE, FR
[71] FCI, FR
[85] 2004-12-03
[86] 2003-06-06 (PCT/EP2003/050217)
[87] 2003-12-18 (WO2003/104526)
[30] FR (02 06954) 2002-06-06

[21] **2,488,556**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 9/70**
[25] EN
[54] **COMBINATION THERAPY AND MEANS FOR CARRYING OUT SAID THERAPY**
[54] **POLY THERAPIE ET MOYENS POUR SA MISE EN OEUVRE**
[72] HILLE, THOMAS, DE
[72] WESLING, WERNER, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2004-12-03
[86] 2003-06-12 (PCT/EP2003/006146)
[87] 2004-01-15 (WO2004/004681)
[30] DE (102 30 558.7) 2002-07-05

[21] **2,488,562**
[13] A1

[51] **Int.Cl. 7C07D 473/00**
[25] EN
[54] **SYNTHESIS OF PURINE DERIVATIVES**
[54] **SYNTHESE DE DERIVES DE LA PURINE**
[72] KRAUSS, NANCY ELISABETH, US
[72] TALAMAS, FRANCISCO XAVIER, US
[72] LABADIE, SHARADA SHENVI, US
[72] HAMMARSTROEM, LARS G. J., US
[72] SMITH, DAVID BERNARD, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2004-12-03
[86] 2003-06-23 (PCT/EP2003/006568)
[87] 2004-01-08 (WO2004/002990)
[30] US (60/392,081) 2002-06-27

[21] **2,488,566**
[13] A1

[51] **Int.Cl. 7A61K 31/197 7A61K 31/195 7A61K 31/4245**
[25] EN
[54] **USE OF AN ALPHA2DELTA LIGAND SUCH AS GABAPENTIN OR PREGABALIN FOR TREATING ATTENTION DEFICIT HYPERACTIVITY DISORDER**
[54] **METHODE DE TRAITEMENT DU TROUBLE D'HYPERACTIVITE AVEC DEFICIT DE L'ATTENTION**
[72] DOOLEY, DAVID JAMES, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2004-12-03
[86] 2003-06-16 (PCT/IB2003/002666)
[87] 2004-01-08 (WO2004/002462)
[30] US (60/392,140) 2002-06-27

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[21] **2,488,569**
[13] A1

[51] **Int.Cl. 7D06L 1/00**
[25] EN
[54] **CLEANING TEXTILES**
[54] **NETTOYAGE DE TEXTILES**
[72] IRVINE, DEREK JOHN, GB
[72] BLEASE, TREVOR GRAHAM, GB
[72] MOTSON, HAROLD RUSSELL, GB
[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB
[85] 2004-12-03
[86] 2003-06-24 (PCT/GB2003/002703)
[87] 2003-12-31 (WO2004/001119)
[30] GB (PCT/GB02/02846) 2002-06-24

[21] **2,488,577**
[13] A1

[51] **Int.Cl. 7A63F 9/24**
[25] EN
[54] **SERVER-LESS CASHLESS GAMING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE JEUX SANS ESPECES ET SANS SERVEUR**
[72] GATTO, JEAN-MARIE, GB
[72] BRUNET DE COURSSOU, THIERRY, US
[71] CYBERSCAN TECHNOLOGY, INC., US
[85] 2004-12-03
[86] 2003-03-26 (PCT/US2003/009638)
[87] 2003-12-18 (WO2003/104946)
[30] US (10/163,177) 2002-06-05

[21] **2,488,606**
[13] A1

[51] **Int.Cl. 7C07D 213/74 7A61P 7/02 7C07D 401/06 7C07D 405/06 7C07D 409/06 7C07D 221/22 7A61K 31/427 7A61K 31/439 7A61K 31/44**
[25] EN
[54] **2,5-DISUBSTITUTED 3-MERCAPTOPENTANOIC ACID**
[54] **ACIDE 2,5-BISUBSTITUE 3-MERCAPTOPENTANOIQUE**
[72] POLLA, MAGNUS, SE
[71] ASTRAZENECA AB, SE
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[86] 2003-06-10 (PCT/SE2003/000970)
[87] 2003-12-24 (WO2003/106420)
[30] SE (0201837-2) 2002-06-14

[21] **2,488,612**
[13] A1

[51] **Int.Cl. 7B25F 5/02 7B27C 5/10**
[25] EN
[54] **POWER TOOL HANDLE**
[54] **MANCHE D'OUTIL A COMMANDE MECANIQUE**
[72] HATCH, PAUL D., US
[72] RILEY, JONATHAN, US
[72] SLOBODKIN, ROMAN, US
[72] POZGAY, DAVID, US
[71] CREDO TECHNOLOGY CORPORATION, US
[85] 2004-12-03
[86] 2003-06-02 (PCT/US2003/017379)
[87] 2003-12-11 (WO2003/101672)
[30] US (10/161,944) 2002-06-04

[21] **2,488,620**
[13] A1

[51] **Int.Cl. 7H05B 3/74**
[25] EN
[54] **COOKING SYSTEM COMPRISING A DIRECTLY HEATED GLASS-CERAMIC PLATE**
[54] **SYSTEME DE CUISSON A PLAQUE VITROCERAMIQUE CHAUFFEE DIRECTEMENT**
[72] WERMBTER, KARSTEN, DE
[72] KLIPPE, LUTZ, DE
[72] NASS, PETER, DE
[71] SCHOTT AG, DE
[85] 2004-12-03
[86] 2003-05-26 (PCT/EP2003/005493)
[87] 2003-12-18 (WO2003/105531)
[30] DE (102 25 337.4) 2002-06-06

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[13] A1

[51] **Int.Cl. 7B32B 27/12 7B32B 31/00 7D06N 3/00 7B60R 21/16**
[25] EN
[54] **AIRBAG AND METHOD FOR PRODUCING AN AIRBAG**
[54] **AIRBAG ET PROCEDE DE PRODUCTION D'UN AIRBAG**
[72] BERGER, JOHANN, DE
[72] RUSCHULTE, JOERG, DE
[72] HUBER, NORBERT, DE
[72] SAINT-DENIS, HOLGER, DE
[71] BERGER SEIBA-TECHNOTEX GMBH & CO., DE
[85] 2004-12-03
[86] 2003-05-30 (PCT/EP2003/005697)
[87] 2003-12-11 (WO2003/101731)
[30] DE (102 24 771.4) 2002-06-04

[21] **2,488,634**
[13] A1

[51] **Int.Cl. 7C25B 15/08 7C25B 9/08**
[25] EN
[54] **DISTRIBUTING ELEMENT FOR ELECTROLYTE PERCOLATION ELECTROCHEMICAL CELL**
[54] **ELEMENT DISTRIBUTION DESTINE A UNE CELLULE ELECTROCHIMIQUE A PERCOLATION ELECTROLYTIQUE**
[72] PASQUINUCCI, ANTONIO, IT
[72] OLDANI, DARIO, IT
[71] DE NORA ELETTRODI S.P.A., IT
[85] 2004-12-03
[86] 2003-05-30 (PCT/EP2003/005709)
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[13] A1

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[25] EN
[54] **ANTAGONISTS OF MELANIN CONCENTRATING HORMONE RECEPTOR**
[54] **ANTAGONISTES DU RECEPTEUR DE L'HORMONE DE MELANO-CONCENTRATION**
[72] VASUDEVAN, ANIL, US
[72] WODKA, DARIUSZ, US
[72] BLACKBURN, CHRISTOPHER, US
[72] MULHERN, MATHEW M., US
[72] LAMARCHE, MATTHEW J., US
[72] FREEMAN, JENNIFER C., US
[72] SOUERS, ANDREW J., US
[72] MAGUIRE, MARTIN, US
[72] BROWN, JAMES, US
[72] LYNCH, JOHN K., US
[72] IYENGAR, RAJESH, US
[72] CULLIS, COURTNEY A., US
[72] LEE, JENNIFER G., US
[72] GAO, JU, US
[72] PATANE, MICHAEL A., US
[72] LAI, SU-JEN, US
[71] ABBOTT LABORATORIES, US
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[86] 2003-06-11 (PCT/US2003/018346)
[87] 2003-12-24 (WO2003/106452)
[30] US (60/388,037) 2002-06-12

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[51] **Int.Cl. 7C08G 18/40 7C08G 18/62 7C08G 18/76**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF POLYURETHANE FOAM MATERIALS**
[54] **PROCEDE DE PRODUCTION DE MOUSSES DE POLYURETHANNE**
[72] FRERICKS, ANSGAR, DE
[72] TEMPLIN, MARKUS, DE
[72] LUTTER, HEINZ-DIETER, DE
[72] RODEWALD, DIETER, DE
[72] BINDER, HORST, DE
[72] KREYENSCHMIDT, MARTIN, DE
[72] BRUCHMANN, BERND, DE
[71] BASF AKTIENGESELLSCHAFT, DE
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[87] 2003-12-24 (WO2003/106528)
[30] DE (102 26 414.7) 2002-06-13

[21] **2,488,649**
[13] A1

[51] **Int.Cl. 7B42D 15/10 7B42D 15/00**
[25] EN
[54] **PROTECTIVE COATING FOR DOCUMENTS**
[54] **REVETEMENT DE PROTECTION DESTINE A DES DOCUMENTS**
[72] KREUTER, RUEDIGER, DE
[71] DATACARD CORPORATION, US
[85] 2004-12-03
[86] 2003-06-13 (PCT/EP2003/006249)
[87] 2003-12-24 (WO2003/106190)
[30] DE (102 26 386.8) 2002-06-13

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[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/02**
[25] EN
[54] **FUEL CELL WITH EVAPORATIVE COOLING AND HUMIDIFICATION**
[54] **PILE A COMBUSTIBLE A REFROIDISSEMENT PAR EVAPORATION ET HUMIDIFICATION**
[72] LENARDON, MATTEO, IT
[72] LIOTTA, MARCELLO, IT
[72] FLEBA, GIAN PIERO, IT
[72] TRIFONI, EDUARDO, IT
[72] FACCHI, DANIELE, IT
[72] MERLO, LUCA, IT
[72] TRAINI, FABIO, IT
[72] ORNELAS JACOBO, RUBEN, IT
[72] TORO, ANTONINO, IT
[71] NUVERA FUEL CELLS EUROPE S.R.L., IT
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[86] 2003-06-16 (PCT/EP2003/006327)
[87] 2003-12-24 (WO2003/107465)
[30] IT (MI2002 A 001338) 2002-06-17

[21] **2,488,660**
[13] A1

[51] **Int.Cl. 7D21G 9/00 7D21G 1/00 7D21G 7/00**
[25] EN
[54] **METHOD, SYSTEM AND CALENDER FOR CONTROLLING THE MOISTURE PROFILE AND/OR MOISTURE GRADIENT OF A PAPER WEB, AND A WEB**
[54] **PROCEDE, SYSTEME ET CALANDRE SERVANT A REGULER LE PROFIL D'HUMIDITE ET/OU LE GRADIENT D'HUMIDITE D'UNE BANDE DE PAPIER, ET BANDE ASSOCIEE**
[72] LINNONMAA, PEKKA, FI
[72] LATTI, HANNU, FI
[72] HEIKKINEN, ANTTI, FI
[72] KYYSOENEN, MARKKU, FI
[72] KUOSA, HARRI, FI
[72] JAAKKOLA, MARKKO, FI
[71] METSO PAPER, INC., FI
[85] 2004-12-03
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[87] 2003-12-31 (WO2004/001126)
[30] FI (20021200) 2002-06-19

[21] **2,488,664**
[13] A1

[51] **Int.Cl. 7D06L 1/00**
[25] EN
[54] **METHOD FOR CLEANING TEXTILES**
[54] **PROCEDE DE NETTOYAGE DE TEXTILES**
[72] IRVINE, DEREK JOHN, GB
[72] APPLEMAN, ERIC, NL
[72] MOTSON, HAROLD RUSSELL, GB
[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB
[85] 2004-12-03
[86] 2002-06-24 (PCT/GB2002/002846)
[87] 2003-12-31 (WO2004/001120)

[21] **2,488,689**
[13] A1

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[25] EN
[54] **ACOUSTICAL VIRTUAL REALITY ENGINE AND ADVANCED TECHNIQUES FOR ENHANCING DELIVERED SOUND**
[54] **MOTEUR DE REALITE VIRTUELLE ACOUSTIQUE ET TECHNIQUES AVANCEES POUR L'AMELIORATION D'UN SON DELIVRE**
[72] BARBER, JAMES, US
[72] PADDOCK, THOMAS, US
[71] SONIC FOCUS, INC., US
[85] 2004-12-06
[86] 2003-06-05 (PCT/US2003/017788)
[87] 2003-12-18 (WO2003/104924)
[30] US (60/386,541) 2002-06-05
[30] US (60/472,180) 2003-05-20

[21] **2,488,696**
[13] A1

[51] **Int.Cl. 7C07C 229/76 7C07F 11/00 7C07F 13/00 7C07F 15/02 7C07F 15/04 7C07F 15/06 7A23K 1/175**
[25] EN
[54] **METAL COMPLEXES OF ALPHA AMINO DICARBOXYLIC ACIDS**
[54] **COMPLEXES METALLIQUES D'ACIDES ALPHA AMINO DICARBOXYLIQUES**
[72] ANDERSON, MICHAEL D., US
[72] ABDEL-MONEM, MAHMOUD M., US
[71] ZINPRO CORPORATION, US
[85] 2004-12-06
[86] 2003-08-25 (PCT/US2003/026672)
[87] 2004-04-29 (WO2004/035524)
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[51] **Int.Cl. 7C07C 13/00 7C07F 7/08 7C07C 15/12 7C07C 13/465**
[25] EN
[54] **CROSS-COUPLING SYNTHESIS OF ALKYL (DIALKYLPHENYL) INDENES**
[54] **SYNTHESE DE COUPLAGE CROISE D'INDENES ALKYLE (DIALKYLE PHENYLE)**
[72] BARNES, HAMLIN H., US
[71] BOULDER SCIENTIFIC COMPANY, US
[85] 2004-12-06
[86] 2003-05-28 (PCT/US2003/017302)
[87] 2003-12-11 (WO2003/101601)
[30] US (10/161,850) 2002-06-04

[21] **2,488,784**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **SCHEDULING METHOD AND APPARATUS FOR HALF-DUPLEX TRANSMISSION**
[54] **PROCEDE D'ORDONNANCEMENT ET DISPOSITIF DE TRANSMISSION EN SEMI-DUPLEX**
[72] LENZINI, LUCIANO, IT
[72] MINGOZZI, ENZO, IT
[71] NOKIA CORPORATION, FI
[85] 2004-12-06
[86] 2002-06-27 (PCT/IB2002/002419)
[87] 2004-01-08 (WO2004/004244)

[21] **2,488,790**
[13] A1

[51] **Int.Cl. 7C22C 38/24**
[25] EN
[54] **STEEL AND MOULD TOOL FOR PLASTIC MATERIALS MADE OF THE STEEL**
[54] **ACIER ET OUTIL DE MOULAGE POUR PRODUITS PLASTIQUES FABRIQUES AVEC CET ACIER**
[72] SANDBERG, ODD, SE
[71] UDDEHOLM TOOLING AKTIEBOLAG, SE
[85] 2004-12-06
[86] 2003-05-07 (PCT/SE2003/000728)
[87] 2003-12-24 (WO2003/106727)
[30] SE (0201800-0) 2002-06-13
[30] SE (0300215-1) 2003-01-30

[21] **2,488,733**
[13] A1

[51] **Int.Cl. 7A61B 5/103 7A61F 2/68 7A61F 2/76**
[25] EN
[54] **SOCKET LINER INCORPORATING SENSORS TO MONITOR AMPUTEE PROGRESS**
[54] **GAINÉ AVEC CAPTEURS PERMETTANT DE SURVEILLER L'EVOLUTION D'UNE AMPUTATION**
[72] KARASON, GUDJON G., SE
[72] THORSTEINSSON, FREYGARDUR, IS
[72] JANUSSON, HILMAR BR., IS
[71] OSSUR ENGINEERING, INC., US
[71] OSSUR ENGINEERING, INC., US
[85] 2004-12-06
[86] 2003-07-08 (PCT/US2003/022330)
[87] 2004-01-15 (WO2004/004601)
[30] US (60/394,804) 2002-07-08

[21] **2,488,785**
[13] A1

[51] **Int.Cl. 7C07D 233/02 7A61P 35/04 7A61P 19/06 7C07D 401/12 7C07D 403/12 7C07D 413/12 7C07D 417/12 7A61P 31/12 7C07D 401/14 7C07D 403/14 7C07D 405/14 7C07D 409/14 7C07D 413/14 7C07D 417/14 7A61K 31/4178 7A61K 31/4184 7A61K 31/4196 7A61K 31/422 7A61K 31/427 7A61K 31/428 7A61K 31/433 7A61K 31/4439 7A61K 31/454 7A61K 31/4709 7A61K 31/4725 7A61K 31/496 7A61K 31/497 7A61K 31/498 7A61K 31/517 7A61K 31/5415 7A61K 31/55 7A61K 31/5513**
[25] EN
[54] **AMINE COMPOUNDS AND USE THEREOF**
[54] **COMPOSES AMINES ET LEURS UTILISATION**
[72] KUMAKURA, SEI, JP
[72] SAITOU, ATSUSHI, JP
[72] ONO, MASAHIRO, JP
[72] YAMAZAKI, TORU, JP
[72] KIKUMOTO, SHIGEYUKI, JP
[72] TAKAHASHI, HARUKA, JP
[72] HIROSE, KUNITAKA, JP
[72] SUZUKI, SHIGERU, JP
[72] YANAKA, MIKIRO, JP
[72] TAKEMURA, YOSHIYUKI, JP
[72] MATSUI, RYO, JP
[71] KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED, JP
[85] 2004-12-06
[86] 2003-09-05 (PCT/JP2003/011381)
[87] 2004-03-25 (WO2004/024697)
[30] JP (2002-265247) 2002-09-11

[21] **2,488,793**
[13] A1

[51] **Int.Cl. 7C22C 38/24**
[25] EN
[54] **COLD WORK STEEL AND COLD WORK TOOL**
[54] **ACIER POUR ECROUISSAGE ET OUTIL D'ECROUISSAGE**
[72] JOHANSSON, BOERJE, SE
[72] SANDBERG, ODD, SE
[71] UDDEHOLM TOOLING AKIEBOLAG, SE
[85] 2004-12-06
[86] 2003-06-06 (PCT/SE2003/000940)
[87] 2003-12-24 (WO2003/106728)
[30] SE (0201799-4) 2002-06-13
[30] SE (0300200-3) 2003-01-29

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[13] A1

[51] **Int.Cl. 7E21B 49/00 7G01V 1/36**
[25] EN
[54] **METHOD FOR REGRESSION ANALYSIS OF FORMATION PARAMETERS**
[54] **PROCEDE D'ANALYSE IN-SITU DE PARAMETRES DE FORMATION**
[72] MEISTER, MATTHIAS, DE
[72] KRUEGER, SVEN, DE
[72] NIEMEYER, EICK, DE
[71] BAKER HUGHES INCORPORATED, US
[85] 2004-12-06
[86] 2003-06-06 (PCT/US2003/018050)
[87] 2003-12-18 (WO2003/104602)
[30] US (10/164,970) 2002-06-06

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[51] **Int.Cl. 7A61K 31/404 7A61P 29/00 7A61P 37/02 7C07D 403/04 7A61K 31/416**
[25] EN
[54] **SUBSTITUTED PYRROLINES AS KINASE INHIBITORS**
[54] **PYRROLINES SUBSTITUEES EN TANT QU'INHIBITEURS DE KINASE**
[72] YE, HONG, US
[72] CONWAY, BRUCE R., US
[72] HECKER, LEONARD, US
[72] ZHANG, HAN-CHENG, US
[72] MARYANOFF, BRUCE E., US
[72] MCCOMSEY, DAVID F., US
[72] WHITE, KIMBERLY, US
[72] DEMAREST, KEITH, US
[71] JANSSEN PHARMACEUTICA NAAMLOZE VENNOOTSCHAP, BE
[85] 2004-12-06
[86] 2003-06-04 (PCT/US2003/017518)
[87] 2003-12-18 (WO2003/103663)
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[13] A1

[51] **Int.Cl. 7A62B 35/04**

[25] EN

[54] **TWO-WAY LOCKING DEVICE FOR HEIGHT SAFETY APPARATUS**
[54] **DISPOSITIF DE VERROUILLAGE BIDIRECTIONNEL DESTINE A UN APPAREIL DE SECURITE DE HAUTEUR**

[72] FLUX, PETER ROBERT, GB

[71] LATCHWAYS PLC, GB

[85] 2004-12-08

[86] 2003-06-13 (PCT/GB2003/002575)

[87] 2003-12-24 (WO2003/105960)

[30] GB (0213744.6) 2002-06-14

[21] **2,489,318**

[13] A1

[51] **Int.Cl. 7F02M 25/08**

[25] EN

[54] **ADSORBENT OF LATENT-HEAT STORAGE TYPE FOR CANISTER AND PROCESS FOR PRODUCING THE SAME**

[54] **ADSORBANT DE TYPE A STOCKAGE DE CHALEUR LATENTE DESTINE A UNE BOITE METALLIQUE ET SON PROCEDE DE PRODUCTION**

[72] SEKI, KENJI, JP

[71] OSAKA GAS CO., LTD., JP

[85] 2004-12-09

[86] 2003-06-06 (PCT/JP2003/007177)

[87] 2003-12-24 (WO2003/106833)

[30] JP (2002-176650) 2002-06-18

[30] JP (2002-238797) 2002-08-20

[21] **2,489,324**

[13] A1

[51] **Int.Cl. 7G06F 17/30**

[25] EN

[54] **STORAGE SYSTEM HAVING PARTITIONED MIGRATABLE METADATA**

[54] **SYSTEME DE STOCKAGE COMPORTANT DES METADONNEES PARTITIONNEES SUSCEPTIBLES DE MIGRER**

[72] MANCZAK, OLUF W., US

[72] RAMOS, LUIS, US

[72] QURESHI, WAHEED, US

[72] NOWICKI, KACPER, US

[71] AGAMI SYSTEMS, INC., US

[85] 2004-12-09

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[87] 2003-12-24 (WO2003/107219)

[21] **2,492,008**

[13] A1

[51] **Int.Cl. 7C12N 15/64 7C12N 15/63**

[25] EN

[54] **METHODS VECTORS PLASMIDS AND METHODS FOR INCREASING EXPRESSION OF RECOMBINANT POLYPEPTIDES**

[54] **PLASMIDES DE VECTEURS MULTIGENIQUES ET METHODES D'ACCROISSEMENT DE L'EXPRESSION DE POLYPEPTIDES RECOMBINANTS**

[72] HORWITZ, ARNOLD H., US

[71] XOMA TECHNOLOGY LTD., US

[85] 2004-09-28

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[87] 2004-04-22 (WO2004/033693)

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[13] A1
[51] Int.Cl. 7B27G 13/00 7B27C 1/00
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[25] EN
[54] **WOOD CUTTING KNIFE ASSEMBLY PROVIDING IMPROVED KNIFE STABILITY**
[54] **COUTEAU A BOIS A STABILITE AMELIOREE**
[72] MARSHALL, PETER J., US
[72] STAGER, BRADLEY R., US
[72] LUECKE, JOHN S., US
[72] KNAPPETT, ANDREW, CA
[72] RUSAW, BRIAN J., CA
[71] KEY KNIFE, INC., US
[22] 2003-12-19
[41] 2004-04-10
[62] 2,453,688
[30] US (10/672,989) 2003-09-25

[21] **2,489,805**
[13] A1
[51] Int.Cl. 7B23B 31/107 7B23C 5/10
7B23Q 3/12
[25] EN
[54] **SHANK ATTACHING STRUCTURE AND CUTTER**
[54] **STRUCTURE DE FIXATION DE TIGE ET OUTILS DE COUPE**
[72] MIYANAGA, MASAOKI, JP
[71] KABUSHIKI KAISHA MIYANAGA, JP
[22] 2000-10-10
[41] 2001-04-26
[62] 2,385,578
[30] JP (11/297091) 1999-10-19
[30] JP (11/297116) 1999-10-19
[30] JP (2000-173959) 2000-06-09

[21] **2,489,809**
[13] A1
[51] Int.Cl. 7A61K 9/70 7A61K 9/22
[25] EN
[54] **ACTIVE SUBSTANCE CONTROLLED RELEASE DEVICES AND PROCESS FOR PRODUCING THE SAME**
[54] **DISPOSITIFS DE LIBERATION CONTROLEE DE PRINCIPES ACTIFS ET LEUR PROCEDE DE PRODUCTION**
[72] CREMER, KARSTEN, DE
[71] LTS LOHMANN THERAPIE-SYSTEM AG, DE
[22] 1995-05-08
[41] 1995-11-23
[62] 2,189,991
[30] DE (P4416926.4) 1994-05-13

[21] **2,489,782**
[13] A1
[51] Int.Cl. 7H04M 1/24 7H04M 1/57
[25] EN
[54] **MULTI-PORT CALLER ID-BASED TELEPHONE RINGBACK TEST DEVICE**
[54] **DISPOSITIF D'ESSAI TELEPHONIQUE MULTI-ACCES A RETOUR DE SONNERIE, UTILISANT L'IDENTIFICATION D'APPELANT**
[72] KENNEDY, MICHAEL, US
[72] POTTS, JOSEPH A., US
[71] FLUKE CORPORATION, US
[22] 1997-05-14
[41] 1997-11-16
[62] 2,205,345
[30] US (60/017760) 1996-05-16

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[51] Int.Cl. 7H04N 7/173 7H04N 7/08
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[25] EN
[54] **TELEVISION SCHEDULE SYSTEM WITH ACCESS CONTROL**
[54] **STSEME DE PROGRAMMATION DE TELEVISION A ACCES CONTROLE**
[72] FOLKER, DAVID, US
[72] CASEMENT, MARCY, US
[72] BURGESS, ANDREW, US
[71] STARSIGHT TELECAST, INCORPORATED, US
[22] 1997-05-23
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[62] 2,255,690
[30] US (08/654,997) 1996-05-29

[21] **2,489,812**
[13] A1
[51] Int.Cl. 7H04Q 7/38
[25] EN
[54] **MOBILE RADIO COMMUNICATION SYSTEMS, MOBILE STATION AND METHOD FOR CONTROLLING DIVERSITY HAND-OVER BRANCH**
[54] **SYSTEME DE RADIOCOMMUNICATION MOBILE, STATION MOBILE ET PROCEDE DE COMMANDE DES VOIES DE PASSAGE DE DIVERSITE**
[72] SATO, TAKAOKI, JP
[72] TAMURA, MOTOSHI, JP
[72] OHTANI, TOMOYUKI, JP
[71] NTT MOBILE COMMUNICATIONS NETWORKS INC., JP
[22] 1998-06-03
[41] 1998-12-10
[62] 2,262,960
[30] JP (146,940/1997) 1997-06-04

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[13] A1
[51] **Int.Cl. 7B67D 5/08 7B05C 5/00 7B67D 5/18 7B67D 5/63**
[25] EN
[54] **FLIP CHIP UNDERFILL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DEPOT DE MATIERE VISQUEUSE SOUS UNE PUCE A BOSSES**
[72] LEWIS, ALAN R., US
[72] MEIER, MARK S., US
[72] BABIARZ, ALEC J., US
[72] BOURAS, CARLOS E., US
[72] LA, DUONG T., US
[72] GAMELIN, ANDRE S., US
[71] NORDSON CORPORATION, US
[22] 1996-10-08
[41] 1997-04-17
[62] 2,232,973
[30] US (08/543,052) 1995-10-13

[21] **2,490,084**
[13] A1
[51] **Int.Cl. 7B01J 19/24**
[25] EN
[54] **MULTIPHASE STAGED PASSIVE REACTOR**
[54] **REACTEUR PASSIF ETAGE A PLUSIEURS PHASES**
[72] BODNARAS, GEORGE, AU
[71] ATOMAER PTY LTD., AU
[22] 1994-06-03
[41] 1994-12-22
[62] 2,164,340
[30] AU (PL9180) 1993-06-03

[21] **2,490,623**
[13] A1
[51] **Int.Cl. 7B62B 1/04 7B62B 1/12**
[25] EN
[54] **VERTICALLY FOLDING HAND TRUCK AND METHODS OF ITS OPERATION AND CONSTRUCTION**
[54] **CHARIOT MANUEL REPLIABLE VERTICALEMENT ET METHODE DE FONCTIONNEMENT ET DE CONSTRUCTION**
[72] DURHAM, STEPHEN P., US
[71] MAGLINE, INC., US
[22] 2001-07-13
[41] 2002-01-17
[62] 2,353,055
[30] US (60/218,704) 2000-07-17

[21] **2,490,625**
[13] A1
[51] **Int.Cl. 7C12Q 1/04 7C12Q 1/34**
[25] EN
[54] **PRECIPITATE TEST FOR MICROORGANISMS**
[54] **TEST DE PRECIPITATION POUR MICRO-ORGANISMES**
[72] MARSHALL, ELLIOTT D., III, US
[72] DESROSIER, JOHN P., US
[72] FORD, JUDITH, US
[72] MALLINAK, NANCY J. S., US
[72] WARD, N. ROBERT, JR., US
[71] BIOCONTROL SYSTEMS, INCORPORATED, US
[22] 1990-04-27
[41] 1990-11-01
[62] 2,062,753
[30] US (345,033) 1989-04-27

[21] **2,490,630**
[13] A1
[51] **Int.Cl. 7H04L 12/28 7H04Q 9/00 7H04M 11/06 7H04B 3/54**
[25] EN
[54] **LOCAL AREA NETWORK OF SERIAL INTELLIGENT CELLS**
[54] **RESEAU LOCAL DE CELLULES INTELLIGENTES SERIE**
[72] BINDER, YEHUDA, IL
[71] SERCONET LTD., IL
[22] 1999-07-12
[41] 2000-02-10
[62] 2,338,663
[30] US (09/123,486) 1998-07-28

[21] **2,490,634**
[13] A1
[51] **Int.Cl. 7A47L 9/00**
[25] EN
[54] **SELF-EVACUATING VACUUM CLEANER**
[54] **ASPIRATEUR A EVACUATION AUTOMATIQUE**
[72] BERFIELD, ROBERT C., US
[72] CREVLING, ROBERT L., US
[72] SEASHOLTZ, CRAIG A., US
[72] BUSS, RANDY L., US
[71] SHOP VAC CORPORATION, US
[22] 1997-07-11
[41] 1998-01-22
[62] 2,219,682
[30] US (08/678,997) 1996-07-12
[30] US (08/727,318) 1996-10-08
[30] US (08/802,333) 1997-02-11

[21] **2,490,639**
[13] A1
[51] **Int.Cl. 7E21F 1/14 7E21F 1/10 7E21F 17/103 7E04B 1/343**
[25] EN
[54] **MINE STOPPING HAVING A SWINGING DOOR**
[54] **CLOISON DE FERMETURE DE MINE COMPRENANT UNE PORTE VA-ET-VIENT**
[72] KENNEDY, WILLIAM R., US
[72] KENNEDY, JOHN M., US
[71] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US
[22] 1999-11-08
[41] 2000-05-09
[62] 2,288,597
[30] US (09/188,918) 1998-11-09

[21] **2,490,641**
[13] A1
[51] **Int.Cl. 7B05C 17/01 7B67D 5/08**
[25] EN
[54] **DISPENSER GUN FOR VISCOUS OR SEMI-VISCOUS PRODUCTS**
[54] **PISTOLET VAPORISATEUR POUR PRODUITS VISQUEUX OU SEMI-VISQUEUX**
[72] WOODRUFF, KEITH F., US
[71] BASF AKTIENGESELLSCHAFT, DE
[22] 1994-06-21
[41] 1994-12-24
[62] 2,453,911
[30] US (08/082,405) 1993-06-23
[30] US (08/151,729) 1993-11-12

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,490,820**
[13] A1

[51] **Int.Cl. 7A61L 9/12**
[25] EN
[54] **ARTICLES, SYSTEMS AND METHODS FOR DISPENSING VOLATILE MATERIALS INTO THE ENVIRONMENT**
[54] **ARTICLES, SYSTEMES ET PROCEDES DESTINES A LA DIFFUSION DE MATIERES VOLATILES DANS L'ENVIRONNEMENT**
[72] OWENS, GROVER DAVID, US
[72] BARTSCH, ERIC RICHARD, US
[72] LAUDAMIEL-PELLET, CHRISTOPHE, US
[72] BUSH, STEPHAN GARY, US
[72] WESTRING, BRICE DANIEL, US
[72] TRINH, TOAN, US
[72] KVIETOK, FRANK ANDREJ, US
[72] KAISER, CARL ERIC, US
[72] PALJIEG, STEPHEN JOSEPH, US
[72] GOODALL, KEVIN GEORGE, US
[72] RODRIGUEZ, PEDRO ANTONIO, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2001-07-26
[41] 2002-02-07
[62] 2,416,576
[30] US (PCT/US00/20499) 2000-07-27
[30] US (60/251,067) 2000-12-04
[30] US (09/730,226) 2000-12-05
[30] US (09/730,261) 2000-12-05
[30] US (09/730,333) 2000-12-05

[21] **2,490,834**
[13] A1

[51] **Int.Cl. 7B42D 15/00**
[25] EN
[54] **A DATA CARRIER WITH AN OPTICALLY VARIABLE ELEMENT**
[54] **SUPPORT DE DONNEES PORTANT UN ELEMENT OPTIQUEMENT VARIABLE**
[72] BRAUN, ECKHARD, DE
[72] MULLER, JOHANN, DE
[72] PLASCHKA, REINHARD, DE
[72] DANIEL, FRANZ, DE
[71] GIESECKE & DEVRIENT GMBH, DE
[22] 1996-11-02
[41] 1997-05-15
[62] 2,209,285
[30] DE (195 41 064.5) 1995-11-03

[21] **2,490,839**
[13] A1

[51] **Int.Cl. 7G01S 5/18 7G01H 5/00 7G01S 15/58**
[25] EN
[54] **APPARATUS FOR DEPLOYING A LOAD TO AN UNDERWATER TARGET POSITION WITH ENHANCED ACCURACY AND A METHOD TO CONTROL SUCH APPARATUS**
[54] **APPAREIL A PRECISION RENFORCEE PERMETTANT L'INSTALLATION D'UNE CHARGE EN UNE POSITION CIBLE SOUS-MARINE ET PROCEDE DE COMMANDE D'UN TEL APPAREIL**
[72] BERNARD, FRANCOIS, NL
[71] BERNARD, FRANCOIS, NL
[22] 2000-03-20
[41] 2001-09-27
[62] 2,401,587

[21] **2,490,865**
[13] A1

[51] **Int.Cl. 7B04C 5/08 7C02F 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING FLUIDS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE FLUIDES**
[72] ROMANYSZYN, MICHAEL T., US
[71] LANCER PARTNERSHIP, LTD., US
[22] 2001-07-05
[41] 2002-01-17
[62] 2,412,132
[30] US (60/216,444) 2000-07-06

[21] **2,490,867**
[13] A1

[51] **Int.Cl. 7B04C 5/02 7C02F 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING FLUIDS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE FLUIDES**
[72] ROMANYSZYN, MICHAEL T., US
[71] LANCER PARTNERSHIP, LTD., US
[22] 2001-07-05
[41] 2002-01-17
[62] 2,412,132
[30] US (60/216,444) 2000-07-06

[21] **2,490,869**
[13] A1

[51] **Int.Cl. 7B04C 5/08 7C02F 1/00 7B01D 45/12 7B01D 21/26**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING FLUIDS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE FLUIDES**
[72] ROMANYSZYN, MICHAEL T., US
[71] LANCER PARTNERSHIP, LTD., US
[22] 2001-07-05
[41] 2002-01-17
[62] 2,412,132
[30] US (60/216,444) 2000-07-06

[21] **2,490,870**
[13] A1

[51] **Int.Cl. 7B04C 5/08 7C02F 1/00 7B04C 5/02**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING FLUIDS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE FLUIDES**
[72] ROMANYSZYN, MICHAEL T., US
[71] LANCER PARTNERSHIP, LTD., US
[22] 2001-07-05
[41] 2002-01-17
[62] 2,412,132
[30] US (60/216,444) 2000-07-06

[21] **2,490,967**
[13] A1

[51] **Int.Cl. 7F16L 11/08 7F16L 11/12 7E21B 19/22**
[25] EN
[54] **COMPOSITE SPOOLABLE TUBE**
[54] **TUYAU COMPOSITE ENROULABLE**
[72] WILLIAMS, JERRY G., US
[72] NOLET, STEPHEN C., US
[72] QUIGLEY, PETER A., US
[71] FIBERSPAR CORPORATION, US
[22] 1996-09-27
[41] 1997-04-03
[62] 2,409,304
[30] US (60/004,452) 1995-09-28

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[21] **2,491,005**
[13] A1

[51] **Int.Cl. 7B41J 2/175**
[25] EN
[54] **INK CARTRIDGE**
[54] **CARTOUCHE A ENCRE**
[72] NAKATA, SATOSHI, JP
[72] SHIMOMURA, MASAKI, JP
[72] SAKAI, YASUTO, JP
[72] MIYAZAWA, HISASHI, JP
[72] OWAKI, HIROSHIGE, JP
[72] KANAYA, MUNEHIDE, JP
[72] KOIZUMI, YOSHIHIRO, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2002-04-02
[41] 2002-10-03
[62] 2,379,725
[30] JP (2001-104526) 2001-04-03
[30] JP (2001-149315) 2001-05-18
[30] JP (2001-149788) 2001-05-18
[30] JP (2001-264225) 2001-08-31

[21] **2,491,175**
[13] A1

[51] **Int.Cl. 7F16M 11/12 7H05K 7/02**
[25] EN
[54] **ARM APPARATUS FOR MOUNTING ELECTRONIC DEVICES WITH CABLE MANAGEMENT SYSTEM**
[54] **APPAREIL A BRAS PERMETTANT LE MONTAGE DE DISPOSITIFS ELECTRONIQUES AVEC UN SYSTEME DE GESTION DU CABLAGE**
[72] ODDSEN, ODD N., JR., US
[72] WILLIAMS, HOWARD M., JR., US
[71] INNOVATIVE OFFICE PRODUCTS, INC., US
[22] 2002-01-18
[41] 2002-08-02
[62] 2,368,622
[30] US (09/776,355) 2001-02-02
[30] US (09/973,213) 2001-10-09

[21] **2,491,177**
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04N 7/14**
[25] EN
[54] **MOBILE COMMUNICATIONS**
[54] **COMMUNICATIONS MOBILES**
[72] FISHER, GRAHAM, GB
[71] ORANGE PERSONAL COMMUNICATIONS SERVICES LIMITED, GB
[22] 2000-11-24
[41] 2001-05-31
[62] 2,391,994
[30] GB (9927796.4) 1999-11-24

[21] **2,491,179**
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H04B 7/216**
[25] EN
[54] **WEIGHTED OPEN LOOP POWER CONTROL IN A TIME DIVISION DUPLEX COMMUNICATION SYSTEM**
[54] **COMMANDE EN BOUCLE OUVERTE PONDEREE INTEGREE DANS UN DUPLEX A REPARTITION DANS LE TEMPS D'UN SYSTEME DE COMMUNICATION**
[72] ZEIRA, ARIELA, US
[72] SHIN, SUNG-HYUK, US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[22] 2000-03-22
[41] 2000-09-28
[62] 2,367,353
[30] US (60/125,417) 1999-03-22
[30] US (60/136,556) 1999-05-28
[30] US (60/136,557) 1999-05-28

[21] **2,491,189**
[13] A1

[51] **Int.Cl. 7G11B 7/0037 7G11B 7/24**
[25] EN
[54] **OPTICAL RECORDING OR REPRODUCING APPARATUS FOR DATA FROM AN OPTICAL DISC HAVING UNIFORM STRUCTURE**
[54] **DISPOSITIF D'ENREGISTREMENT OU DE REPRODUCTION OPTIQUE POUR LES DONNEES PROVENANT D'UN DIQUE OPTIQUE AYANT UNE STRUCTURE UNIFORME**
[72] PARK, IN-SIK, KR
[72] LEE, KYUNG-GEUN, KR
[72] YOON, DU-SEOP, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2002-05-01
[41] 2002-11-02
[62] 2,384,263
[30] KR (2001-23747) 2001-05-02
[30] KR (2001-61041) 2001-09-29

[21] **2,491,198**
[13] A1

[51] **Int.Cl. 7G01N 30/72 7H01J 49/40**
[25] EN
[54] **ION STORAGE TIME-OF-FLIGHT MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE A TEMPS DE VOL ET STOCKAGE D'IONS**
[72] GULCICEK, EROL E., US
[72] WHITEHOUSE, CRAIG M., US
[72] DRESCH, THOMAS, US
[71] ANALYTICA OF BRANFORD, INC., US
[22] 1997-08-11
[41] 1998-02-19
[62] 2,262,646
[30] US (08/689,459) 1996-08-09

[21] **2,491,311**
[13] A1

[51] **Int.Cl. 7H02G 3/08**
[25] EN
[54] **LATERALLY EXPANDABLE MODULAR ELECTRIC BOX AND METHOD OF REDUCING WIRING TIME AND MOUNTING WALL DISFIGURATION**
[54] **COFFRET ELECTRIQUE A EXTENSION MODULAIRE LATERALE ET METHODE POUR REDUIRE LES TEMPS D'INSTALLATION AINSI QUE LES DOMMAGES CAUSES AU MUR DE MONTAGE**
[72] SIMMONS, MICHAEL L., US
[71] SIMMONS, MICHAEL L., US
[22] 1994-05-30
[41] 1994-12-15
[62] 2,124,648
[30] US (08/075,724) 1993-06-14

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,492,870**

[13] A1

[51] **Int.Cl. 7G06T 5/00 7G11B 27/031
7H04N 9/64**

[25] EN

[54] **MODIFICATION OF MEDIA WITH
COMMON ATTRIBUTES ON A
DIGITAL NONLINEAR EDITING
SYSTEM**

[54] **MODIFICATION DE SUPPORTS A
ATTRIBUTS COMMUNS SUR UN
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NON LINEAIRE**

[72] LAIRD, MICHAEL D., US

[72] GONSALVES, ROBERT, US

[71] AVID TECHNOLOGY, INC., US

[22] 2000-04-14

[41] 2000-10-26

[62] 2,368,487

[30] US (09/293,730) 1999-04-16

[30] US (09/392,823) 1999-09-09

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BELOUSOV, PETER Y.	2,488,341	BOVENSCHEN, AREND NIELS	2,484,155	CARLSON, DAN	2,488,432
BENMOUYAL, GABRIEL	2,488,045	BOWES, ROBERT R., II	2,488,118	CARLSON, JOHN PETER	2,488,231
BENSON, ALAN G.	2,488,402	BOYCE, RUSTUM S.	2,486,966	CARNEY, JOSEPH M.	2,487,998
BENTHACK, CHRISTINA	2,487,892	BP CHEMICALS LIMITED	2,486,960	CARR, SUZETTE	2,482,042
BERGER SEIBA-TECHNOTEX		BRACCO IMAGING S.P.A.	2,485,339	CARRY, JEAN-CHRISTOPHE	2,488,373
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BERGER, JOHANN	2,488,622	BRAUNSCHWEILER, H. G.	2,488,274	CATALYTIC DISTILLATION	
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BERNARD, BRUNO	2,482,711	BRECHBIEL, MARTIN W.	2,487,908	CAVI, FRANCESCO	2,488,386
BERRILL, JAMES FREI	2,488,209	BREEDLOVE, JEFFREY J.	2,488,164	CAVIN, CHRISTOPHE	2,488,279
BERRILL, SUSAN ANN	2,488,354	BREMONT, MICHEL	2,483,712	CAYLA, XAVIER	2,484,211
BERRYHILL, DENISE	2,487,953	BRISTOL MYERS SQUIBB		CEDARS-SINAI MEDICAL	
BERTHOLET, PATRICK	2,478,114	COMPANY	2,482,042	CENTER	2,487,983
BERTIN, JOHN	2,486,603	BRISTOL, RODNEY L.	2,488,252	CEDILLO SANCHEZ, JAVIER	2,488,042
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BEVERLEY, STEPHEN M.	2,487,815	TELECOMMUNICATIONS		MARIA	2,488,100
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BIGOT, ANTONY	2,488,373	COMPANY	2,488,097	CHAKRAVARTHI, PRAKASH R.	2,488,204
BILLOT, XAVIER	2,487,977	BRITISH		CHAN, JOHN GEOFFREY	2,487,886
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BINDER, HORST	2,488,636	PUBLIC LIMITED		CHANDRAN, RAVI	2,486,873
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BJORNSEN, TONE	2,488,391	BROOKS, PETER	2,484,176	CHARITE -	
BK GIULINI GMBH	2,488,119	BROOKS, ROBIN WILLIAM	2,486,972	UNIVERSITATSMEDIZIN	
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INC.	2,479,267	BROWN, GRAHAM MAURICE	2,488,343	CHEMOCENTRYX, INC.	2,488,202
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CHU, DANIEL	2,486,966	CROTHERS, DONALD M.	2,483,349	ENERGIEGEGWINNUNG	
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	2,487,895	CUSTOM SPEECH USA, INC.	2,488,256		2,488,177
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HAAN, DE, BEN RUDOLF	2,488,261	HEMELAAR, JORIS	2,483,494	MATERIALS	
HABEL, ANDRE	2,484,941	HENDERSON, KEVIN O.	2,488,551	(SWITZERLAND) GMBH	2,487,005
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REDDY, B., RAGHAVA	2,487,953	SAGASSER, INGO	2,485,360	SCHOTT AG	2,488,620
REDDY, MANNE		SAHA, UTTAM	2,488,334	SCHRAM, DAVID J.	2,486,938
SATYANARAYANA	2,488,114	SAINT-DENIS, HOLGER	2,488,622	SCHROEDER, HARTWIG	2,484,955
REDDY, PRAMOD KAKUMANU	2,488,217	SAINT-GOBAIN GLASS FRANCE	2,482,152	SCHROEDER, JUERGEN	2,488,226
REDKAR, SANJEEV	2,488,108	SAINT-GOBAIN GLASS FRANCE	2,482,630	SCHUCH, RAYMOND	2,486,280
REINHARD, ROBERT	2,485,360	SAITO, TORU	2,488,158	SCHUECKER, FRANZ-JOSEF	2,488,063
REIS, OLIVER	2,487,308	SAITOU, ATSUSHI	2,488,785	SCHUETZE, KARIN	2,488,391
REKOWSKI, VOLKER	2,487,308	SAKAKINE, GHASSAN	2,488,118	SCHULTE, RALF WILHELM	2,482,903
RENZ, ANDREAS	2,485,060	SAKAMOTO, YUICHIRO	2,488,416	SCHWALM, REINHOLD	2,488,226
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REXAM DISPENSING SYSTEMS	2,488,383	SAKURAI, YASUHISA	2,488,251	SCHWEIGERT, MICHAEL R.	2,488,104
REY GARCIA, FERNANDO	2,486,945	SALMON, PATRICK	2,484,166	SCHWEITZER ENGINEERING LABORATORIES, INC.	2,488,045
RHEIN, SCOTT W.	2,488,103	SANDBERG, GLENN	2,488,258	SCIMED LIFE SYSTEMS, INC.	2,487,917
RICHARDS, STEVEN J.	2,488,535	SANDBERG, ODD	2,488,790	SCOTT TECHNOLOGIES, INC.	2,488,252
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SENTHILKUMAR,		SOUERS, ANDREW J.	2,488,635	XAVIER	2,488,562
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SHAW, HENRY	2,487,938	RAJAN	2,488,114	TBS HOLDING AG	2,488,513
SHAW, HENRY	2,487,964	SSP CO., LTD.	2,488,026	TEMPLE, COLIN	2,488,090
SHAW, HENRY	2,487,967	ST. JUDE MEDICAL, INC.	2,487,989	TEMPLIN, MARKUS	2,488,636
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SHUM, HENRY	2,483,261	STROM, ALAN DAVID GREVE	2,487,014	THE GENERAL HOSPITAL	
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SIMONSEN, JOHN	2,487,872	SUBRAMONEY, SHEKHAR	2,488,053	CORPORATION	2,488,143
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SLOBODKIN, ROMAN	2,488,612	SUH, SANG WOON	2,474,892	CRETARY, DEPARTMENT	
SLOCOMBE, STEPHEN	2,486,593	SUH, SANG WOON	2,482,543	OF HEALTH AND HUMAN	
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SMITH, AARON	2,486,966	SUN, ZAIREN	2,482,907	AMERICA, REPRESENTED	
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SMITH, JOHN V.	2,488,037	SUTO, MICHITAKA	2,488,091	THE PROCTER & GAMBLE	
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WHITMORE, REBECCA E.	2,487,986	YASUJI, TAKEHIKO	2,488,422		
WILD, CHRISTINE	2,486,957	YATES, JOHN	2,478,102		
WILDING, EMIL	2,488,119	YDE NIELSEN, MICHAEL	2,487,871		
WILKINSON, KEITH D.	2,483,494	YDE NIELSEN, MICHAEL	2,487,872		
WILLIAM, ISAAC	2,488,112	YE, HONG	2,488,798		
WILLIAMS, LEONARD M.	2,486,106	YIPTONG, AUGUSTIN	2,488,232		
WILLIAMS, MARK S.	2,488,338	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM	2,488,501		
WILLOUGHBY, CRAIG	2,487,879	YOKOYAMA, KENJI	2,479,062		
WILSON TOOL INTERNATIONAL, INC.	2,487,877	YOSHIHARA, SATORU	2,481,648		
WILSON, ALLAN	2,483,193	YOSHIMURA, ATSUSHI	2,487,290		
WILSON, J., MICHAEL	2,487,953	YOSHIMURA, SEIJI	2,484,341		
WILSON, JOHN GAVIN	2,486,972	YOSHINO KOGYOSHO CO., LTD.	2,488,191		
WILSON, PAUL A.	2,488,002	YOSHITAKE, TSUTOMU	2,488,162		
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WINKLER, CLAUDIA	2,488,432	YOUNG, ANDREW A.	2,487,269		
WINNER, BLAIR L.	2,486,116	YOUNG, ROBERT N.	2,487,977		
WINSTON, THOMAS R.	2,487,020	YOUNG, ROBERT N.	2,488,001		
WINTER, TIMOTHY CLARK	2,488,204	YU, SEONG-JAE	2,475,767		
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ATOMAER PTY LTD.	2,490,084	LAUDAMIEL-PELLET, CHRISTOPHE	2,490,820	WHITEHOUSE, CRAIG M.	2,491,198
AVID TECHNOLOGY, INC.	2,492,870	LEE, KYUNG-GEUN	2,491,189	WILLIAMS, HOWARD M., JR.	2,491,175
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BASF AKTIENGESELLSCHAFT	2,490,641	LUECKE, JOHN S.	2,489,715	YOON, DU-SEOP	2,491,189
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BOURAS, CARLOS E.	2,489,818	MIYANAGA, MASAOKI	2,489,805		
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BUSH, STEPHAN GARY	2,490,820	NAKATA, SATOSHI	2,491,005		
BUSS, RANDY L.	2,490,634	NOLET, STEPHEN C.	2,490,967		
CASEMENT, MARCY	2,489,807	NORDSON CORPORATION	2,489,818		
CREMER, KARSTEN	2,489,809	NTT MOBILE COMMUNICATIONS NETWORKS INC.	2,489,812		
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DURHAM, STEPHEN P.	2,490,623	OWENS, GROVER DAVID	2,490,820		
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FOLKER, DAVID	2,489,807	POTTS, JOSEPH A.	2,489,782		
FORD, JUDITH	2,490,625	QUIGLEY, PETER A.	2,490,967		
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GONSALVES, ROBERT	2,492,870	ROMANYSZYN, MICHAEL T.	2,490,867		
GOODALL, KEVIN GEORGE	2,490,820	ROMANYSZYN, MICHAEL T.	2,490,869		
GULCICEK, EROL E.	2,491,198	ROMANYSZYN, MICHAEL T.	2,490,870		
INNOVATIVE OFFICE PRODUCTS, INC.	2,491,175	RUSAW, BRIAN J.	2,489,715		
INTERDIGITAL TECHNOLOGY CORPORATION	2,491,179	SAKAI, YASUTO	2,491,005		
JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC.	2,490,639	SAMSUNG ELECTRONICS CO., LTD.	2,491,189		
KABUSHIKI KAISHA MIYANAGA	2,489,805	SATO, TAKAOKI	2,489,812		
KAISER, CARL ERIC	2,490,820	SEASHOLTZ, CRAIG A.	2,490,634		
KANAYA, MUNEHIDE	2,491,005	SEIKO EPSON CORPORATION	2,491,005		
KENNEDY, JOHN M.	2,490,639	SERCONET LTD.	2,490,630		
KENNEDY, MICHAEL	2,489,782	SHIMOMURA, MASAKI	2,491,005		
KENNEDY, WILLIAM R.	2,490,639	SHIN, SUNG-HYUK	2,491,179		
KEY KNIFE, INC.	2,489,715	SHOP VAC CORPORATION	2,490,634		
KNAPPETT, ANDREW	2,489,715	SIMMONS, MICHAEL L.	2,491,311		
KOIZUMI, YOSHIHIRO	2,491,005	STAGER, BRADLEY R.	2,489,715		
KVIETOK, FRANK ANDREJ	2,490,820	STARSIGHT TELECAST, INCORPORATED	2,489,807		
LA, DUONG T.	2,489,818	TAMURA, MOTOSHI	2,489,812		
LAIRD, MICHAEL D.	2,492,870	THE PROCTER & GAMBLE COMPANY	2,490,820		
LANCER PARTNERSHIP, LTD.	2,490,865	TRINH, TOAN	2,490,820		
LANCER PARTNERSHIP, LTD.	2,490,867	WARD, N. ROBERT, JR.	2,490,625		
LANCER PARTNERSHIP, LTD.	2,490,869				