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Canada

CIPO OPIC

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.

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

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

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

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la 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

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**.

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. 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

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. 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.

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.

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.

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. 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.

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. 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.

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. List of Patents Available for Licence or Sale

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

2,396,021

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.

2,396,021

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.

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

10. Language of Published Documents

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

10. Langue du document publié

Toute personne intéressée 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.

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 MATIERE 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'Examination Préliminaire International pour les demandes internationales déposées par les demandeurs canadiens.

*Les frais seront réduit 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**.

12. Avis PCT

Exigences des signatures du PCT

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

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

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 Trademarks 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'existe plus. »

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

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 statuaire)
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.

14. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 21, 2004 contains applications open to public inspection from November 28, 2004 to December 4, 2004

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 28 novembre 2004 au 4 décembre 2004

Avis

Canadian Patents Issued

December 21, 2004

Brevets canadiens délivrés

21 décembre 2004

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[54] **DERIVES MONOFLUORES DE N-PROPARGYL-1-AMINO-INDANE ET LEUR UTILISATION COMME INHIBITEURS DE LA MONOAMINE OXYDASE**
[72] STERLING, JEFF, IL
[72] LEVY, RUTH, IL
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[54] **METHODE ET APPAREIL D'APPLICATION D'UNE MATIERE SUR UNE BANDE DE PAPIER**
[72] CUTRIGHT, EDWIN L., US
[72] SCOTT, G. ROBERT, US
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[72] BELLUCO, UMBERTO, IT
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[54] **PROCESS FOR REMOVING OLEFINIC IMPURITIES FROM FLUORINATED C3-C6-HYDROCARBONS**
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[54] **PROTEINES DE STOCKAGE SYNTHETIQUES A STRUCTURE DEFINIE CONTENANT DES QUANTITES PROGRAMMABLES D'ACIDES AMINES ESSENTIELS POUR L'AMELIORATION DE LA VALEUR NUTRITIVE DES VEGETAUX**
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[54] **PROCESS FOR CIS-1,4-POLYBUTADIENE PRODUCTION WITH REDUCEL GEL FORMATION**
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[72] HABIB, MOHAMMAD M., US
[72] WINSLOW, PHILIP L., US
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[73] AMADA COMPANY, LIMITED, JP
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[72] TSUJI, KOSAKU, JP
[72] MURAMATSU, YOSHI, JP
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[54] **METHOD AND GENERATOR FOR REHEATING GASES**
[72] FASSBINDER, HANS-GEORG, DE
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[72] REQUEJO, LUZ P., US
[73] SARA LEE CORPORATION, US
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[72] SILVERMAN, RICHARD B., US
[72] YUEN, PO-WAI, US
[72] FRANKLIN, LLOYD CHARLES, US
[72] ANDRUSZKIEWICZ, RYSZARD, PL
[72] SOBIERAY, DENIS MARTIN, US
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[73] NORTHWESTERN UNIVERSITY, US
[73] WARNER-LAMBERT COMPANY, US
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[73] UNIVERSITY OF MASSACHUSETTS WORCESTER, US
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[72] SARDYNSKI, GARY F., US
[73] IMI CORNELIUS INC., US
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[73] OY T & S ENGELHOLM AB, FI
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[72] YAMAUCHI, KOJI, JP
[72] OKAMURA, NOBUYUKI, JP
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[73] BRIDGESTONE CORPORATION, JP
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[73] FROMENT S.A., FR
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[72] TAMURA, KUNIO, JP
[72] KATO, YOSHIAKI, JP
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[72] BASSI, CORRADO, CH
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[73] ALCAN TECHNOLOGY & MANAGEMENT AG, CH
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[54] **PROCESS AND DEVICE FOR THE CONTINUOUS CASTING OF THIN METAL PRODUCTS BETWEEN CYLINDERS**
[72] BARBE, JACQUES, FR
[72] MAZODIER, FRANCOIS, FR
[72] VENDEVILLE, LUC, FR
[72] DELASSUS, PIERRE, FR
[73] THYSSEN STAHL AKTIENGESELLSCHAFT, DE
[73] USINOR, FR
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[72] CHEVALIER, ALAIN, FR
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[73] AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE, FR
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[54] **DISTRIBUTEUR DE POUDRE SECHE**
[72] ROSE, JED E., US
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[73] ADVANCED THERAPEUTIC PRODUCTS, INC., US
[73] DUKE UNIVERSITY, US
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[54] **CONVOYEUR A BAGAGES**
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[73] PV SYSTEM APS, DK
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[72] SELLES, JEAN-PHILIPPE, FR
[72] SOULA, GERARD, FR
[73] FLAMEL TECHNOLOGIES, FR
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[54] **INSTALLATION ET METHODE POUR LE TRAITEMENT DU LAIT**
[72] KRABSEN, ERIK, DK
[72] OTTOSEN, NIELS, DK
[72] KNARRENBORG, LISBETH, DK
[73] APV PASILAC A/S, DK
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[54] **DISPOSITIF DE SURVEILLANCE**
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[73] STRUCTURAL MONITORING SYSTEMS LTD., AU
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[54] **DISPOSITIF DE SECURITE UTILISANT UNE MICROTRACE ULTRASENSIBLE POUR PROTEGER DES MATERIAUX ET DES OBJETS DIVERS**
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[73] CYPHER SCIENCE LIMITED, GB
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[73] NEWFREY LLC, US
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[54] **NETTOYEUR A VAPORISER AMELIORE, POUR LE FOUR**
[72] LENTSCH, STEVEN E., US
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[72] BRAY, THOMAS J., US
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[73] ODEL, JAMES A., US
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[54] **EMULSIONS A BASE DE CIRE ET UTILISATION DESDITES EMULSIONS DANS DES PRODUITS DE GYPSE**
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[72] HODGSON, ROY S., US
[72] CLARET, THOMAS C., US
[73] CONOCOPHILLIPS COMPANY, US
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[54] **TISSU IGNIFUGE RENFERMANT DES FIBRES DE POLYESTER MODIFIE AU PHOSPHORE, COUSSINS GONFLABLES FAITS DE CE TISSU ET UTILISATION DE CES FIBRES**
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[54] **SHOCK ABSORBENT IN-LINE ROLLER SKATE WITH WHEEL BRAKES-LOCK**
[54] **PATIN A ROUES ALIGNEES QUI AMORTIT LES CHOCS ET COMPORTANT DES FREINS**
[72] OYEN, GERALD O. S., CA
[72] CHARRON, FRANCOIS EUGENE, CA
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[54] **METHOD OF CLUSTERING MULTI-DIMENSIONAL RELATED DATA IN A COMPUTER DATABASE BY COMBINING THE TWO VERTICES OF A GRAPH CONNECTED BY AN EDGE HAVING THE HIGHEST SCORE**
[54] **PROCEDE DE REGROUPEMENT DE DONNEES CONNEXES MULTIDIMENSIONNELLES DANS UNE BASE DE DONNEES D'ORDINATEUR EN COMBINANT LES DEUX VERTICALES D'UNE GRAPPE CONNECTE PAR UN PERIPHERIQUE AYANT LE PLUS HAUT SCORE**
[72] POPPEN, RICHARD F., US
[72] SMARTT, BRIAN E., US
[72] DUNN, LINNEA A., US
[72] DEROSE, FRANK J., US
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[72] NESBITT, R. DENNIS, US
[73] SGG PATENTS LLC, US
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[54] **COMPOSITION D'ADDITIF POUR ALIMENTS DESTINES AUX RUMINANTS, QUI CONTIENT UN NOUVEAU SEL COMPOSE D'ACIDE AMINE-ACIDE PHOSPHORIQUE AINSI QU'UNE SUBSTANCE HYDROSOLUBLE D'UN POIDS MOLECULAIRE ELEVE**
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[73] PARKER HANNIFIN CORPORATION, US
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[73] MULTISORB TECHNOLOGIES, INC., US
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[51] **Int.Cl. 6A61F 2/06 6A61F 2/04 6A61M 25/10**
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[54] **PROCEDE D'IMPLANTATION ET DE DEPLOIEMENT D'EXTENSEUR**
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[72] BONEAU, MICHAEL, US
[72] LASHINSKI, ROBERT, US
[73] MEDTRONIC VASCULAR, INC., US
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[51] **Int.Cl. 6F03B 13/10 6H02K 7/18**
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[54] **SYSTEME DE REFROIDISSEMENT POUR GENERATEUR CONTENU DANS UNE CUVE ENTOUREE D'EAU EN ECOULEMENT**
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[73] VA TECH HYDRO GMBH, AT
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[54] **APPAREIL DE COMPLETION DE PUITS ET METHODES ASSOCIEES**
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[72] ROGERS, EDWARD J., US
[73] S&C ELECTRIC COMPANY, US
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[51] **Int.Cl. 6B65G 1/127**
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[54] **ENSEMBLE DE STOCKAGE SERVANT A ACCUMULER DES PRODUITS SEMI-FINIS ET COMPORTANT DES MOYENS DE REGULATION DE LA VITESSE D'AVANCE**
[72] BIAGIOTTI, GUGLIELMO, IT
[73] FABIO PERINI S.P.A., IT
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[54] **METHODE DE LUTTE CONTRE LES ESPECES DE DREISSENA**
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[54] **PROCEDE POUR DIMINUER LA DOSE DE RAYONS OU DE CHIMIOTHERAPIE RADIO-MIMETIQUE EN VUE D'UNE GREFFE DE CELLULES HEMATOPOIETIQUES PLURIPOTENTES**
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[72] MARDINEY, MICHAEL III, US
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[73] MICROSOFT CORPORATION, US
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[72] MARK, DAVID A., US
[72] KRUZEL, CHRIS, US
[72] REDDY, SEKHAR, US
[72] KRUSEMAN, JAN, CH
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[51] **Int.Cl. 6A01M 5/08**
[25] EN
[54] **METHOD AND DEVICE FOR SELECTIVELY COLLECTING MATERIAL AND ORGANISMS ON PLANTS**
[54] **PROCEDE ET DISPOSITIF DE COLLECTE SELECTIVE DE MATIERE ET D'ORGANISMES SUR DES PLANTES**
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[73] ALTERNATIV FORADLING WIIK-FORSEN AB, SE
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[51] **Int.Cl. 6C04B 7/26**
[25] EN
[54] **PROCESS FOR PRODUCING CEMENT CLINKER CONTAINING COAL ASH**
[54] **METHODE POUR L'OBTENTION D'UN CLINKER DE CIMENT RENFERMANT DES CENDRES VOLANTES**
[72] COMPTON, HORACE HERSHEL, US
[72] AKHTAR, SYED SUHAIL, CA
[72] OATES, DAVID BRIDSON, CA
[73] LAFARGE CANADA INC., XX
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[54] **PROCEDE ADAPTATIF D'ANNULATION DES ECHOS**
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[72] ERIKSSON, ANDERS, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
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[54] **COMPOSITIONS ET PROCEDES POUR LA PRESERVATION D'ARTICLES EN BOIS PAR IMPREGNATION D'ANTISEPTIQUE**
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[72] SCHUBERT, DAVID M., US
[73] U.S. BORAX INC., US
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[51] **Int.Cl. 6C22B 3/06 6C22B 7/02**
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[54] **PROCEDE DE RECYCLAGE DE POUSSIERE METALLURGIQUE**
[72] DRINKARD, WILLIAM F., JR., US
[72] WOERNER, HANS J., US
[73] DRINKARD METALOX, INC., US
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[54] **AUTOETALONNAGE D'UN OSCILLOSCOPE A L'AIDE D'UN SIGNAL EN ONDES CARREES**
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[72] HUNGERBUEHLER, VIKTOR, CH
[73] LECROY CORPORATION, US
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[30] US (60/044,300) 1997-04-30

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[25] EN
[54] **SUBSTITUTED N-¬(AMINOIMINOMETHYL OR AMINOMETHYL)PHENYL|PROPYL AMIDES**
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[72] GUERTIN, KEVIN R., US
[72] KLEIN, SCOTT I., US
[72] SPADA, ALFRED P., US
[73] AVENTIS PHARMACEUTICALS INC., US
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[54] **PRESSE A LIGNE DE PINCEMENT ALLONGEE AVEC CLAPET D'EGALISATION DE PRESSION HYDRAULIQUE**
[72] SWIETLIK, FRANCIS X., US
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] METSO PAPER INC., FI
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[25] EN
[54] **MULTIPLE COMPARTMENT PLASTIC CONTAINER AND METHOD OF MAKING**
[54] **CONTENANT EN PLASTIQUE A PLUSIEURS COMPARTIMENTS ET METHODE DE FABRICATION CONNEXE**
[72] GEISINGER, GREGORY A., US
[73] OWENS-BROCKWAY PLASTIC PRODUCTS INC., US
[22] 1998-10-09
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[25] EN
[54] **PROCESS FOR SEPARATING SULPHIDE-CONTAINING MATERIALS USING HYDROGEN PEROXIDE**
[54] **PROCEDE POUR SEPARER DES MATERIAUX CONTENANT DU SULFURE A L'AIDE DU PEROXYDE D'HYDROGENE**
[72] WEISS, HOLGER, DE
[72] MORENCY, MAURICE, CA
[73] UFZ-UMWELTFORSCHUNGSZENTRUM LEIPZIG-HALLE GMBH, DE
[73] UNIVERSITE DU QUEBEC A MONTREAL, CA
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[54] **COMPOSITION ORALE ANTI-CARIE**
[72] CHATTERJEE, ROBI, US
[72] KLEINBERG, ISRAEL, US
[72] ACEVEDO, ANA MARIA, VE
[73] THE RESEARCH FOUNDATION OF THE STATE UNIVERSITY OF NEW YORK, US
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[54] **DETERGENTS SURBASIQUES CONTENANT DES METAUX**
[72] LENACK, ALAIN LOUIS PIERRE, FR
[72] SKINNER, PHILIP, GB
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
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[54] **APPAREIL D'ECHANTILLONNAGE DE FLUIDE**
[72] KRAUS, MENACHEM, IL
[72] NIJINSKI, JACOB, IL
[72] SHEMESH, ELI, IL
[73] TEVA MEDICAL LTD., IL
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[25] EN
[54] **CRYSTALLINE POLYPROPYLENE, PROCESS FOR PREPARING THE SAME, POLYPROPYLENE COMPOSITION, AND THERMOFORMED ARTICLE**
[54] **POLYPROPYLENE CRISTALLIN, PROCEDE DE PREPARATION ASSOCIE, COMPOSITION A BASE DE POLYPROPYLENE ET ARTICLE THERMOFORME**
[72] MATSUNAGA, SHINYA, JP
[72] SUGIMURA, KENJI, JP
[72] KOJIMA, TERUHISA, JP
[72] KISHINE, MASAHIRO, JP
[72] KOJOH, SHINICHI, JP
[72] KIOKA, MAMORU, JP
[72] KANESHIGE, NORIO, JP
[72] MORIYA, SATORU, JP
[73] MITSUI CHEMICALS INC., JP
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[54] **DISPOSITIF DE RESISTANCE**
[72] LEE, JASON, XX
[73] LEE, JASON, XX
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[54] **DISPOSITIF DE COMMANDE ACTIONNE PAR LE DEBIT D'AIR POUR APPAREIL DE CHAUFFAGE**
[72] CONDO, GERRI M., CA
[72] KENNEDY, JOSEPH A., CA
[73] AIR-KING LIMITED, CA
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[54] **MORTAR ADMIXTURES AND METHOD OF PREPARING SAME**
[54] **ADJUVANTS DU MORTIER ET LEUR PROCEDE DE PREPARATION**
[72] JEKNAVORIAN, ARA A., US
[72] WALLOCH, CRAIG T., US
[72] OU, CHIA-CHIH, US
[72] KARKARE, MILIND V., US
[73] W.R. GRACE & CO.-CONN., US
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[25] EN
[54] **LINEAR FRICTION WELDING PROCESS FOR MAKING WHEEL RIMS**
[54] **PROCEDE DE SOUDAGE PAR FRICTION LINEAIRE DESTINE A LA PRODUCTION DE JANTES DE ROUES**
[72] MAHONEY, MURRAY, US
[73] MERITOR LIGHT VEHICLE SYSTEMS, INC., US
[85] 1999-02-09
[86] 1997-08-07 (PCT/US1997/013814)
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[51] **Int.Cl. 6A46B 11/04 6A47L 13/26**
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[54] **SOAP-FILLABLE BRUSH WITH SEALED ACTUATOR**
[54] **BROSSE POUVANT ETRE REMPLIE DE SAVON ET DOTEE D'UN ACTIONNEUR ETANCHE**
[72] CHAPMAN, DEAN, US
[72] WHITE, CARLY R., US
[73] HELEN OF TROY LIMITED, BB
[22] 1999-03-12
[30] US (221,489) 1998-12-28

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[51] **Int.Cl. 6G02B 5/28 6G02B 6/16**
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[54] **FILTRES D'EPURATION OPTIQUE ET METHODE DE FABRICATION**
[72] GONTHIER, FRANCOIS, CA
[73] ITF TECHNOLOGIES OPTIQUES INC.- ITF OPTICAL TECHNOLOGIES INC., CA
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[25] EN
[54] **SKIN CARE COMPOSITIONS CONTAINING AN AMIDE AND A RETINOID**
[54] **COMPOSITIONS POUR LE SOIN DE LA PEAU CONTENANT UNE AMIDE ET UN RETINOIDE**
[72] GRANGER, STEWART PATON, US
[72] RAWLINGS, ANTHONY VINCENT, GB
[72] SCOTT, IAN RICHARD, US
[73] UNILEVER PLC, GB
[85] 1999-03-24
[86] 1997-09-18 (PCT/EP1997/005135)
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[54] **SUPPORTED HYDROCONVERSION CATALYST AND PROCESS OF PREPARATION THEREOF**
[54] **CATALYSEUR SUR SUPPORT D'HYDROCONVERSION ET SON PROCEDE DE PREPARATION**
[72] JOHNSON, JACK W., US
[72] WITTENBRINK, ROBERT J., US
[72] RILEY, KENNETH L., US
[72] BAIRD, WILLIAM C., JR., US
[72] RYAN, DANIEL F., US
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 1999-03-26
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[13] C
[51] **Int.Cl. 6H04N 5/225**
[25] EN
[54] **PERSONAL VIDEO, AND SYSTEM AND METHOD OF MAKING SAME**
[54] **DISPOSITIF VIDEO PERSONNEL, ET SYSTEME ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] WALKER, STEPHEN S., US
[73] VERIZON LABORATORIES INC., US
[85] 1999-04-07
[86] 1997-10-01 (PCT/US1997/017851)
[87] (WO1998/016059)
[30] US (60/028,031) 1996-10-08
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[54] **GLAZE FOR DOUGH PRODUCTS**
[54] **GLACAGE POUR PRODUITS A BASE DE PATE**
[72] LONERGAN, DENNIS, US
[73] THE PILLSBURY COMPANY, US
[85] 1999-06-29
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[87] (WO1998/030104)
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[11] **2,277,237**
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[51] **Int.Cl. 6E02F 5/02**
[25] EN
[54] **DITCH DIGGING AND CLEANING SYSTEM**
[54] **SYSTEME D'EXCAVATION ET DE NETTOYAGE DE TRANCHEES**
[72] ERICKSON, EDWIN A,, US
[73] ERICKSON, EDWIN A,, US
[22] 1999-07-07
[30] US (09/315,743) 1999-05-20

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[13] C
[51] **Int.Cl. 6G09F 7/18 6G09F 13/04**
[25] EN
[54] **MOUNTING DEVICE FOR EXIT SIGN COVERS**
[54] **DISPOSITIF POUR FIXER DES COUVERCLES D'ENSEIGNES DE SORTIE**
[72] EVARTS, DAVID A., US
[72] HEATON, THOMAS K., US
[73] DUAL-LITE INC., US
[22] 1999-07-16
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[51] **Int.Cl. 6A47L 11/34 6A47L 11/32**
[25] EN
[54] **APPARATUS HAVING A BELT AGITATOR FOR AGITATING A CLEANING AGENT INTO A CARPET**
[54] **APPAREIL AVEC AGITATEUR A COURROIE SERVANT A AGITER UN AGENT DE NETTOYAGE POUR LE FAIRE PENETRER DANS UN TAPIS**
[72] BESEL, ARLEN DALE, US
[73] INVISTA TECHNOLOGIES S.A.R.L., US
[85] 1999-08-05
[86] 1998-02-26 (PCT/US1998/003610)
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[51] **Int.Cl. 6A47L 13/11 6B08B 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING STANDING WATER FROM FLAT AND CONTOURED SURFACES**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ELIMINER L'EAU STAGNANTE DE SURFACES PLATES OU ARRONDIES**
[72] VARNER, DONALD DEAN, US
[73] ONE PASS, LLC, US
[85] 1999-08-06
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[54] **BRAS D'ALIMENTATION**
[72] CHAMBERS, ERIC B., US
[72] CAGLE, GLENN E., US
[73] CHAMBERS DELIMBINATOR, INC., US
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[51] **Int.Cl. 6F16C 33/04 6F16C 33/10 6F16C 17/12 6F16C 33/24**
[25] FR
[54] **ORGANES DE GUIDAGE GLISSANTS, LUBRIFIES A LA GRAISSE, A BAS COEFFICIENT DE FROTTEMENT ET A DUREE DE VIE AMELIOREE**
[54] **SLIDING GUIDING MEMBER, LUBRICATED WITH GREASE, WITH A LOW FRICTION COEFFICIENT AND AN IMPROVED SERVICE LIFE**
[72] TOURNEUX, DANIEL, FR
[72] GEORGES, ETIENNE, FR
[73] CENTRE STEPHANOIS DE RECHERCHES MECANIQUES HYDROMECANIQUE ET FROTTEMENT, FR
[22] 1999-09-15
[30] FR (98 11 555) 1998-09-16

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[51] **Int.Cl. 6E04G 9/02 6E04G 17/02 6E04G 11/08**
[25] EN
[54] **FORMING DEVICE FOR SETTABLE FLUIDS FOR USE IN CONSTRUCTION**
[54] **DISPOSITIF DE FORMAGE POUR FLUIDES PRETS A ETRE MIS EN FORME S'UTILISANT DANS LA CONSTRUCTION**
[72] DE LE FEVRE, PATRICK Y., US
[73] DE LE FEVRE, PATRICK Y., US
[85] 1999-08-27
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[51] **Int.Cl. 6B65G 1/04**
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[54] **METHOD AND APPARATUS FOR TRANSFERRING OBJECTS**
[54] **PROCEDE ET APPAREIL DE TRANSFERT D'OBJETS**
[72] MARTELLI, GIUSEPPINA, IT
[72] PERONI, GUNTHER, IT
[73] EXPER S.A.S. DI PERONI G.& C., IT
[85] 1999-09-07
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[51] **Int.Cl. 6E06B 3/663**
[25] EN
[54] **METHOD FOR PRODUCING BENT HOLLOW PROFILE STRIPS**
[54] **PROCEDE DE PRODUCTION DE BARRES PROFILEES CREUSES COUDEES**
[72] TRAUTZ, HANS, DE
[73] SAINT-GOBAIN VITRAGE SUISSE AG, CH
[85] 1999-10-29
[86] 1998-04-28 (PCT/EP1998/002498)
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[51] **Int.Cl. 7H04N 7/00**
[25] EN
[54] **COMPUTER INTERFACE EXTENSION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME D'EXTENSION D'INTERFACE D'ORDINATEUR**
[72] HARE, CHARLES S., US
[72] BLYTHE, BRENT W., II, US
[72] SAKARYA, DURSUN, US
[73] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US
[85] 1999-04-06
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[51] **Int.Cl. 7H04L 12/56 7H04Q 11/04**
[25] EN
[54] **FAIR AND EFFICIENT CELL SCHEDULING IN INPUT-BUFFERED MULTIPOINT SWITCH**
[54] **ORDONNANCEMENT DE CELLULES EQUILIBRE ET EFFICACE DANS UN COMMUTATEUR MULTIPOINT A TAMPON D'ENTREE**
[72] FEROLITO, PHILIP ARNOLD, US
[72] AYBAY, GUNES, US
[73] RIVERSTONE NETWORKS, INC., US
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[51] **Int.Cl. 7B01J 29/08 7C10G 11/05**
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[54] **GASOLINE SULFUR REDUCTION IN FLUID CATALYTIC CRACKING**
[54] **REDUCTION DU SOUFFRE DANS LE CRAQUAGE CATALYTIQUE DES LIQUIDES**
[72] ROBERIE, TERRY G., US
[72] TIMKEN, HYE KYUNG CHO, US
[72] CHENG, WU-CHENG, US
[72] PURNELL, SCOTT KEVIN, US
[72] CHESTER, ARTHUR W., US
[72] ZIEBARTH, MICHAEL S., US
[72] ZHAO, XINJIN, US
[73] MOBIL OIL CORPORATION, US
[73] W.R. GRACE & CO.-CONN., US
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[51] **Int.Cl. 7A61B 5/055 7H01F 7/02 7G01R 33/383**
[25] EN
[54] **MAGNETIC FIELD GENERATOR FOR MRI**
[54] **GENERATEUR DE CHAMP MAGNETIQUE POUR IRM**
[72] AOKI, MASAAKI, JP
[72] HASHIMOTO, SHIGEO, JP
[73] NEOMAX CO., LTD., JP
[85] 1999-12-14
[86] 1999-04-13 (PCT/JP1999/001944)
[87] (WO1999/052427)
[30] JP (10/121781) 1998-04-14

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[13] C
[51] **Int.Cl. 7H02H 3/26**
[25] EN
[54] **DETECTION OF SUB-CYCLE, SELF-CLEARING FAULTS**
[54] **DETECTION DE DEFAILLANCES AUTOCORRECTIVES EN MOINS D'UN CYCLE**
[72] KOJOVIC, LJUBOMIR A., US
[72] NEWTON, TIMOTHY T., US
[73] MCGRAW-EDISON COMPANY, US
[22] 2000-01-25
[30] US (09/249,190) 1999-02-12

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[54] **CERF-VOLANT FLEXIBLE**
[72] POTVIN, RAYMOND, CA
[73] POTVIN, RAYMOND, CA
[22] 2000-01-31

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[51] **Int.Cl. 7B65B 13/30**
[25] EN
[54] **SEALLESS STRAPPING TOOL AND METHOD THEREFOR**
[54] **OUTIL DE BANDEROLAGE SANS CHAPE ET METHODE CONNEXE**
[72] CRITTENDEN, DAVID E., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 2000-02-22
[30] US (09/289,221) 1999-04-09

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[13] C
[51] **Int.Cl. 7A63B 55/08**
[25] EN
[54] **GOLF BAG CART**
[54] **CHARIOT POUR SAC DE GOLF**
[72] KANG, PAN-GYU, KR
[73] KANG, PAN-GYU, KR
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[30] KR (99-57223) 1999-12-13

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[51] **Int.Cl. 7B32B 5/02 7D04H 13/00 7B32B 7/04**
[25] EN
[54] **ELASTIC LAMINATES AND METHODS FOR MAKING THE SAME**
[54] **STRATIFIES ELASTIQUES ET LEURS PROCEDES DE FABRICATION**
[72] BARONE, DANIEL LOUIS, US
[72] OUELLETTE, WILLIAM ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-02-11
[86] 1998-07-31 (PCT/IB1998/001175)
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[30] US (08/915,831) 1997-08-21

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[13] C
[51] **Int.Cl. 7A23C 19/032 7A23C 9/12 7A23C 9/123 7C12M 1/26**
[25] EN
[54] **DAIRY STARTER CULTURE DELIVERY SYSTEM AND USE HEREOF**
[54] **SYSTEME DE DEBIT DE CULTURE STARTER DE LAITERIE ET UTILISATION DE CE SYSTEME**
[72] LAULUND, ESBEN, DK
[72] ELSBORG, KRISTIAN, DK
[72] HOIER, ERIK, DK
[73] CHR. HANSEN A/S, DK
[85] 2000-02-18
[86] 1998-08-24 (PCT/DK1998/000365)
[87] (WO1999/009838)
[30] US (08/917,080) 1997-08-25

[11] **2,307,592**
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[51] **Int.Cl. 6A61C 19/04 6A61C 7/00**
[25] EN
[54] **COMPUTERIZED ORTHODONTIC DIAGNOSIS AND APPLIANCE DISPENSER**
[54] **DISTRIBUTEUR INFORMATISE DE DIAGNOSTIC D'ORTHODONTIE ET D'APPAREIL**
[72] BERGERSEN, EARL O., US
[73] ORTHO-TAIN, INC., US
[85] 2000-04-28
[86] 1998-10-28 (PCT/US1998/022918)
[87] (WO1999/022664)
[30] US (08/961,092) 1997-10-30

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[13] C
[51] **Int.Cl. 7G01F 23/296 7B41J 2/175**
[25] EN
[54] **LIQUID CONSUMPTION STATUS DETECTING METHOD, LIQUID CONTAINER, AND INK CARTRIDGE**
[54] **METHODE DE DETECTION DE LA QUANTITE DE LIQUIDE UTILISE, RESERVOIR, ET CARTOUCHE D'ENCRE**
[72] USUI, MINORU, JP
[72] KANAYA, MUNEHIDE, JP
[72] TAMURA, NOBORU, JP
[72] TSUKADA, KENJI, JP
[73] SEIKO EPSON CORPORATION, JP
[22] 2000-05-19
[30] JP (11-139683) 1999-05-20
[30] JP (11-147538) 1999-05-27
[30] JP (11-256522) 1999-09-10

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[51] **Int.Cl. 7H04M 11/00**
[25] EN
[54] **TELEPHONE NETWORK FOR A STRUCTURED ITEM AND TELEPHONE COMMUNICATION BETWEEN REMOTE STRUCTURED ITEMS USING THIS SYSTEM**
[54] **RESEAU TELEPHONIQUE POUR OBJET STRUCTURE ET SYSTEME DE COMMUNICATIONS TELEPHONIQUES ENTRE DES OBJETS STRUCTURES SITUES A DISTANCE UTILISANT CE SYSTEME**
[72] LUKIN, ALEXANDR FEDOROVICH, RU
[73] LUKIN, ALEXANDR FEDOROVICH, RU
[85] 2000-05-08
[86] 1999-09-07 (PCT/RU1999/000329)
[87] (WO2000/014943)
[30] RU (98116701) 1998-09-09

[11] **2,311,009**
[13] C
[51] **Int.Cl. 7G21F 9/34 7G21F 5/008**
[25] EN
[54] **DISPOSAL OF RADIATION WASTE IN GLACIAL ICE**
[54] **ELIMINATION DE DECHETS RADIOACTIFS DANS LA GLACE DE GLACIER**
[72] VALFELLS, AGUST, IS
[73] VALFELLS, AGUST, IS
[22] 2000-06-08
[30] US (09/338,827) 1999-06-23

[11] **2,312,143**
[13] C
[51] **Int.Cl. 7B65D 25/54 7B31C 3/00**
[25] EN
[54] **WINDOW FOR SPIRALLY FORMED CONTAINERS**
[54] **FENETRE POUR CONTENANTS EN SPIRALE**
[72] LOWRY, JAMES L., US
[72] NELSON, BRIAN E., US
[73] SONOCO DEVELOPMENT, INC., US
[22] 2000-06-22

[11] **2,314,088**
[13] C
[51] **Int.Cl. 7F16F 9/36 7F16J 9/28**
[25] EN
[54] **AIR DAMPER WITH GRAPHITE COATED LIP SEAL**
[54] **REGISTRE A AIR AVEC JOINT A LEVRE REVETU DE GRAPHITE**
[72] BIVENS, STEVEN L., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 2000-07-18
[30] US (09/388,971) 1999-09-02

[11] **2,316,363**
[13] C
[51] **Int.Cl. 6A01N 57/34**
[25] EN
[54] **BIOCIDAL COMPOSITIONS AND TREATMENTS**
[54] **COMPOSITIONS ET TRAITEMENTS BIOCIDES**
[72] TALBOT, ROBERT ERIC, GB
[72] JONES, CHRISTOPHER RAYMOND, GB
[73] RHODIA CONSUMER SPECIALTIES LIMITED, GB
[85] 2000-06-22
[86] 1998-12-21 (PCT/EP1998/008394)
[87] (WO1999/033345)
[30] GB (9727006.0) 1997-12-23
[30] GB (9805407.5) 1998-03-14
[30] GB (9805746.6) 1998-03-19
[30] GB (9811778.1) 1998-06-03
[30] GB (9820255.9) 1998-09-18

[11] **2,317,604**
[13] C
[51] **Int.Cl. 6C07C 237/22 6C07C 259/06 6A61K 31/16**
[25] EN
[54] **MATRIX METALLOPROTEASE INHIBITORS**
[54] **INHIBITEURS DE METALLOPROTEASES MATRICIELLES**
[72] DICKINSON, ROGER PETER, GB
[72] DACK, KEVIN NEIL, GB
[72] FRAY, MICHAEL JONATHAN, GB
[73] PFIZER INC., US
[85] 2000-07-05
[86] 1998-12-23 (PCT/EP1998/008565)
[87] (WO1999/035124)
[30] GB (9800510.1) 1998-01-09
[30] GB (9811843.3) 1998-06-02

[11] **2,320,456**
[13] C
[51] **Int.Cl. 6C21C 5/56 6F27D 13/00 6F27B 3/18 6C21C 5/52**
[25] EN
[54] **DEVICE FOR PREHEATING CHARGING STOCK, COMPRISING REPLACEABLE STACK WALL SECTIONS**
[54] **DISPOSITIF POUR PRECHAUFFER UNE CHARGE D'ALIMENTATION, COMPORTANT DES SECTIONS DE PAROIS DE PUITS REMPLACABLES**
[72] FUCHS, GERHARD, DE
[73] ARCMET TECHNOLOGIE GMBH, AT
[85] 2000-08-07
[86] 1999-02-19 (PCT/EP1999/001101)
[87] (WO1999/042625)
[30] DE (198 07 590.1) 1998-02-23

[11] **2,322,989**
[13] C
[51] **Int.Cl. 6C07C 217/84 6C07D 295/08 6C07D 295/12 6A61K 7/13 6C07D 295/14 6C07C 271/28 6C07C 235/60 6C07C 211/63 6C07C 215/76**
[25] FR
[54] **COMPOSITION DE TEINTURE D'OXYDATION CONTENANT UN COUPLEUR CATIONIQUE, PROCEDES DE TEINTURE, NOUVEAUX COUPLEURS CATIONIQUES**
[54] **OXIDATION DYEING COMPOSITIONS CONTAINING A CATIONIC COUPLING AGENT, NOVEL CATIONIC COUPLING AGENTS**
[72] LAGRANGE, ALAIN, FR
[72] GENET, ALAIN, FR
[73] L'OREAL, FR
[85] 2000-09-12
[86] 1999-03-15 (PCT/FR1999/000574)
[87] (WO1999/048856)
[30] FR (98/03455) 1998-03-20

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[11] **2,324,985**
[13] C
[51] **Int.Cl. 7A61F 13/47**
[25] EN
[54] **BODY FLUID ABSORBENT INNER PANEL**
[54] **ELEMENT INTERIEUR ABSORBANT LES LIQUIDES CORPORELS**
[72] ISHIKAWA, OSAMU, JP
[72] MIZUTANI, KATSUMI, JP
[72] ONO, YOSHIO, JP
[73] UNI-CHARM CORPORATION, JP
[22] 2000-11-01
[30] JP (11-314211) 1999-11-04

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[11] **2,325,288**
[13] C
[51] **Int.Cl. 7F16H 41/26**
[25] EN
[54] **TORQUE CONVERTER**
[54] **CONVERTISSEUR DE COUPLE**
[72] YOSHIMOTO, TOKUJI, JP
[72] MAKITA, SEIJI, JP
[73] YUTAKA GIKEN CO., LTD., JP
[22] 2000-11-08
[30] JP (11-320905) 1999-11-11
[30] JP (11-320906) 1999-11-11
[30] JP (11-340827) 1999-11-30
[30] JP (11-340828) 1999-11-30

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[11] **2,329,650**
[13] C
[51] **Int.Cl. 7F01L 1/18**
[25] EN
[54] **VALVE OPERATING SYSTEM IN INTERNAL COMBUSTION ENGINE**
[54] **DISTRIBUTION DANS UN MOTEUR A COMBUSTION INTERNE**
[72] YAMADA, NORIYUKI, JP
[72] NAKAMURA, HIROMU, JP
[72] TANAKA, CHIKARA, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD .), JP
[22] 2000-12-27
[30] JP (11-375569) 1999-12-28

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[11] **2,334,419**
[13] C
[51] **Int.Cl. 7C23C 4/14**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR THERMALLY COATING THE CYLINDER BARRELS OF A COMBUSTION ENGINE**
[54] **METHODE ET APPAREIL DE REVETEMENT D'ISOLATION THERMIQUE DES CYLINDRES D'UN MOTEUR A COMBUSTION**
[72] KELLER, SILVANO, CH
[73] SULZER METCO AG, CH
[22] 2001-02-06
[30] CH (2000 0525/00) 2000-03-20

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[11] **2,334,524**
[13] C
[51] **Int.Cl. 7H05K 7/20 7H01L 23/02**
[25] EN
[54] **ELECTRONIC APPARATUS PROVIDED WITH AN ELECTRONIC CIRCUIT SUBSTRATE HAVING HIGH HEAT DISSIPATION**
[54] **APPAREIL ELECTRONIQUE DOTE D'UN SUBSTRAT DE CIRCUIT ELECTRONIQUE A HAUTE DISSIPATION DE CHALEUR**
[72] TAKANO, YORIHIRA, JP
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 2001-02-08
[30] JP (2000-232859) 2000-08-01

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[11] **2,334,573**
[13] C
[51] **Int.Cl. 6H04M 7/00 6H04L 29/06 6H04M 3/50 6H04L 12/58**
[25] EN
[54] **UNIVERSAL MESSAGING SYSTEM**
[54] **SYSTEME DE MESSAGERIE UNIVERSELLE**
[72] HOMAN, JOHN L., US
[72] MURPHY, ALLIE A., US
[72] LUZESKI, NICHOLAS M., US
[72] RUSSELL, GARY PAUL, US
[73] UNISYS CORPORATION, US
[85] 2000-12-06
[86] 1999-06-03 (PCT/US1999/012318)
[87] (WO1999/065216)
[30] US (09/094,266) 1998-06-09

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[11] **2,336,427**
[13] C
[51] **Int.Cl. 7E21B 36/00**
[25] EN
[54] **APPARATUS FOR TRACE HEATING A WELLHEAD FUEL GAS LINE AND SCRUBBER**
[54] **APPAREIL DE BRULAGE DES TRACES DE GAZ POUR LES TETES DE PUITS, LES CONDUITES DE GAZ ET LES EPURATEURS DE GAZ**
[72] KJELLAND, KEVIN, CA
[72] IMPEY, BRIAN THOMAS, CA
[73] KJELLAND, KEVIN, CA
[73] IMPEY, BRIAN THOMAS, CA
[22] 2001-03-01

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[11] **2,338,693**
[13] C
[51] **Int.Cl. 7C10L 5/44**
[25] EN
[54] **SYNTHETIC FIREPLACE LOG AND METHOD OF PRODUCING**
[54] **BUCHE DE FOYER SYNTHETIQUE ET PROCEDE DE PRODUCTION**
[72] HALL, CHARLES K., US
[72] BARRON, ROGER S., US
[72] TUTUPALLI, LOHIT, US
[72] ZACHARY, ALAN, US
[73] DURAFLAME, INC., US
[85] 2001-01-26
[86] 1999-07-26 (PCT/US1999/016939)
[87] (WO2000/006673)
[30] US (09/122,877) 1998-07-27

[11] **2,339,196**
[13] C
[51] **Int.Cl. 7B29C 47/70 7B29C 47/06**
[25] EN
[54] **DEVICE FOR CONTINUOUSLY PRODUCING SEAMLESS PLASTIC TUBES**
[54] **DISPOSITIF POUR LA PRODUCTION EN CONTINU DE TUBES EN MATIERE PLASTIQUE SANS LIGNE DE JOINT**
[72] NEUBAUER, GERHARD, DE
[73] UNICOR GMBH RAHN PLASTMASCHINEN, DE
[85] 2001-02-01
[86] 1999-07-13 (PCT/DE1999/002182)
[87] (WO2000/007801)
[30] DE (198 35 189.5) 1998-08-04

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[11] **2,339,437**
[13] C
[51] **Int.Cl. 7A01D 41/12 7A01D 43/08 7A01D 43/10**
[25] EN
[54] **APPARATUS FOR CHOPPING AND DISCHARGING STRAW FROM A COMBINE HARVESTER**
[54] **APPAREIL A COUPER ET A DECHARGER LA PAILLE D'UNE MOISSONNEUSE-BATTEUSE**
[72] REDEKOP, LEO, CA
[73] REDEKOP, LEO, CA
[22] 2001-03-06
[30] CA (2,299,993) 2000-03-06

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[11] **2,339,443**
[13] C
[51] **Int.Cl. 7F01D 5/18**
[25] EN
[54] **GAS TURBINE COOLED STATIONARY BLADE**
[54] **AUBE FIXE REFROIDIE PAR TURBINE A GAZ**
[72] ITO, EISAKU, JP
[72] TOMITA, YASUOKI, JP
[72] SHIROTA, AKIHIKO, JP
[72] KUWABARA, MASAMITSU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2001-03-06
[30] JP (2000-064058) 2000-03-08

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[11] **2,342,505**
[13] C
[51] **Int.Cl. 7B65H 75/48**
[25] EN
[54] **RETRACTING EXTENSION CORD REEL**
[54] **ENROULEUR DE RALLONGE ELECTRIQUE AUTOMATIQUE**
[72] KOVACIK, JAMES D., US
[72] BLANCH, PAUL S., US
[72] SMITH, JOSEPH J., US
[73] ALERT STAMPING AND MANUFACTURING CO., INC., US
[22] 2001-03-29
[30] US (09/542,448) 2000-04-04

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[11] **2,345,565**
[13] C
[51] **Int.Cl. 7B61H 13/02**
[25] EN
[54] **QUICK RELEASE MECHANISM FOR A RAILWAY CAR HAND BRAKE**
[54] **MECANISME A DEGAGEMENT RAPIDE DE FREIN A MAIN DE WAGON**
[72] LABRIOLA, ANGELO M., US
[72] SOMMERFELD, HOWARD, US
[72] RING, EVERETT G., US
[73] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2001-04-30
[30] US (09/664,210) 2000-09-18

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[11] **2,345,954**
[13] C
[51] **Int.Cl. 7F41H 11/12 7G01C 15/00 7G01V 3/12 7G01S 13/88**
[25] EN
[54] **MINE DETECTOR AND INSPECTION APPARATUS**
[54] **DETECTEUR DE MINES ET APPAREIL D'INSPECTION**
[72] TOMITA, HIROSHI, JP
[72] INOUE, YOSHITAKA, JP
[72] TOGUCHI, YOICHI, JP
[73] OMRON CORPORATION, JP
[73] GEO SEARCH CO., LTD., JP
[85] 2001-03-30
[86] 1999-10-20 (PCT/JP1999/005775)
[87] (WO2000/023762)
[30] JP (10/299479) 1998-10-21
[30] JP (11/127597) 1999-05-07

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[11] **2,346,408**
[13] C
[51] **Int.Cl. 7B01J 31/18 7C07F 13/00 7C07F 15/00 7C07C 45/50**
[25] EN
[54] **HYDROFORMYLATION PROCESS USING CHLOROPHOSPHITE-METAL CATALYST SYSTEM**
[54] **PROCEDE D'HYDROFORMYLATION UTILISANT UN SYSTEME DE CATALYSEUR METALLIQUE A BASE DE CHLOROPHOSPHITE**
[72] PUCKETTE, THOMAS ALLEN, US
[72] TOLLESON, GINETTE STRUCK, US
[73] EASTMAN CHEMICAL COMPANY, US
[85] 2001-04-05
[86] 1999-10-15 (PCT/US1999/024412)
[87] (WO2000/023187)
[30] US (09/173,771) 1998-10-16

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[11] **2,347,600**
[13] C
[51] **Int.Cl. 7B26D 5/00**
[25] EN
[54] **A DEVICE FOR CONTROLLING A MACHINE FOR CUTTING BLANKS FROM A SHEET MATERIAL**
[54] **DISPOSITIF DE COMMANDE DE MACHINE POUR DECOUPER DES EBAUCHES DANS UN MATERIAU EN FEUILLE**
[72] NICOLE, MARC, CH
[73] BOBST S.A., CH
[22] 2001-05-15
[30] CH (2000 0962/00) 2000-05-16

[11] **2,355,482**
[13] C
[51] **Int.Cl. 7C22C 38/18 7C21C 7/00 7C22C 38/04 7C22C 38/06**
[25] EN
[54] **MACHINE STRUCTURE STEEL SUPERIOR IN CHIP DISPOSABILITY AND MECHANICAL PROPERTIES**
[54] **ACIER MACHINE AYANT DES PROPRIETES MECANIQUES ET D'EVACUATION DES COPEAUX SUPERIEURES**
[72] SHINDO, YOSUKE, JP
[72] TSUCHIDA, TAKEHIRO, JP
[72] KIMURA, SEI, JP
[72] YAGUCHI, HIROSHI, JP
[72] KAISO, MASATO, JP
[72] SAKAMOTO, KOICHI, JP
[72] SOMEKAWA, MASAMI, JP
[72] HOSHIKAWA, IKUO, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 2001-08-21
[30] JP (2000-261231) 2000-08-30
[30] JP (2000-270762) 2000-09-06

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[11] **2,355,588**
[13] C
[51] **Int.Cl. 7C22C 38/18 7C21C 7/00 7C22C 38/04**
[25] EN
[54] **FREE MACHINING STEEL FOR USE IN MACHINE STRUCTURE OF EXCELLENT MECHANICAL CHARACTERISTICS**
[54] **ACIER DE DECOLLETAGE POUR UTILISATION DANS DES MACHINES AYANT D'EXCELLENTES CARACTERISTIQUES MECANIQUES**
[72] YAGUCHI, HIROSHI, JP
[72] SHINDO, YOSUKE, JP
[72] TSUCHIDA, TAKEHIRO, JP
[72] KUDOU, TAKAHIRO, JP
[72] KAISO, MASATO, JP
[72] SOMEKAWA, MASAMI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 2001-08-17
[30] JP (2000-263998) 2000-08-31

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[11] **2,356,951**
[13] C
[51] **Int.Cl. 7F15D 1/12 7F42B 19/12 7B63B 1/34**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING DISSIPATION RATE OF FLUID EJECTED INTO BOUNDARY LAYER**
[54] **PROCEDE ET APPAREIL REDUISANT LA VITESSE D'EVACUATION D'UN FLUIDE INJECTE DANS LA COUCHE LIMITE**
[72] BABENKO, VICTOR V., UA
[73] CORTANA CORPORATION, US
[85] 2001-06-27
[86] 1999-12-30 (PCT/US1999/031145)
[87] (WO2000/038824)
[30] US (09/223,783) 1998-12-31

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[11] **2,359,424**
[13] C
[51] **Int.Cl. 7B23K 9/095**
[25] EN
[54] **MONITOR FOR ELECTRIC ARC WELDER**
[54] **APPAREIL DE MESURE POUR SOUDEUR A L'ARC ELECTRIQUE**
[72] HSU, CHRISTOPHER, US
[73] LINCOLN GLOBAL, INC., US
[22] 2001-10-18
[30] US (09/716,803) 2000-11-20

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[11] **2,367,480**
[13] C
[51] **Int.Cl. 7B60N 2/44**
[25] EN
[54] **MECHANICAL SEAT LOCK WITH TRANSLATING ROD THAT DOES NOT ROTATE**
[54] **VERROU DE SIEGE MECANIQUE A TIGE DE TRANSLATION NON TOURNANTE**
[72] TRIBBETT, KEVIN N., US
[73] P.L. PORTER CO., US
[85] 2001-10-05
[86] 2000-04-20 (PCT/US2000/010786)
[87] (WO2000/063044)
[30] US (09/295,920) 1999-04-21

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[11] **2,369,735**
[13] C
[51] **Int.Cl. 7A61K 6/00**
[25] EN
[54] **DENTURE ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES POUR PROTHESE DENTAIRE**
[72] SCHUMACHER, CAROLE ANN, US
[72] WHITNEY, JOHN ROY, US
[72] GILDAY-WEBER, KIMBERLY ANN, US
[72] RAJAIAH, JAYANTH, US
[72] ERNST, LISA CATRON, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-10-02
[86] 2000-04-13 (PCT/US2000/010185)
[87] (WO2000/061071)
[30] US (60/129,164) 1999-04-14
[30] US (60/152,158) 1999-09-02

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[11] **2,370,429**
[13] C
[51] **Int.Cl. 7B60G 5/00**
[25] EN
[54] **LOAD DISTRIBUTING TANDEM SUSPENSION ASSEMBLY**
[54] **ENSEMBLE DE SUSPENSION EN TANDEM A REPARTITION DE LA CHARGE**
[72] SIMARD, ANDRE-MARIE, CA
[73] EMMANUEL SIMARD ET FILS (1983) INC., CA
[22] 2002-02-01
[30] US (09/812.684) 2001-03-21

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[11] **2,370,898**
[13] C
[51] **Int.Cl. 7H01R 13/631 7H01R 12/00 7H01R 35/04**
[25] EN
[54] **A PLUG CONNECTOR, CONSISTING OF A PLUG-IN JACK AND A PLUG PART**
[54] **CONNECTEUR COMPRENANT UNE PARTIE MALE ET UNE PARTIE FEMELLE**
[72] BERNAT, JEAN FRANCOIS, FR
[72] VANSSAY, JEAN-MERRI, FR
[73] HARTING ELECTRONICS GMBH & CO. KG, DE
[22] 2002-02-07
[30] DE (101 05 966.3) 2001-02-09
[30] DE (101 38 545.5) 2001-08-06

[11] **2,373,552**
[13] C
[51] **Int.Cl. 7C08J 7/04 7G02B 1/04 7C08J 7/06**
[25] EN
[54] **PLASMA SURFACE TREATMENT OF SILICONE HYDROGEL CONTACT LENSES WITH A FLEXIBLE CARBON COATING**
[54] **TRAITEMENT DE SURFACE AU PLASMA DE LENTILLES DE CONTACT A BASE D'HYDROGEL DE SILICONE, A L'AIDE D'UN REVETEMENT SOUPLE DE CARBONE**
[72] MCGEE, JOSEPH A., US
[72] VALINT, PAUL L., JR., US
[72] AMMON, DANIEL M., JR., US
[72] GROBE, GEORGE L., III, US
[73] BAUSCH & LOMB INCORPORATED, US
[85] 2001-11-08
[86] 2000-05-12 (PCT/US2000/012952)
[87] (WO2000/071611)
[30] US (09/315,558) 1999-05-20

[11] **2,373,725**
[13] C
[51] **Int.Cl. 7F25B 9/06**
[25] EN
[54] **EJECTOR CYCLE SYSTEM**
[54] **DISPOSITIF DE REGLAGE DU CYCLE D'EJECTEUR**
[72] OSHITANI, HIROSHI, JP
[72] TAKEUCHI, HIROTSUGU, JP
[72] YAMANAKA, YASUSHI, JP
[73] DENSO CORPORATION, JP
[22] 2002-02-28
[30] JP (2001-57260) 2001-03-01
[30] JP (2001-208011) 2001-07-09

[11] **2,377,726**
[13] C
[51] **Int.Cl. 7H04R 1/08**
[25] EN
[54] **ACOUSTIC PROTECTIVE COVER ASSEMBLY**
[54] **BOITIER DE PROTECTION ACOUSTIQUE**
[72] CHAPMAN, BRIAN G., US
[72] BANTER, CHAD ANTHONY, US
[73] GORE ENTERPRISE HOLDINGS, INC., US
[85] 2001-12-18
[86] 2000-07-07 (PCT/US2000/018688)
[87] (WO2001/003468)
[30] US (09/348,416) 1999-07-07

[11] **2,381,620**
[13] C
[51] **Int.Cl. 7E21B 33/12**
[25] EN
[54] **STRADDLE PACKER TOOL FOR WELL TREATING HAVING VALVING AND FLUID BYPASS SYSTEM**
[54] **OUTIL DE PACKER D'INTERVALLES POUR LE TRAITEMENT DE PUITS COMPORTANT DES SOUPAPES ET UN SYSTEME DE CONTOURNEMENT DE LIQUIDE**
[72] SHEFFIELD, RANDOLPH J., US
[72] OETTLI, MARK C., US
[72] ESLINGER, DAVID M., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 2002-04-11
[30] US (60/284,590) 2001-04-18
[30] US (10/113,500) 2002-04-01

[11] **2,383,641**
[13] C
[51] **Int.Cl. 7A63B 22/04 7A63B 22/08 7A63B 69/16**
[25] EN
[54] **COMBINED CYCLING AND STEPPING EXERCISER**
[54] **EXERCISEUR COMBINANT VELO FIXE ET MARCHES**
[72] LEE, SUNNY, XX
[73] LEE, SUNNY, XX
[22] 2002-04-26

[11] **2,384,144**
[13] C
[51] **Int.Cl. 7B60R 25/10 7B60R 25/04**
[25] EN
[54] **ELECTRIC VEHICLE**
[54] **VEHICULE ELECTRIQUE**
[72] AOKI, TAKASHI, JP
[72] ISHII, HIROSHI, JP
[72] OHNUMA, NOBUHITO, JP
[73] TOKYO R & D CO., LTD., JP
[85] 2002-03-05
[86] 2000-08-31 (PCT/JP2000/005926)
[87] (WO2001/017829)
[30] JP (11/253432) 1999-09-07

[11] **2,386,066**
[13] C
[51] **Int.Cl. 7C12N 5/18 7C07K 16/28 7G01N 33/569 7G01N 33/68**
[25] EN
[54] **DETECTION OF HLA-G**
[54] **DETECTION DE HLA-G**
[72] LIBRACH, CLIFFORD L., CA
[72] YIE, SHANG-MIAN, CA
[73] LIBRACH, CLIFFORD L., CA
[73] YIE, SHANG-MIAN, CA
[85] 2002-03-27
[86] 2000-09-27 (PCT/CA2000/001116)
[87] (WO2001/023893)
[30] US (09/407,056) 1999-09-27

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[13] C
[51] **Int.Cl. 7C07K 1/02 7C07K 1/06 7C07K 1/14**
[25] EN
[54] **PROCESS FOR RAPID SOLUTION SYNTHESIS OF PEPTIDES**
[54] **PROCEDE POUR LA SYNTHESE RAPIDE EN SOLUTION DE PEPTIDES**
[72] TEN KORTENAAR, PAULUS BERNARDUS WILHELMUS, NL
[72] HAASNOOT, CORNELIS ALBERT GRUSON, NL
[72] EGGEN, IVO FRANCI, NL
[73] AKZO NOBEL N.V., NL
[22] 2002-07-18
[30] EP (01202753.8) 2001-07-19

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[13] C
[51] **Int.Cl. 7B65D 90/24**
[25] EN
[54] **MODULAR SPILL CONTAINMENT STRUCTURE**
[54] **STRUCTURE MODULAIRE DE CONFINEMENT DE DEVERSEMENT**
[72] KOSOLOFSKI, DAN, CA
[73] DANCIN OILFIELD SERVICES LTD., CA
[22] 2002-07-26

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[13] C
[51] **Int.Cl. 7G08B 15/00 7G08B 13/08**
[25] EN
[54] **THEFT DETERRING SHELF AID DISPENSING DEVICE**
[54] **ETAGERE DE DISTRIBUTION A DISPOSITIF DE PREVENTION DU VOL**
[72] GERVASI, PAUL, CA
[73] GERVASI, PAUL, CA
[85] 2003-03-06
[86] 2002-09-30 (PCT/CA2002/001489)
[87] (WO2004/028311)

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[13] C
[51] **Int.Cl. 7F02D 41/30 7F02B 1/06 7F02B 1/10 7F02D 41/38**
[25] EN
[54] **METHOD FOR CONTROLLING COMBUSTION IN AN INTERNAL COMBUSTION ENGINE AND PREDICTING PERFORMANCE AND EMISSIONS**
[54] **METHODE DE CONTROLE DE LA COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE ET DE PREVISION DU RENDEMENT ET DES EMISSIONS DE GAZ D'ECHAPPEMENT**
[72] LI, GUOWEI, CA
[72] ZHANG, DEHONG, CA
[72] HILL, PHILIP G., CA
[72] DUNN, MARK E., CA
[73] WESTPORT RESEARCH INC., CA
[22] 2003-09-23

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[13] A1
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[25] EN
[54] **CONDITIONAL KNOCKOUT METHOD FOR GENE TRAPPING AND GENE TARGETING USING AN INDUCIBLE GENE SILENCER**
[54] **METHODE D'INACTIVATION CONDITIONNELLE A L'AIDE D'UN SILENCEUR INDUCTIBLE POUR LE PIEGEAGE ET LE CIBLAGE DE GENES**
[72] BARTON, MICHAEL, US
[72] ASKEW, G. ROGER, US
[72] KANKI, KIM L., US
[71] WYETH, US
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,429,838**
[13] A1
[51] **Int.Cl. 7F23L 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR A SIMPLIFIED PRIMARY AIR SYSTEM FOR IMPROVING FLUID FLOW AND GAS MIXING IN RECOVERY BOILERS**
[54] **METHODE ET APPAREIL POUR SYSTEME D'AIR PRIMAIRE SIMPLIFIE POUR AMELIORER L'ECOULEMENT DU FLUIDE ET LE MELANGE DES GAZ DANS LES CHAUDIERES DE RECUPERATION**
[72] BLACKWELL, BRIAN ROBIN, CA
[72] MACCALLUM, COLIN, CA
[71] BOILER ISLAND AIR SYSTEMS INC., CA
[71] BLACKWELL, BRIAN ROBIN, CA
[71] MACCALLUM, COLIN, CA
[22] 2003-05-29
[41] 2004-11-29

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[13] A1
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[25] EN
[54] **VERY LONG CHAIN FATTY ACID BIOSYNTHESIS GENE LFKCS45**
[54] **GENE LFKCS45 POUR LA BIOSYNTHESE D'ACIDES GRAS A TRES LONGUE CHAINE**
[72] MOON, HANGSIK, US
[72] SMITH, MARK A., CA
[72] KUNST, LJERKA, CA
[72] CHOWRIRA, GANGAMMA, CA
[71] UNIVERSITY OF BRITISH COLUMBIA, CA
[22] 2003-05-29
[41] 2004-11-29

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[13] A1
[51] **Int.Cl. 7G08G 1/127 7G08C 17/02 7G01S 5/02 7H04B 7/14 7G01S 5/14 7G01C 21/20**
[25] EN
[54] **SYSTEM AND APPARATUS TO TRACK THE POSITION AND MOVEMENT OF MOBILE ENTITIES UTILIZING PROXIMITY BASED RADIO FREQUENCY IDENTIFICATION TECHNOLOGY IN CONJUNCTION WITH RADIO FREQUENCY DATA TRANSMISSION AND ENCASED WITHIN A FORM FACTOR THAT CAN REPLACE STANDARD, EMERGENCY, OR AIRPORT RUNWAY LIGHTING COMPONENTS AND OPTIONALLY INCLUDES UNIDIRECTIONAL OR OMNIDIRECTIO**
[54] **SYSTEME ET APPAREIL DE SUIVI DE POSITION ET DE MOUVEMENT DES ENTITES MOBILES SELON UNE TECHNOLOGIE D'IDENTIFICATION RADIOELECTRIQUE DE PROXIMITE ET DE TRANSMISSION RADIOELECTRIQUEDE DONNEES, DANS UN FORMAT DE BOITIER PERMETTANT DE REMPLACER DES ELEMENTS DE BALISAGE LUMINEUX NORMAUX, D'URGENCE OU DE PISTE D'AEROPORT ET INCLUANT OPTIONNELLEMENT LA CAPACITE DE**
[72] SATO, KIMIHIKO ERNST, CA
[71] SATO, KIMIHIKO ERNST, CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,429,891**
[13] A1
[51] **Int.Cl. 7C12N 15/62 7C07K 19/00 7C12N 5/12 7C07K 16/46**
[25] EN
[54] **MEMBRANE FUSION PROTEIN**
[54] **PROTEINE HYBRIDE DE MEMBRANE**
[72] DUNCAN, ROY, CA
[71] FUSOGENIX INC., CA
[22] 2003-06-02
[41] 2004-12-02

[21] **2,429,903**
[13] A1
[51] **Int.Cl. 7B28B 7/00 7B28B 7/36**
[25] EN
[54] **MOULDING**
[54] **MOULURE**
[72] AMEND, VICTOR, CA
[71] AMVIC BUSINESS DEVELOPMENT INC., CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,429,906**
[13] A1
[51] **Int.Cl. 7A61N 5/06**
[25] EN
[54] **CONTROLLABLE LIGHT THERAPY APPARATUS AND METHOD OF TREATING WITH LIGHT THERAPY**
[54] **APPAREIL DE PHOTOTHERAPIE REGLABLE ET METHODE DE TRAITEMENT PAR LA PHOTOTHERAPIE**
[72] MORI, TONY, CA
[72] MERCIER, CHARLES, CA
[72] BRODEUR, JENNIFER, CA
[72] VIENGKHOU, SITHIDETH, CA
[71] FLIP4 INC., CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,429,913**
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[51] **Int.Cl. 7A01K 97/10**
[25] EN
[54] **FISHING ROD HOLDER**
[54] **SUPPORT DE CANNE A PECHE**
[72] FULOP, FRANK, CA
[71] FULOP, FRANK, CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,430,028**
[13] A1
[51] **Int.Cl. 7B62D 55/24**
[25] EN
[54] **VEHICLE ENDLESS TRACK**
[54] **CHENILLE DE VEHICULE**
[72] HAVINGA, RICHARD DARREL, CA
[71] FOREMOST INDUSTRIES INC., CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,430,049**
[13] A1
[51] **Int.Cl. 7A63C 3/00 7A45B 7/00 7A63B 69/00**
[25] EN
[54] **SPORTS TRAINING STICK**
[54] **BATON D'ENTRAINEMENT SPORTIF**
[72] DUFOUR, LOUIS-GEORGES, CA
[71] DUFOUR, LOUIS-GEORGES, CA
[22] 2003-05-29
[41] 2004-11-29

[21] **2,430,069**
[13] A1
[51] **Int.Cl. 7B62B 9/00**
[25] EN
[54] **WHEEL ASSEMBLY FOR A STROLLER**
[54] **ROUE POUR POUSSETTE**
[72] LAN, RED, XX
[71] LAN, RED, XX
[22] 2003-05-29
[41] 2004-11-29

[21] **2,430,092**
[13] A1
[51] **Int.Cl. 7G06F 13/16 7G06F 17/30 7H04Q 7/36 7G06F 17/40**
[25] EN
[54] **L4 SECURE COMPUTERIZED SYSTEM**
[54] **SYSTEME INFORMATISE SECURISE L4**
[72] FLEMING, JAMES S., CA
[72] REID, MARK A., CA
[72] ORR, DAVID F., CA
[71] PRECLARUS TECHNOLOGIES INC., CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,430,141**
[13] A1
[51] **Int.Cl. 7A61G 17/04**
[25] FR
[54] **MECANISME DE LEVIER POUR LITS DE CERCUEILS**
[54] **LEVER MECHANISM FOR COFFIN BEDS**
[72] RANDAZZO, ANTONINO, CA
[71] RANDAZZO, ANTONINO, CA
[22] 2003-06-02
[41] 2004-12-02

[21] **2,430,150**
[13] A1
[51] **Int.Cl. 7A47K 10/38 7B65H 20/02 7B65H 16/10 7A47K 10/22**
[25] FR
[54] **DISTRIBUTRICE DE PAPIERS EN ROULEAU MUNIE D'UN DISPOSITIF DE RECONNAISSANCE DE ROULEAU**
[54] **ROLL PAPER DISPENSER WITH ROLL RECOGNITION SYSTEM**
[72] LEMAIRE, ALAIN, CA
[72] MARTIN, YVES, CA
[72] DION, MARCEL, CA
[72] RUEL, FRANCOIS, CA
[72] LEMAIRE, LAURENT, CA
[71] CASCADES GROUPE TISSU INC., CA
[22] 2003-06-03
[41] 2004-12-03

[21] **2,430,157**
[13] A1
[51] **Int.Cl. 7B60K 6/02**
[25] FR
[54] **SYSTEME DE TRACTION POUR VEHICULE ELECTRIQUE**
[54] **ELECTRIC VEHICLE TRACTION SYSTEM**
[72] BLOUIN, PIERRE, CA
[72] HOULE, MARTIN, CA
[72] BIBEAU, LOUIS-PHILIPPE, CA
[72] NOEL, PHILIPPE, CA
[72] XU, JIANHONG, CA
[72] LAMBERT, GHISLAIN, CA
[71] TM4 INC., CA
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,158**
[13] A1
[51] **Int.Cl. 7E21C 49/00 7A01D 31/00 7C10F 5/04**
[25] FR
[54] **PROCEDE DE RECOLTE ET DE PREPARATION DE LA TOURBE DE SPHAIGNE ET SECHOIR POUR MENER A BIEN CE PROCEDE**
[54] **PEAT MOSS HARVESTING AND PREPARATION PROCESS AND THE DRYER USED TO CARRY OUT THE PROCESS**
[72] UNKNOWN, ZZ
[71] PREMIER HORTICULTURE LTEE, CA
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,178**
[13] A1
[51] **Int.Cl. 7H04M 1/274 7H04M 11/00 7G06F 15/02 7H04Q 7/24**
[25] EN
[54] **IMPLEMENTING DIRECT TELEPHONE ACCESS ON A MULTI-PURPOSE WIRELESS MOBILE ELECTRONIC DEVICE**
[54] **APPLICATION D'ACCES TELEPHONIQUE DIRECT DANS UN DISPOSITIF ELECTRONIQUE MOBILE POLYVALENT SANS FIL**
[72] MAJOR, HARRY R., CA
[72] COSTANZO, RITO NATALE, GB
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,430,185**
[13] A1
[51] **Int.Cl. 7C08L 83/04 7C08G 81/02 7G02C 7/04 7A61F 2/14 7C08J 5/22 7C08J 3/24 7C08L 33/26**
[25] EN
[54] **OPHTHALMIC BIOMATERIALS AND PREPARATION THEREOF**
[54] **BIOMATERIAUX OPHTALMIQUES ET PREPARATION DE CES BIOMATERIAUX**
[72] LIU, L., CA
[72] SHEARDOWN, HEATHER D., CA
[72] LIU, L., CA
[71] SHEARDOWN, HEATHER D., CA
[71] LIU, L., CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,430,193**
[13] A1
[51] **Int.Cl. 7G06F 19/00 7G06F 3/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SYNTHESIZING VIRTUAL INTERACTION BETWEEN RIGID AND DEFORMABLE BODIES**
[54] **METHODE ET APPAREIL DE SYNTHESE DES INTERACTIONS VIRTUELLES ENTRE CORPS RIGIDES ET DEFORMABLES**
[72] MOHAMMADI, MOHSEN MAHVASH, CA
[72] HAYWARD, VINCENT, CA
[71] MCGILL UNIVERSITY, CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,430,198**
[13] A1
[51] **Int.Cl. 7F16K 24/04**
[25] EN
[54] **ONE-WAY DEGASSING VALVE FOR CONTAINERS OF POWDER PRODUCTS SUCH AS COFFEE AND THE LIKE**
[54] **SOUPAPE DE DEGAZAGE UNIDIRECTIONNELLE POUR LES CONTENANTS DE PRODUITS EN POUDRE COMME LE CAFE ET D'AUTRES PRODUITS SEMBLABLES**
[72] GOGLIO, LUIGI, IT
[71] P.L.V. SPA, IT
[22] 2003-05-28
[41] 2004-11-28

[21] **2,430,200**
[13] A1
[51] **Int.Cl. 7B65B 3/00 7B65B 7/00 7B65B 51/10**
[25] EN
[54] **HIGH SPEED BAGGING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ENSACHAGE A HAUTE VITESSE**
[72] BASQUE, ROLAND, CA
[71] GLOPAK INC., CA
[22] 2003-05-28
[41] 2004-11-28

[21] **2,430,226**
[13] A1
[51] **Int.Cl. 7B01D 53/92 7B01D 53/62**
[25] FR
[54] **SYSTEME D'ELIMINATION DE GAZ A EFFET DE SERRE (CO2) PROVENANT DE MOTEURS A COMBUSTION INTERNE, AINSI QUE DE TOUTES COMBUSTIONS**
[54] **SYSTEM THAT ELIMINATES GREENHOUSE GASES (CO2) FROM INTERNAL COMBUSTION ENGINES AND FROM ALL OTHER SOURCES OF COMBUSTION**
[72] AKSIMAN, MEHDI, CA
[72] AKSIMAN, YOUSSEF, CA
[72] MUSUELE, PATRICK, CA
[71] AKSIMAN, MEHDI, CA
[71] AKSIMAN, YOUSSEF, CA
[71] MUSUELE, PATRICK, CA
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,245**
[13] A1
[51] **Int.Cl. 7A63B 69/00 7A63B 63/00**
[25] EN
[54] **IMAGE ROTATING TARGET APPARATUS**
[54] **APPAREIL A CIBLES-IMAGES TOURNANTES**
[72] BERDUGO, SIMON, CA
[72] CHAN, KENNETH, CA
[72] SMALL, ANDREW J., CA
[71] BERDUGO, SIMON, CA
[71] CHAN, KENNETH, CA
[71] SMALL, ANDREW J., CA
[22] 2003-06-02
[41] 2004-12-02

[21] **2,430,250**
[13] A1
[51] **Int.Cl. 7D06F 58/00**
[25] EN
[54] **RIGID DRYER DUCT ADAPTER**
[54] **ADAPTATEUR DE GAINE RIGIDE POUR SECHEUSE**
[72] FULLER, ROGER S., CA
[71] FULLER, ROGER S., CA
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,256**
[13] A1
[51] **Int.Cl. 7F24J 2/50 7E04B 7/00 7A01G 9/24 7E04D 3/32 7F24J 2/42**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING SEMI-TRANSPARENT CORRUGATED STRUCTURES WHICH AUTOMATICALLY CHANGE THEIR TRANSPARENCY TO THE SUN'S RAYS DURING THE HOURS OF THE DAY, AND THE RESULTING STRUCTURES**
[54] **SYSTEME ET METHODE POUR PRODUIRE DES STRUCTURES ONDULEES SEMI-TRANSPARENTES QUI MODIFIENT AUTOMATIQUEMENT LEUR TRANSPARENCE AUX RAYONS DU SOLEIL PENDANT LE JOUR, ET STRUCTURES CONNEXES**
[72] MAYER, YARON, IL
[72] BAUR, AL J.C., IL
[71] MAYER, YARON, IL
[71] BAUR, AL J.C., IL
[22] 2003-06-04
[41] 2004-12-04

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[13] A1
[51] **Int.Cl. 7F16K 11/00 7F16K 31/00 7G05D 23/19**
[25] EN
[54] **WATER FAUCET WITH AUTOMATIC TEMPERATURE ADJUSTMENT ACCORDING TO THE USER'S REQUEST**
[54] **ROBINET A EAU A REGLAGE AUTOMATIQUE DE LA TEMPERATURE SELON LES BESOINS DE L'UTILISATEUR**
[72] BAR-HON, BATYA, IL
[72] GADASSI, HAIM, IL
[72] COHEN, ANAT, IL
[72] MAYER, YARON, IL
[71] BAR-HON, BATYA, IL
[71] GADASSI, HAIM, IL
[71] COHEN, ANAT, IL
[71] MAYER, YARON, IL
[22] 2003-06-02
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[13] A1
[51] **Int.Cl. 7A01K 29/00**
[25] EN
[54] **CAT WARNING COLLAR**
[54] **COLLIER AVERTISSEUR POUR CHATS**
[72] STRAND, CARL OLAF, CA
[71] STRAND, CARL OLAF, CA
[22] 2003-06-04
[41] 2004-12-04

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[21] **2,430,317**
[13] A1
[51] **Int.Cl. 7G01L 1/16 7G01L 5/00 7G06T 7/20**
[25] EN
[54] **METHOD AND APPARATUS TO RECORD AND REPRODUCE TACTILE SENSATIONS**
[54] **METHODE ET APPAREIL POUR ENREGISTRER ET REPRODUIRE LES SENSATIONS TACTILES**
[72] LEVESQUE, VINCENT, CA
[72] PASQUERO, JEROME, CA
[72] HAYWARD, VINCENT, CA
[71] LEVESQUE, VINCENT, CA
[71] PASQUERO, JEROME, CA
[71] HAYWARD, VINCENT, CA
[22] 2003-05-29
[41] 2004-11-29

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[21] **2,430,320**
[13] A1
[51] **Int.Cl. 7C09K 3/18 7E01H 5/00 7E01H 10/00**
[25] EN
[54] **ENVIRONMENTALLY FRIENDLY ICE REMOVER (EFIR)**
[54] **PRODUIT DE DEGLACAGE ECOLOGIQUE**
[72] POON, AMY MIN-YEE, CA
[72] WANG, SYLVIA ZHENG, CA
[72] POON, QUI SUNG, CA
[71] POON, AMY MIN-YEE, CA
[71] WANG, SYLVIA ZHENG, CA
[71] POON, QUI SUNG, CA
[22] 2003-06-02
[41] 2004-12-02

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[21] **2,430,324**
[13] A1
[51] **Int.Cl. 7F24F 13/02 7F16L 25/14**
[25] EN
[54] **MODULAR ADAPTOR FOR PACKAGED AIR-CONDITIONING AIR DISTRIBUTION**
[54] **ADAPTATEUR MODULAIRE POUR LA DISTRIBUTION D'AIR DE CONDITIONNEUR D'AIR MONOBLOC**
[72] HAVENGA, JOHANN I., CA
[72] GILIOMEE, BURGERD WYNAND, CA
[72] LEROUX, ABRAHAM HERCULES, CA
[71] GROEN ENVIRONMENTAL SYSTEMS INC., CA
[22] 2003-06-03
[41] 2004-12-03

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[21] **2,430,347**
[13] A1
[51] **Int.Cl. 7H05K 7/14 7H04J 14/00 7H05K 5/00 7H01R 33/00 7H04B 10/20**
[25] EN
[54] **SONET MULTIPLEXER HAVING FRONT PANEL ACCESS TO ELECTRICAL AND OPTICAL CONNECTORS AND METHOD FOR USING SAME**
[54] **MULTIPLEXEUR SONET PERMETTANT L'ACCES SUR PANNEAU AVANT A DES CONNECTEURS ELECTRIQUES ET OPTIQUES ET METHODE D'UTILISATION DE CE MULTIPLEXEUR**
[72] LIPSKI, BRUCE, US
[72] MILLER, GARY, US
[72] CORP, DAVID, US
[71] HUBBELL INCORPORATED, US
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,353**
[13] A1
[51] **Int.Cl. 7H05K 7/14 7H04J 14/00 7H05K 5/00 7H04J 14/02 7H01R 25/16 7H04B 10/20**
[25] EN
[54] **COMPACT ENCLOSURE FOR INTERCHANGEABLE SONET MULTIPLEXER CARDS AND METHOD FOR USING SAME**
[54] **COFFRET COMPACT POUR CARTES DE MULTIPLEXEUR SONET INTERCHANGEABLES, ET METHODE D'UTILISATION**
[72] LIPSKI, BRUCE, US
[72] MILLER, GARY, US
[72] CORP, DAVID, US
[71] HUBBELL INCORPORATED, US
[22] 2003-05-30
[41] 2004-11-30

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[13] A1
[51] **Int.Cl. 7H05K 5/00 7H02G 3/08**
[25] EN
[54] **PROTECTIVE SECURITY ENCLOSURE**
[54] **BOITE DE SECURITE**
[72] KROGFOSS, ROCKY PETER NORMAN, CA
[71] KROGFOSS, ROCKY PETER NORMAN, CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,362**
[13] A1
[51] **Int.Cl. 7A47C 15/00 7G09F 23/00**
[25] EN
[54] **THE REUSABLE DERRIERE BARRIER**
[54] **PROTEGE-FESSIER REUTILISABLE**
[72] MACKENZIE, DIYAN, CA
[71] MACKENZIE, DIYAN, CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,383**
[13] A1
[51] **Int.Cl. 7G06F 9/45 7G06F 9/445**
[25] EN
[54] **EFFICIENTLY RELEASING LOCKS WHEN AN EXCEPTION OCCURS**
[54] **VERROUS A DECLENCHEMENT EFFICACE EN CAS D'EXCEPTION**
[72] STOODLEY, MARK G., CA
[72] SUNDARESAN, VIJAY, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,399**
[13] A1
[51] **Int.Cl. 7B44C 1/00 7B41F 15/02**
[25] EN
[54] **DECORATIVE PATTERN APPLICATION KIT**
[54] **NECESSAIRE D'APPLICATION DE MOTIFS DECORATIFS**
[72] SMITH, RUTH MARIE, CA
[71] SMITH, RUTH MARIE, CA
[22] 2003-05-28
[41] 2004-11-28

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[21] **2,430,400**
[13] A1
[51] **Int.Cl. 7E06B 9/38 7B44C 1/00**
[25] EN
[54] **BLINDARTS**
[54] **STORES ARTISTIQUES ET IMAGES ARTISTIQUES POUR STORES**
[72] IBUSCA, JOSE, CA
[71] IBUSCA, JOSE, CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,402**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **PORTFOLIO TUNE-UP TOOL**
[54] **OUTIL D'ACCORD DE PORTEFEUILLE**
[72] IRWIN, ADRIAN, CA
[72] OILLE, FREDERICK J., CA
[71] MPL COMMUNICATIONS INC., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,413**
[13] A1
[51] **Int.Cl. 7F04B 9/12 7F04B 35/02**
[25] EN
[54] **PUMPING APPARATUS ACTUATED BY NATURAL GAS**
[54] **APPAREIL DE POMPAGE ACTIONNE PAR LE GAZ NATUREL**
[72] GRESCHNER, GERALD, CA
[71] GRESCHNER, GERALD, CA
[22] 2003-05-29
[41] 2004-11-29

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[21] **2,430,418**
[13] A1
[51] **Int.Cl. 7G01B 5/25 7G01B 21/24**
[25] EN
[54] **SELF-CENTERING TOOL FOR MEASURING OR ADJUSTING THE POSITION OF AN OARLOCK RELATIVE TO THE CENTERLINE OF A RACING SHELL**
[54] **OUTIL AUTOCENTREUR POUR MESURER OU REGLER LA POSITION D'UN TOLET PAR RAPPORT A L'AXE D'UNE EMBARCATION DE COURSE**
[72] STEWART, MICHAEL S., CA
[71] STEWART, MICHAEL S., CA
[22] 2003-05-29
[41] 2004-11-29

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[21] **2,430,427**
[13] A1
[51] **Int.Cl. 7B08B 9/087 7A47L 25/00**
[25] EN
[54] **TANK CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE RESERVOIR**
[72] SAVARD, DONALD D., CA
[71] SAVARD, DONALD D., CA
[22] 2003-05-29
[41] 2004-11-29

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[21] **2,430,429**
[13] A1
[51] **Int.Cl. 7A01D 34/74 7H02K 9/00 7A01D 34/67**
[25] EN
[54] **LAWNMOWER**
[54] **TONDEUSE A GAZON**
[72] JAGER, WILLEM, CA
[71] JAGER, WILLEM, CA
[22] 2003-05-29
[41] 2004-11-29

[21] **2,430,434**
[13] A1
[51] **Int.Cl. 7E05D 13/00 7E05D 15/16**
[25] EN
[54] **WALL BRACKET FOR GARAGE DOORS AND THE LIKE**
[54] **SUPPORT MURAL POUR PORTES DE GARAGE ET ARTICLES SEMBLABLES**
[72] BARRIAULT, PATRICK, CA
[72] BEAUDOIN, FRANCOIS, CA
[72] LEVESQUE, JEAN-FRANCOIS, CA
[71] CANIMEX INC., CA
[22] 2003-05-29
[41] 2004-11-29

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[21] **2,430,442**
[13] A1
[51] **Int.Cl. 7C08F 293/00 7C08G 63/02 7C08F 2/12 7C08F 218/16 7A61K 47/30 7C08F 4/42**
[25] EN
[54] **ONE-STEP SYNTHESIS OF AMPHIPHILIC DIBLOCK COPOLYMERS FROM BACTERIAL POLY(¬R|-3-HYDROXYBUTYRIC ACID)**
[54] **SYNTHESE EN UNE ETAPE DE COPOLYMERES BISEQUENCES AMPHIPHILES A PARTIR DE POLY(ACIDE R-3-HYDROXYBUTYRIQUE) D'ORIGINE BACTERIENNE**
[72] RAVANELLE, FRANCOIS, CA
[72] MARCHESSAULT, ROBERT H., CA
[71] MCGILL UNIVERSITY, CA
[22] 2003-05-29
[41] 2004-11-29

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[21] **2,430,450**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**
[25] EN
[54] **BUY SELL RESEARCH**
[54] **RECHERCHE SUR LES ACHATS ET VENTES**
[72] IRWIN, ADRIAN, CA
[72] OILLE, FREDERICK J., CA
[71] MPL COMMUNICATIONS INC., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,456**
[13] A1
[51] **Int.Cl. 7G06F 19/00 7G06F 15/00 7G06K 19/00**
[25] EN
[54] **OFFLINE CODE BASED RELOADING SYSTEM**
[54] **SYSTEME HORS LIGNE DE RECHARGEMENT PAR CODE**
[72] ADAMSON, RICHARD I. C., CA
[71] COINAMATIC CANADA INC., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,504**
[13] A1
[51] **Int.Cl. 7B62B 9/00 7B62B 7/04**
[25] EN
[54] **STROLLER WITH A ROTATABLE SEAT DISPOSED ROTATABLY ON A STROLLER FRAME THROUGH BEARINGS AND CONNECTED FIXEDLY TO A FORK MEMBER**
[54] **POUSSETTE AVEC SIEGE TOURNANT MONTE SUR LE CADRE DE LA POUSSETTE AU MOYEN DE ROULEMENTS ET RACCORDE A UNE FOURCHE**
[72] LAN, RED, XX
[71] LAN, RED, XX
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,510**
[13] A1
[51] **Int.Cl. 7B01D 35/30**
[25] EN
[54] **A METHOD OF PREVENTING AIR BYPASS IN A FILTER BANK AND A FILTER ASSEMBLY**
[54] **METHODE PERMETTANT D'EMPECHER LA DERIVATION D'AIR DANS UN BANC DE FILTRES, ET FILTRE**
[72] GRANVILLE, ARREN, CA
[72] SUTTON, DARREL, CA
[72] BENOIT, MIKE, CA
[71] B.G.E. SERVICE & SUPPLY LTD., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,538**
[13] A1
[51] **Int.Cl. 7B02C 19/12 7B02C 23/02**
[25] EN
[54] **CAN CRUSHER APPARATUS AND METHOD**
[54] **BROYEUR DE CANNETTES ET METHODE DE FONCTIONNEMENT**
[72] GAGNON, GUY, CA
[72] MARCOUX, PATRICK, CA
[71] ROBOVIC INC., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,541**
[13] A1
[51] **Int.Cl. 7A61K 7/48 7A61K 35/78**
[25] EN
[54] **COSMETIC**
[54] **COSMETIQUE**
[72] MARCHEGGIANI, MANUELA, CA
[72] MAJLESSI, DARIUSH, CA
[71] ISOMERS LABORATORIES, CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,546**
[13] A1
[51] **Int.Cl. 7B29C 49/48 7B29C 49/66**
[25] EN
[54] **HOLLOW NICKEL MOLD MEMBERS FOR USE IN BLOW MOLDING**
[54] **ELEMENTS DE MOULE EN NICKEL CREUX POUR UTILISATION EN MOULAGE PAR SOUFFLAGE**
[72] RYAN, MICHAEL J., CA
[72] WEBER, REINHART, CA
[71] WEBER, REINHART, CA
[71] SIG RYKA INC., CA
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,586**
[13] A1
[51] **Int.Cl. 7C07H 21/00 7C12Q 1/02 7C12N 15/10 7C12Q 1/68**
[25] EN
[54] **POPULATION PROFILING MATERIALS AND METHODS**
[54] **DONNEES ET METHODES DE DEFINITION DE PROFILS DE POPULATION**
[72] VAN KESSEL, ANDREW GERALD, CA
[72] HILL, JANET ELIZABETH, CA
[72] HEMMINGSEN, SEAN MATHIAS, CA
[71] VAN KESSEL, ANDREW GERALD, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,611**
[13] A1
[51] **Int.Cl. 7F16L 21/03**
[25] EN
[54] **PIPE JOINING ASSEMBLY**
[54] **JOINT DE TUYAUTERIE**
[72] LANTEIGNE, RENE, CA
[72] WOOLFORD, DOUG VICTOR, CA
[71] IPEX INC., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,632**
[13] A1
[51] **Int.Cl. 7A01M 1/14 7A01M 3/00**
[25] EN
[54] **ADHESIVE OBJECT HOLDER AND FLYING INSECT TRAP COMPRISING AN ADHESIVE OBJECT AND AN ADHESIVE OBJECT HOLDER**
[54] **PORTE-OBJET ADHESIF ET PIEGE A INSECTES AERIENS COMPRENANT UN OBJET ADHESIF ET UN PORTE-OBJET ADHESIF**
[72] ANANI, RIAD M., CA
[71] ANANI, RIAD M., CA
[22] 2003-05-28
[41] 2004-11-28

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[21] **2,430,635**
[13] A1
[51] **Int.Cl. 7A47J 27/16**
[25] EN
[54] **CONTINUOUS FLOW PRESSURIZED COOKER/BLANCHER**
[54] **CUISEUR-BLANCHEUR PRESSURISE A FLUX CONTINU**
[72] TYNDALL, HAROLD LAMONT, US
[71] CHARLOTTETOWN METAL PRODUCTS, CA
[22] 2003-06-02
[41] 2004-12-02

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[21] **2,430,638**
[13] A1
[51] **Int.Cl. 7C08J 5/04 7E04C 3/29**
[25] EN
[54] **REINFORCED COMPOSITE STRUCTURAL MEMBERS AND METHODS OF MAKING THE SAME**
[54] **ELEMENTS STRUCTURAUX COMPOSITES RENFORCES ET METHODES DE FABRICATION**
[72] SIMKO, PETER, CA
[72] ALMEIDA, CARLOS M., CA
[71] COMPOSITE BUILDING PRODUCTS INTERNATIONAL INC., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,641**
[13] A1
[51] **Int.Cl. 7A61J 9/06 7A47D 15/00**
[25] EN
[54] **ADJUSTABLE BOTTLE HOLDER**
[54] **PORTE-BOUTEILLE REGLABLE**
[72] BLACK, PATRICK T., US
[71] BLACK, PATRICK T., US
[22] 2003-06-02
[41] 2004-12-02

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[21] **2,430,643**
[13] A1
[51] **Int.Cl. 7A63B 69/36**
[25] EN
[54] **GOLF POSITION AND PARALLEL INDICATING DEVICE FOR THE TOP OF BACKSWING**
[54] **INDICATEUR DE POSITION ET DE PARALLELISME APPLICABLE AU POINT SUPERIEUR DE LA PRISE D'ELAN DE GOLF**
[72] LIN, TEH-CHENG, US
[71] LIN, TEH-CHENG, US
[22] 2003-06-02
[41] 2004-12-02

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[21] **2,430,671**
[13] A1
[51] **Int.Cl. 7H04J 14/00 7H04B 10/20 7H04B 1/74**
[25] EN
[54] **APPARATUS AND METHOD FOR INCREASING OPTICAL DENSITY OF SONET MULTIPLEXER USING INTEGRAL COMPONENTS**
[54] **DISPOSITIF ET METHODE D'AUGMENTATION DE LA DENSITE OPTIQUE D'UN MULTIPLEXEUR SONET AU MOYEN DE COMPOSANTS INTEGRAUX**
[72] MILLER, GARY, US
[72] LIPSKI, BRUCE, US
[72] CORP, DAVID, US
[71] HUBBELL INCORPORATED, US
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,680**
[13] A1
[51] **Int.Cl. 7E06B 9/56**
[25] EN
[54] **DRUM FOR ROLLING DOOR ASSEMBLIES AND THE LIKE**
[54] **TAMBOUR POUR PORTES ROULANTES ET DISPOSITIFS SEMBLABLES**
[72] SYLVESTRE, OLIVIER, CA
[72] BEAUDOIN, RICHARD, CA
[71] CANIMEX INC., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,430,686**
[13] A1
[51] **Int.Cl. 7E03B 7/12 7E03D 5/00**
[25] EN
[54] **WATER FLUSHING SYSTEM**
[54] **SYSTEME DE RINCAGE**
[72] GOSLIN, DAVID L., US
[72] TAYLOR, THOMAS M., US
[71] GOSLIN, DAVID L., US
[71] TAYLOR, THOMAS M., US
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,721**
[13] A1
[51] **Int.Cl. 7E02D 31/02**
[25] EN
[54] **FOUNDATION PROTECTOR SYSTEM**
[54] **SYSTEME DE PROTECTION DE FONDATIONS**
[72] HUBERT, THEODORE G., CA
[71] HUBERT, THEODORE G., CA
[22] 2003-06-03
[41] 2004-12-03

[21] **2,430,722**
[13] A1
[51] **Int.Cl. 7F16B 1/00 7E04F 21/18 7E04B 1/38**
[25] EN
[54] **SUPPORT BRACKET TO SUSPEND SHEET MATERIAL FOR A WALL**
[54] **SUPPORT DE FIXATION SERVANT A SUSPENDRE UN MATERIAU EN PLAQUES A UN MUR**
[72] ROGER GANSKE, CA
[71] ROGER GANSKE, CA
[22] 2003-06-03
[41] 2004-12-03

[21] **2,430,724**
[13] A1
[51] **Int.Cl. 7E21B 34/12 7E21B 34/10**
[25] EN
[54] **ANNULUS ISOLATION VALVE**
[54] **VANNE D'ISOLEMENT ANNULAIRE**
[72] MAKAR, DENNIS, CA
[72] THOMPSON, GARY, CA
[71] A.I.V. CANADA LTD., CA
[22] 2003-06-03
[41] 2004-12-03

[21] **2,430,727**
[13] A1
[51] **Int.Cl. 7B64C 13/28 7B64C 19/00 7B64C 27/02 7B64C 27/32**
[25] EN
[54] **A METHOD OF CONTROLLING PITCH ON A GYROPLANE AND A GYROPLANE**
[54] **METHODE DE COMMANDE DE TANGAGE D'UN AUTOGIRE, ET AUTOGIRE**
[72] HASELOH, PETER G., CA
[72] HUNN, DUANE N., SR., US
[71] ROTARY AIR FORCE MANAGEMENT INC., CA
[22] 2003-06-03
[41] 2004-12-03

[21] **2,430,730**
[13] A1
[51] **Int.Cl. 7F16B 37/00**
[25] EN
[54] **FLOATING CAPTIVATED WRENCHABLE NUT**
[54] **ECROU FLOTTANT IMPERDABLE MANOEUVRABLE AU MOYEN D'UNE CLE**
[72] BENTRIM, BRIAN G., US
[71] PEM MANAGEMENT, INC., US
[22] 2003-06-02
[41] 2004-12-02

[21] **2,430,733**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **A METHOD AND SYSTEM FOR HOSTING ELECTRONIC STORES USING HOSTING CONTRACTS**
[54] **METHODE ET SYSTEME D'HEBERGEMENT DE MAGASINS ELECTRONIQUES AU MOYEN DE CONTRATS D'HEBERGEMENT**
[72] SHORTLIFFE, GLEN, CA
[72] MIRLAS, LEV, CA
[72] CHAN, VICTOR S., CA
[72] BORENSTEIN, HOWARD, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-06-02
[41] 2004-12-02

[21] **2,430,737**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00 7G01N 33/46 7G01N 21/84**
[25] EN
[54] **METHOD FOR ESTIMATING THE QUALITY OF WOOD CHIPS**
[54] **METHODE D'EVALUATION DE LA QUALITE DE COPEAUX DE BOIS**
[72] LEJEUNE, CLAUDE, CA
[72] BEDARD, PIERRE, CA
[72] DING, FENG, CA
[72] DOYON, BERNARD, CA
[72] BOUCHARD, MICHEL R., CA
[72] BENAOUDIA, MOKHTAR, CA
[72] GAGNE, PHILIPPE, CA
[72] LANOUETTE, ROBERT, CA
[71] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA
[22] 2003-06-02
[41] 2004-12-02

[21] **2,430,763**
[13] A1
[51] **Int.Cl. 7G06F 9/06 7G06F 9/45**
[25] EN
[54] **EFFICIENTLY RELEASING LOCKS WHEN AN EXCEPTION OCCURS**
[54] **DEBLOCAGE EFFICACE DE VERROUS ADVENANT UNE EXCEPTION**
[72] STOODLEY, MARK G., CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,768**
[13] A1
[51] **Int.Cl. 7G02C 1/02**
[25] EN
[54] **LENS MOUNTING ARRANGEMENT FOR EYEGLASSES, AND METHOD OF MOUNTING EYEGLASS LENS**
[54] **MONTURE DE LUNETTES, ET METHODE DE FIXATION**
[72] NISHIHARA, IWAO, JP
[71] TURA LP, US
[22] 2003-05-30
[41] 2004-11-30

[21] **2,430,789**
[13] A1
[51] **Int.Cl. 7A63B 65/08**
[25] EN
[54] **METHOD OF SETTING A BOOMERANG TOY IN MOTION**
[54] **METHODE DE LANCEMENT D'UN BOOMERANG**
[72] YURKOSKI, RIKKIE FRANCIS, CA
[71] YURKOSKI, RIKKIE FRANCIS, CA
[22] 2003-06-03
[41] 2004-12-03

[21] **2,430,801**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **A METHOD AND SYSTEM FOR PROVIDING PRODUCT CATALOG INFORMATION FOR ELECTRONIC STORES**
[54] **METHODE ET SYSTEME DE FOURNITURE DE RENSEIGNEMENTS DANS DES CATALOGUES DE PRODUITS POUR MAGASINS ELECTRONIQUES**
[72] CHAN, VICTOR S., CA
[72] BORENSTEIN, HOWARD, CA
[72] DUNN, ROBERT M.H., CA
[72] MIRLAS, LEV, CA
[72] WOO, TONY C.K., CA
[72] LAKHANI, AALIM, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-06-02
[41] 2004-12-02

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[21] **2,430,862**
[13] A1
[51] **Int.Cl. 7A61H 33/00 7A47K 3/00**
[25] EN
[54] **CONTROL PANEL AND CONTROL SYSTEM FOR A SPA**
[54] **PANNEAU ET SYSTEME DE COMMANDE DE CUVE THERMALE**
[72] LAFLAMME, BENOIT, CA
[72] BROCHU, CHRISTIAN, CA
[72] BIZOUARD, JEAN, CA
[71] 9090-3493 QUEBEC INC., CA
[22] 2003-06-03
[41] 2004-12-03

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[21] **2,430,910**
[13] A1
[51] **Int.Cl. 7G01N 33/52**
[25] EN
[54] **OPTICAL SENSORS BASED ON HYBRID APTAMER/CONJUGATED POLYMER COMPLEXES**
[54] **CAPTEURS OPTIQUES REPOSANT SUR DES COMPLEXES HYBRIDES DE POLYMERES CONJUGUES ET D'APTAMERES**
[72] HO, HOANG-ANH, CA
[72] BOISSINOT, MAURICE, CA
[72] LECLERC, MARIO, CA
[71] INFECTIO DIAGNOSTIC (I.D.I.) INC., CA
[22] 2003-06-03
[41] 2004-12-03

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[21] **2,431,031**
[13] A1
[51] **Int.Cl. 7H04J 14/00 7H04B 10/20**
[25] EN
[54] **APPARATUS AND METHOD FOR AUTOMATIC PROVISIONING OF SONET MULTIPLEXER**
[54] **DISPOSITIF ET METHODE D'APPROVISIONNEMENT AUTOMATIQUE DE MULTIPLEXEUR SONET**
[72] LIPSKI, BRUCE, US
[72] MILLER, GARY, US
[72] CORP, DAVID, US
[71] HUBBELL INCORPORATED, US
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,431,056**
[13] A1
[51] **Int.Cl. 7H02J 7/00 7H05K 7/20**
[25] EN
[54] **BATTERY CHARGER**
[54] **CHARGEUR DE BATTERIE**
[72] LIE, SEN NEN, HK
[71] KOLVIN INDUSTRIES LTD., HK
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,431,078**
[13] A1
[51] **Int.Cl. 7A41B 9/00**
[25] EN
[54] **JEWELED REMOVABLE PANTY "T" BACK COMBINATION**
[54] **T D'ACCROCHAGE ARRIERE AVEC PERLES POUR STRING**
[72] KRENZ, STEPHEN C., CA
[71] KRENZ, STEPHEN C., CA
[22] 2003-05-30
[41] 2004-11-30

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[21] **2,431,080**
[13] A1
[51] **Int.Cl. 7C12N 5/06 7A61K 45/00 7A61K 48/00 7A61P 35/00 7C12N 5/10 7A61K 33/16**
[25] EN
[54] **ENHANCEMENT OF ANTICANCER IMMUNITY THROUGH INHIBITION OF ARGINASE**
[54] **AMELIORATION DE L'IMMUNITE CONTRE LE CANCER PAR L'INTERMEDIAIRE DE L'INHIBITION DE L'ARGINASE**
[72] O'BRIEN, CATHERINE ADELE, CA
[71] O'BRIEN, CATHERINE ADELE, CA
[22] 2003-06-02
[41] 2004-12-02

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[21] **2,431,215**
[13] A1
[51] **Int.Cl. 7B65D 81/24 7B65D 90/02**
[25] EN
[54] **METHOD FOR INHIBITING ALGAE GROWTH IN WATER TANKS AND APPARATUS THEREFOR**
[54] **METHODE D'INHIBITION DE LA CROISSANCE DES ALGUES DANS DES RESERVOIRS D'EAU ET DISPOSITIF CONNEXE**
[72] EISNER, NEIL, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2003-06-04
[41] 2004-12-04

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[21] **2,431,247**
[13] A1
[51] **Int.Cl. 7E06B 7/08**
[25] EN
[54] **FRICTION BRAKE FOR LOUVERED STRUCTURES**
[54] **FREIN A FROTTEMENT POUR STRUCTURES A CLAIRE-VOIE**
[72] RICCI, FERNANDO, CA
[71] RICCI TOOLS INC., CA
[22] 2003-06-04
[41] 2004-12-04

[21] **2,431,738**
[13] A1
[51] **Int.Cl. 7B62D 25/02 7B62D 65/00**
[25] EN
[54] **CARGO BODY CONSTRUCTION**
[54] **CARROSSERIE-CARGO**
[72] FENTON, GARY L., US
[72] LIEBELT, JEFFREY W., US
[71] STOUGHTON TRAILERS, INC., US
[22] 2003-06-11
[41] 2004-11-30
[30] US (10/449,809) 2003-05-30

[21] **2,431,798**
[13] A1
[51] **Int.Cl. 7G21C 1/00 7G03H 1/00 7G21H 7/00 7G21J 1/00 7F21L 4/00**
[25] EN
[54] **UNIVERSE**
[54] **DISPOSITIF « UNIVERSE»**
[72] SMITH, ALEX, CA
[71] SMITH, ALEX, CA
[22] 2003-06-02
[41] 2004-12-02

[21] **2,432,124**
[13] A1
[51] **Int.Cl. 7F04B 47/04**
[25] EN
[54] **DOWNHOLE PUMP ASSEMBLY FOR PRODUCING GAS WELL**
[54] **POMPE DE FOND DE TROU POUR PUITS PRODUCTEUR DE GAZ**
[72] HOFFARTH, CLAYTON, CA
[71] HOFFARTH, CLAYTON, CA
[22] 2003-06-03
[41] 2004-12-03

[21] **2,432,249**
[13] A1
[51] **Int.Cl. 7B32B 33/00 7B32B 15/00 7B32B 3/12 7F01N 7/14 7F01N 7/16 7B32B 15/18**
[25] EN
[54] **ACOUSTICAL HEAT SHIELD**
[54] **PROTECTEUR THERMIQUE INSONORISE**
[72] MATIAS, CALIN, CA
[72] KIRKWOOD, JASON, US
[72] BOOGEMANS, MARK, CA
[71] DANA CORPORATION, US
[22] 2003-06-12
[41] 2004-12-02
[30] US (10/452,895) 2003-06-02

[21] **2,432,668**
[13] A1
[51] **Int.Cl. 7B65D 25/54 7B65D 25/04 7B65D 5/52**
[25] EN
[54] **DISPLAY ASSEMBLY**
[54] **PRESENTOIR**
[72] PIZZITOLA, FRANK, US
[72] TAYLOR, BARBARA M., US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2003-06-18
[41] 2004-11-30
[30] US (10/449,489) 2003-05-30

[21] **2,432,983**
[13] A1
[51] **Int.Cl. 7H04M 3/487**
[25] EN
[54] **TECHNIQUE FOR SELECTING SWITCHED CONNECTIONS FOR DISTRIBUTING CALLS THROUGH AN INFORMATION ASSISTANCE PROVIDER**
[54] **TECHNIQUE DE SELECTION DE CONNEXIONS COMMUTEES POUR LA REPARTITION DES APPELS AU MOYEN D'UN FOURNISSEUR D'AIDE A L'INFORMATION**
[72] CAMARILLO, DAVID W., US
[71] METRO ONE TELECOMMUNICATIONS, INC., US
[22] 2003-06-20
[41] 2004-11-28
[30] US (10/447,502) 2003-05-28

[21] **2,434,365**
[13] A1
[51] **Int.Cl. 7E04B 1/00**
[25] EN
[54] **METHOD FOR THE MANUFACTURE OF MANUFACTURED HOUSES**
[54] **METHODE DE PREFABRICATION DE MAISONS**
[72] KERR, PAUL, CA
[71] THE MATTAMY CORPORATION, CA
[22] 2003-06-30
[41] 2004-12-02
[30] CA (2,430,637) 2003-06-02

[21] **2,437,306**
[13] A1
[51] **Int.Cl. 7B60R 9/04**
[25] EN
[54] **ROOF RACK FOR RECREATIONAL VEHICLE**
[54] **GALERIE POUR VEHICULE DE PLAISANCE**
[72] SHEA, BRIAN J., US
[72] BRUNER, SCOTT A., US
[71] GULF STREAM COACH, INC., US
[22] 2003-08-14
[41] 2004-12-02
[30] US (10/452,365) 2003-06-02

[21] **2,440,075**
[13] A1
[51] **Int.Cl. 7H04M 3/50 7H04Q 7/36 7H04M 3/533 7H04L 12/54**
[25] EN
[54] **ADVANCED METHOD AND SYSTEM FOR HANDLING MISSED MOBILE CALLS**
[54] **METHODE ET SYSTEME PERFECTIONNES DE TRAITEMENT DES APPELS MOBILES MANQUES**
[72] SEIFERTH, FRANK, DE
[71] REDKNEE INC., CA
[22] 2003-09-05
[41] 2004-11-30
[30] US (10/448286) 2003-05-30

[21] **2,443,508**
[13] A1
[51] **Int.Cl. 7B60P 3/40 7E21B 15/00 7B62D 13/00 7B62D 63/06 7B60P 3/28**
[25] EN
[54] **DOLLY FOR A TRANSPORTABLE ADJUSTABLE WIDTH MAST**
[54] **CHARIOT POUR MAT TRANSPORTABLE A PROFONDEUR REGLABLE**
[72] BRITTAIN, JOHN, US
[72] VOGT, DEWAYNE, US
[72] WOOLSLAYER, JOSEPH R., US
[71] WOOLSLAYER COMPANIES, INC., US
[22] 2003-09-30
[41] 2004-12-02
[30] US (10/452,615) 2003-06-02

[21] **2,443,520**
[13] A1
[51] **Int.Cl. 7E05D 13/00 7E05F 5/00**
[25] EN
[54] **BLOCK AND TACKLE BALANCE ASSEMBLY WITH BRAKE SHOE**
[54] **PALAN AVEC SEGMENT DE FREIN**
[72] LUTFALLAH, ANTHONY G., US
[71] ASHLAND PRODUCTS, INC., US
[22] 2003-09-30
[41] 2004-11-30
[30] US (10/449,909) 2003-05-30

[21] **2,443,608**
[13] A1
[51] **Int.Cl. 7E21B 19/02 7B66D 1/36**
[25] EN
[54] **VARIABLE CONTROLLED GUIDE DEVICE FOR WIRELINE SPOOLER**
[54] **GUIDE A COMMANDE VARIABLE POUR TOURET DE CABLE METALLIQUE**
[72] VOGT, DEWAYNE, US
[72] BRITTAIN, JOHN, US
[71] WOOLSLAYER COMPANIES, INC., US
[22] 2003-09-30
[41] 2004-12-02
[30] US (10/452,627) 2003-06-02

[21] **2,444,083**
[13] A1
[51] **Int.Cl. 7A47K 3/30**
[25] EN
[54] **SELF-SUSTAINING BASE**
[54] **BASE DE DOUCHE AUTOSTABLE**
[72] STONECIPHER, CHRISTOPHER SCOTT, US
[71] PRAXIS INDUSTRIES, LLC., US
[22] 2003-10-07
[41] 2004-11-29
[30] US (10/447,901) 2003-05-29

[21] **2,445,849**
[13] A1
[51] **Int.Cl. 7H02G 15/10**
[25] EN
[54] **PIGTAILED SCOTCHCAST ASSEMBLY**
[54] **ENSEMBLE SCOTCHCAST A FIBRE AMORCE**
[72] ARCHULETA, DAVID, US
[71] ARCHULETA, DAVID, US
[22] 2003-10-21
[41] 2004-11-28
[30] US (10/446,443) 2003-05-28

[21] **2,446,169**
[13] A1
[51] **Int.Cl. 7E04G 13/00 7B28B 7/00**
[25] EN
[54] **EXTENSIONS FOR APERTURES IN PANELS**
[54] **RALLONGES POUR OUVERTURES DANS DES PANNEAUX**
[72] DODSON, GORDON, US
[72] TAKAGI, KYOZABURO, US
[71] FUKUVI USA, INC., US
[22] 2003-10-22
[41] 2004-12-04
[30] US (10/454,380) 2003-06-04

[21] **2,446,623**
[13] A1
[51] **Int.Cl. 7D06F 21/06**
[25] EN
[54] **CLOTHES WASHER WASH CYCLE METHOD AND APPARATUS**
[54] **METHODE DE CYCLE DE LAVAGE DES VETEMENTS ET LAVEUSE**
[72] SHAFFER, TIMOTHY SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-10-23
[41] 2004-11-30
[30] US (10/448,932) 2003-05-30

[21] **2,447,080**
[13] A1
[51] **Int.Cl. 7F02B 29/00 7F02F 7/00**
[25] EN
[54] **SCAVENGING INSERT FOR AN ENGINE**
[54] **PIECE DE BALAYAGE POUR MOTEUR A COMBUSTION**
[72] WATKINS, PAUL D., US
[72] WARFEL, PAUL A., US
[72] ERICSON, SCOTT W., US
[71] ELECTROLUX HOME PRODUCTS, INC., US
[22] 2003-10-28
[41] 2004-11-30
[30] US (10/449,152) 2003-05-30

[21] **2,447,163**
[13] A1
[51] **Int.Cl. 7G06F 11/36 7G06F 3/14**
[25] EN
[54] **A VISUAL DEBUGGING INTERFACE**
[54] **INTERFACE DE DEVERMINAGE VISUELLE**
[72] DROUIN, SYLVIO, CA
[72] BRAEEN, BRUNO, CA
[72] BROWN, HANS-FREDERICK, CA
[71] MAZ LABORATORY, CA
[22] 2003-10-28
[41] 2004-11-30
[30] US (60/474,234) 2003-05-30

[21] **2,448,359**
[13] A1
[51] **Int.Cl. 7A47L 9/16 7A47L 9/00**
[25] EN
[54] **CYCLONE DUST-COLLECTING APPARATUS OF VACUUM CLEANER**
[54] **DEPOUSSIEREUR A CYCLONE D'ASPIRATEUR**
[72] LIM, JONG-KOOK, KR
[72] CHOI, KEON-SOO, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-11-03
[41] 2004-12-02
[30] KR (2003-35210) 2003-06-02

[21] **2,452,145**
[13] A1
[51] **Int.Cl. 7D21C 3/00 7D21C 5/00 7D21H 11/00 7D21C 3/16 7D21C 9/18**
[25] EN
[54] **METHOD FOR PRODUCING PULP AND LIGNIN**
[54] **METHODE DE PRODUCTION DE PATE ET DE LIGNINE**
[72] TARASENKO, DAVID, CA
[71] TARASENKO, DAVID, CA
[22] 2003-12-05
[41] 2004-12-03
[30] US (60/474961) 2003-06-03
[30] US (60/508308) 2003-10-06

[21] **2,454,476**
[13] A1
[51] **Int.Cl. 7A61C 1/05**
[25] EN
[54] **DENTAL TURBINE SUPPORT STRUCTURE**
[54] **STRUCTURE DE SOUTIEN POUR TURBINE D'INSTRUMENTS DENTAIRES**
[72] BOWEN, STANLEY A., US
[71] DENTALEZ, INC., US
[22] 2003-12-24
[41] 2004-12-02
[30] US (10/453,301) 2003-06-02

[21] **2,454,710**
[13] A1
[51] **Int.Cl. 7H01M 2/08 7H01M 8/10 7H01M 8/24**
[25] EN
[54] **A STRUCTURALLY YIELDABLE FULL CELL SEAL**
[54] **JOINT D'ETANCHEITE A STRUCTURE ELASTIQUE POUR PILE A COMBUSTIBLE**
[72] CHAMPION, DAVID, US
[72] FIELD, MARSHALL, US
[72] BEATTY, CHRISTOPHER, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[22] 2003-12-31
[41] 2004-12-03
[30] US (10/454,100) 2003-06-03

[21] **2,455,150**
[13] A1
[51] **Int.Cl. 7B65D 25/40**
[25] EN
[54] **SELF-VENTING SPOUT**
[54] **EVENT AUTOVENTILE**
[72] FORBIS, CHARLIE L., US
[72] NIELSEN, ROGER, US
[72] CHRISCO, LARRY L., US
[71] BLITZ U.S.A., INC., US
[22] 2004-01-14
[41] 2004-12-02
[30] US (10/250,077) 2003-06-02

[21] **2,456,344**
[13] A1
[51] **Int.Cl. 7F04B 53/10 7F04B 43/09**
[25] EN
[54] **A RECIPROCATING ELECTROMAGNETIC MICRO-PUMP, PARTICULARLY FOR SMALL ELECTRICAL APPLIANCES**
[54] **MICROPOMPE ELECTROMAGNETIQUE ALTERNATIVE DESTINEE PARTICULIEREMENT A DES PETITS APPAREILS ELECTRIQUES**
[72] BUZZI, BRUNO, IT
[71] BUZZI S.R.L., IT
[22] 2004-01-28
[41] 2004-11-30
[30] IT (TO2003A000400) 2003-05-30

[21] **2,456,591**
[13] A1
[51] **Int.Cl. 7F16L 41/04**
[25] EN
[54] **SELF-FASTENING SEWER TAP**
[54] **RACCORD DE BRANCHEMENT D'EGOUT A AUTO-FIXATION**
[72] CHARRETTE, JOSEPH-PAUL, CA
[72] GOYETTE, JEAN CLAUDE, CA
[72] VERONNEAU, GERMAIN, CA
[71] PLASTIQUES GYF LTEE, CA
[22] 2004-02-02
[41] 2004-12-04
[30] US (60/475,482) 2003-06-04

[21] **2,456,661**
[13] A1
[51] **Int.Cl. 7E05D 7/00**
[25] EN
[54] **HINGE**
[54] **CHARNIERE**
[72] ANSCHER, JOSEPH, US
[71] ANSCHER, JOSEPH, US
[22] 2004-02-03
[41] 2004-12-04
[30] US (10/453,949) 2003-06-04

[21] **2,456,751**
[13] A1
[51] **Int.Cl. 7D21F 7/00**
[25] EN
[54] **SUPPORTING AND WIPING DEVICE FOR MACHINE WIRE SYSTEMS**
[54] **DISPOSITIF DE SUPPORT ET D'ESSUYAGE POUR SYSTEMES DE TOILE DE MACHINE**
[72] BARTELMUSS, KLAUS, AT
[72] BARTELMUSS, HEINZ, AT
[71] BARTELMUSS, KLAUS, AT
[71] BARTELMUSS, HEINZ, AT
[22] 2004-02-02
[41] 2004-11-28
[30] AT (A 827/2003) 2003-05-28

[21] **2,456,805**
[13] A1
[51] **Int.Cl. 7E05D 7/00 7F16L 3/10**
[25] EN
[54] **HINGE**
[54] **CHARNIERE**
[72] ANSCHER, JOSEPH, US
[71] ANSCHER, JOSEPH, US
[22] 2004-02-03
[41] 2004-12-04
[30] US (10/453,949) 2003-06-04
[30] US (10/649,921) 2003-08-27

[21] **2,457,320**
[13] A1
[51] **Int.Cl. 7A61F 2/16 7A61F 9/007**
[25] EN
[54] **LENS DELIVERY SYSTEM**
[54] **SYSTEME DE RETENTION DE VERRES**
[72] BROWN, KYLE, US
[72] DOWNER, DAVID A., US
[72] HEYMAN, THOMAS M., US
[71] ALCON, INC., CH
[22] 2004-02-11
[41] 2004-11-28
[30] US (10/446,761) 2003-05-28

[21] **2,457,331**
[13] A1
[51] **Int.Cl. 7H04L 25/02 7H04L 25/08**
[25] EN
[54] **DATA RECEPTION METHOD, APPARATUS USING SAME, AND DATA TRANSMISSION SYSTEM**
[54] **METHODE DE RECEPTION DE DONNEES, APPAREIL UTILISANT CETTE METHODE ET SYSTEME DE TRANSMISSION DE DONNEES**
[72] UMEI, TOSHITOMO, JP
[72] KATTA, NOBORU, JP
[72] KAWADA, HIROTSUGU, JP
[72] SAKAI, TAKAHISA, JP
[72] MIZUGUCHI, YUJI, JP
[72] AKITA, TAKASHI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2004-02-10
[41] 2004-12-02
[30] JP (2003-156681) 2003-06-02
[30] JP (2003-373518) 2003-10-31

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[21] **2,459,646**
[13] A1
[51] **Int.Cl. 7E21B 37/00 7E21B 27/00**
[25] EN
[54] **DOWN HOLE WELL CLEANING APPARATUS**
[54] **DISPOSITIF DE NETTOYAGE DE FOND DE TROU DE PUITS**
[72] SEBREE, MORLEY, CA
[71] SEBREE, MORLEY, CA
[22] 2004-03-04
[41] 2004-11-30
[30] US (10/250,042) 2003-05-30

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[21] **2,459,826**
[13] A1
[51] **Int.Cl. 7C07F 15/00 7B01J 23/46**
[25] EN
[54] **RUTHENIUM CATALYSTS, AND USES THEREOF**
[54] **CATALYSEURS A BASE DE RUTHENIUM ET UTILISATIONS CONNEXES**
[72] CONRAD, JAY CHRISTOPHER, CA
[72] FOGG, DERYN ELIZABETH, CA
[71] UNIVERSITY OF OTTAWA, CA
[22] 2004-03-05
[41] 2004-11-29
[30] US (60/473,885) 2003-05-29
[30] US (60/490,534) 2003-07-29

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[21] **2,460,101**
[13] A1
[51] **Int.Cl. 7E04G 5/00 7E06C 7/14**
[25] EN
[54] **APPARATUS WITH UTILITY TRAY MOUNTED TO SCAFFOLD**
[54] **DISPOSITIF A PLATEAU MONTE SUR ECHAFAUDAGE**
[72] GIBSON, WILLIAM R., US
[72] LARRISON, JERRY, US
[71] COSCO MANAGEMENT, INC., US
[22] 2004-03-03
[41] 2004-11-28
[30] US (60/473,840) 2003-05-28
[30] US (10/636,390) 2003-08-07

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[13] A1
[51] **Int.Cl. 7F23R 3/42**
[25] EN
[54] **MULTIPORT DOME BAFFLE**
[54] **DEFLECTEUR EN DOME A ORIFICES MULTIPLES**
[72] BARNES, BARRY FRANCIS, US
[72] KWAN, THET DON, US
[72] HOWELL, STEPHEN JOHN, US
[72] JACOBSON, JOHN CARL, US
[72] MCCAFFREY, TIMOTHY PATRICK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-03-11
[41] 2004-11-29
[30] US (10/447,885) 2003-05-29

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[21] **2,461,792**
[13] A1
[51] **Int.Cl. 7F16J 15/02 7A47K 3/00**
[25] EN
[54] **WATER-PROOF SEAL FOR A TOWEL BAR WHICH PENETRATES A TUB SURROUND PORTION**
[54] **JOINT ETANCHE POUR PORTE-SERVIETTES TRAVERSANT UNE ENCEINTE DE BAIGNOIRE**
[72] SACCOMANNO, MEL, US
[72] PINKSTON, DAVID LESTER, US
[71] AQUA GLASS CORPORATION, US
[22] 2004-03-25
[41] 2004-12-03
[30] US (10/453,209) 2003-06-03

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[21] **2,462,294**
[13] A1
[51] **Int.Cl. 7H01M 2/14 7H01M 2/16**
[25] EN
[54] **BATTERY SEPARATOR FOR LITHIUM POLYMER BATTERY**
[54] **SEPARATEUR A BASE DE POLYMERE POUR PILE AU LITHIUM**
[72] CHAMBERS, KEVIN D., US
[72] WENSLEY, C. GLEN, US
[71] CELGARD, INC., US
[22] 2004-03-29
[41] 2004-11-28
[30] US (10/446,380) 2003-05-28

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[21] **2,462,317**
[13] A1
[51] **Int.Cl. 7B65D 41/28**
[25] EN
[54] **HINGED DISPENSING CLOSURE WITH CHILD-RESISTANT INTERLOCK**
[54] **FERMETURE DE DISTRIBUTION A CHARNIERE A VERROUILLAGE A L'EPREUVE DES ENFANTS**
[72] HIERZER, VALENTIN, US
[72] ZIEGENHORN, DAVID, US
[71] CROWN PACKAGING TECHNOLOGY, INC., US
[22] 2004-03-29
[41] 2004-12-02
[30] US (10/452,452) 2003-06-02

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[21] **2,462,754**
[13] A1
[51] **Int.Cl. 7E21B 10/22**
[25] EN
[54] **SELF-LUBRICATING ELASTOMERIC SEAL WITH POLARIZED GRAPHITE**
[54] **JOINT ELASTOMERE AUTOLUBRIFIANT A GRAPHITE POLARISE**
[72] DENTON, ROBERT, US
[71] SMITH INTERNATIONAL, INC., US
[22] 2004-04-01
[41] 2004-11-28
[30] US (10/446,410) 2003-05-28

[21] **2,463,207**
[13] A1
[51] **Int.Cl. 7E05B 65/52 7B65F 1/14**
[25] EN
[54] **ADJUSTABLE LOCKING MECHANISM FOR CONTAINER**
[54] **MECANISME DE VERROUILLAGE REGLABLE POUR CONTENANT**
[72] HOWES, DONALD E., CA
[71] WASTELINE RENTALS LTD., CA
[22] 2004-04-02
[41] 2004-11-30
[30] CA (2,430,573) 2003-05-30
[30] US (10/449,985) 2003-05-30

[21] **2,463,219**
[13] A1
[51] **Int.Cl. 7E21B 10/46**
[25] EN
[54] **CUTTING ELEMENTS WITH IMPROVED CUTTING ELEMENT INTERFACE DESIGN AND BITS INCORPORATING THE SAME**
[54] **ELEMENTS DE COUPE A INTERFACE AMELIOREE ET OUTILS INCORPORANT CES ELEMENTS**
[72] EYRE, RONALD K., US
[71] SMITH INTERNATIONAL, INC., US
[22] 2004-04-05
[41] 2004-12-03
[30] US (10/453,399) 2003-06-03

[21] **2,463,837**
[13] A1
[51] **Int.Cl. 7B64D 43/00 7B64D 11/00 7B64D 47/00 7G06F 19/00**
[25] EN
[54] **AIRCRAFT CABIN EQUIPMENT CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'EQUIPEMENT DE CABINE D'AERONEF**
[72] WALLE, GERARDO, DE
[72] PETERSEN, BENNO, DE
[71] DIEHL AVIONIK SYSTEME GMBH, DE
[22] 2004-04-07
[41] 2004-12-03
[30] DE (103 25 258.4) 2003-06-03

[21] **2,464,636**
[13] A1
[51] **Int.Cl. 7G01P 3/60**
[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING THE MUZZLE VELOCITY OF A PROJECTILE**
[54] **DISPOSITIF ET METHODE DE DETERMINATION DE LA VITESSE INITIALE D'UN PROJECTILE**
[72] MUENZEL, KLAUS, CH
[72] ALBERTI, ALDO, CH
[71] OERLIKON CONTRAVES AG, CH
[22] 2004-04-16
[41] 2004-11-28
[30] CH (2003 0961/03) 2003-05-28

[21] **2,464,640**
[13] A1
[51] **Int.Cl. 7A47J 43/28**
[25] EN
[54] **MULTI-PURPOSE TONGS**
[54] **PINCES POLYVALENTES**
[72] CLAYPOOL, CHRISTOPHER J., US
[72] LUGO, HECTOR JAVIER BAREA, US
[72] SUMTER, JOHN E., US
[71] DART INDUSTRIES INC., US
[22] 2004-04-16
[41] 2004-11-29
[30] US (10/447,577) 2003-05-29

[21] **2,464,822**
[13] A1
[51] **Int.Cl. 7B60J 1/02 7B64C 1/14**
[25] EN
[54] **VEHICLE WINDSHIELD**
[54] **PARE-BRISE DE VEHICULE**
[72] SEWELL, TERRY A., US
[72] WOOD, JEFFREY H., US
[71] THE BOEING COMPANY, US
[22] 2004-04-19
[41] 2004-11-30
[30] US (10/452,663) 2003-05-30

[21] **2,464,851**
[13] A1
[51] **Int.Cl. 7B25B 11/00 7F16B 7/04 7F16B 2/06 7F16L 3/08**
[25] EN
[54] **MOUNTING MEMBER WITH SNAP IN SWIVEL MEMBER**
[54] **ELEMENT DE MONTAGE COMPORTANT UN ELEMENT PIVOTANT ENCLIQUETABLE**
[72] ATTEE, KEITH S., US
[71] DELAWARE CAPITAL FORMATION INC., US
[22] 2004-04-22
[41] 2004-12-03
[30] US (10/453,741) 2003-06-03

[21] **2,464,858**
[13] A1
[51] **Int.Cl. 7B32B 1/08 7F16L 11/04 7C08F 14/18**
[25] EN
[54] **HOSE CONSTRUCTION CONTAINING FLUOROELASTOMER COMPOSITION AND FLUOROPLASTIC BARRIER**
[54] **TUYAU SOUPLE CONTENANT UN COMPOSE ELASTOMERE FLUORE ET UNE COUCHE BARRIERE EN MATIERE PLASTIQUE FLUOREE**
[72] DIMASCIO, RAMON JOSEPH, US
[72] PILKINGTON, MERVIN VICTOR, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2004-04-22
[41] 2004-12-04
[30] US (10/454,171) 2003-06-04

[21] **2,464,862**
[13] A1
[51] **Int.Cl. 7A01C 7/00 7A01C 7/08 7A01C 7/18**
[25] EN
[54] **VARIABLE RATE METER DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT DE MESURE A DEBIT VARIABLE**
[72] MAYERLE, DEAN, CA
[72] BURNS, DUSTIN G., CA
[71] CNH CANADA LTD., US
[22] 2004-04-22
[41] 2004-12-03
[30] US (10/453,334) 2003-06-03

[21] **2,464,903**
[13] A1
[51] **Int.Cl. 7B23K 9/10 7B23K 9/133 7B23K 9/24**
[25] EN
[54] **WIRE FEEDER OPERABLE WITH LOWER MINIMUM INPUT VOLTAGE REQUIREMENT**
[54] **TETE DE SOUDAGE NECESSITANT UNE MOINS GRANDE TENSION D'ENTREE MINIMALE**
[72] OTT, BRIAN L., US
[72] BATZLER, TODD G., US
[72] IHDE, JEFFREY R., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-04-20
[41] 2004-12-04
[30] US (10/250,118) 2003-06-04

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[21] **2,464,993**
[13] A1
[51] **Int.Cl. 7G05D 11/02 7B01F 5/20**
[25] EN
[54] **APPARATUS FOR REGULATING THE GAS/AIR RATIO FOR A PRE-MIXING COMBUSTION DEVICE**
[54] **MECANISME DE REGLAGE DE LA PROPORTION AIR/ESSENCE D'UN DISPOSITIF DE COMBUSTION PAR PREMELANGE**
[72] STROEHLE, WERNER, AT
[71] HOVALWERK AG, LI
[22] 2004-04-16
[41] 2004-11-30
[30] DE (103 24 706.8) 2003-05-30

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[21] **2,464,998**
[13] A1
[51] **Int.Cl. 7G06T 1/00 7G06K 15/02 7G06F 3/12 7G06T 1/20**
[25] EN
[54] **METHOD FOR GENERATING DIGITAL IMAGING DATA, AND RASTER IMAGE PROCESSOR**
[54] **METHODE DE PRODUCTION DE DONNEES D'IMAGERIE NUMERIQUE ET PROCESSEUR D'IMAGES TRAMEES**
[72] HOES, THORSTEN, DE
[72] KAISER, MICHAEL, DE
[71] HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT, DE
[22] 2004-04-19
[41] 2004-11-28
[30] DE (103 24 211.2) 2003-05-28

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[13] A1
[51] **Int.Cl. 7G06K 19/00 7G06K 19/07 7G06K 19/077**
[25] EN
[54] **ELECTRONIC CARD**
[54] **CARTE ELECTRONIQUE**
[72] BHATT, ASHWINKUMAR, US
[72] FULLER, JAMES W., JR., US
[72] MCNAMARA, JAMES J., JR., US
[72] WIKE, WILLIAM, US
[71] ENDICOTT INTERCONNECT TECHNOLOGIES, INC., US
[22] 2004-04-23
[41] 2004-12-02
[30] US (10/449,019) 2003-06-02

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[21] **2,465,426**
[13] A1
[51] **Int.Cl. 7B23B 5/16**
[25] EN
[54] **LOW PROFILE IN-LINE BEVELER**
[54] **BISEAUTEUR SURBAISSE EN LIGNE**
[72] WARING, THOMAS, CA
[71] BABCOCK & WILCOX CANADA LTD., CA
[22] 2004-04-26
[41] 2004-11-29
[30] US (10/447,748) 2003-05-29

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[21] **2,465,457**
[13] A1
[51] **Int.Cl. 7F16L 19/03 7F16L 37/10**
[25] EN
[54] **HIGH PRESSURE QUICK CONNECT COUPLING AND SEAL**
[54] **RACCORD ET JOINT RAPIDES HAUTE PRESSION**
[72] COOKE, CHARLES M., JR., US
[71] COOKE, CHARLES M., JR., US
[22] 2004-04-27
[41] 2004-12-02
[30] US (10/452,268) 2003-06-02

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[21] **2,465,568**
[13] A1
[51] **Int.Cl. 7F25D 21/08 7H05B 1/00 7F25D 11/02 7F25C 5/08**
[25] EN
[54] **METHODS AND APPARATUS FOR CONTROLLING HEATING WITHIN REFRIGERATORS**
[54] **METHODES ET DISPOSITIFS DE COMMANDE DE CHAUFFAGE DANS DES REFRIGERATEURS**
[72] DEVOS, RICHARD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-04-29
[41] 2004-12-02
[30] US (10/452,463) 2003-06-02

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[13] A1
[51] **Int.Cl. 7A01C 23/00**
[25] EN
[54] **AUTOMATIC LIQUID FERTILIZER RATE SYSTEM**
[54] **SYSTEME DE DOSAGE AUTOMATIQUE D'ENGRAIS LIQUIDE**
[72] NELSON, MARVIN L., US
[72] HOWE, BRIAN D., US
[72] BETTIN, LEONARD A., US
[71] CASE, LLC, US
[22] 2004-04-29
[41] 2004-12-03
[30] US (10/453,338) 2003-06-03

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[13] A1
[51] **Int.Cl. 7B41F 1/02 7B30B 7/02**
[25] EN
[54] **TRANSFER HEAT PRESS**
[54] **PRESSE A TRANSFERT DE CHALEUR**
[72] EPPINGER, OTTO RICHARD, AU
[71] REEFDALE PTY LTD, AU
[22] 2004-04-30
[41] 2004-12-03
[30] AU (2003902747) 2003-06-03
[30] AU (2003906205) 2003-11-12

[21] **2,465,931**
[13] A1
[51] **Int.Cl. 7H01R 13/648 7H01B 17/26 7A61N 1/36 7A61N 1/375 7A61N 1/39**
[25] EN
[54] **MULTIPIN FEEDTHROUGH CONTAINING A GROUND PIN PASSING THROUGH AN INSULATOR AND DIRECTLY BRAZED TO A FERRULE**
[54] **CONNEXION D'INTERFACE MULTIBROCHE COMPORTANT UN CONTACT A LA MASSE TRAVERSANT UN DIELECTRIQUE ET BRASE DIRECTEMENT A UNE FERRULE**
[72] ALLEN, KEVIN M., US
[72] SHIPMAN, THOMAS W., US
[72] FRYSZ, CHRISTINE, US
[71] GREATBATCH-HITTMAN, INC., US
[22] 2004-04-30
[41] 2004-12-02
[30] US (10/452,704) 2003-06-02

[21] **2,465,944**
[13] A1
[51] **Int.Cl. 7B60N 2/46 7B66F 9/075**
[25] EN
[54] **ERGONOMIC OPERATOR COMPARTMENT FOR OPERATORS OF DIFFERING HEIGHTS**
[54] **POSTE DE COMMANDE ERGONOMIQUE POUR OPERATEURS DE TAILLES DIVERSES**
[72] RYAN H., SCOTT, US
[72] WERNER, KURT R., US
[72] SMILEY, GREGORY W., US
[71] THE RAYMOND CORPORATION, US
[22] 2004-04-30
[41] 2004-12-03
[30] US (10/453,170) 2003-06-03

[21] **2,466,076**
[13] A1
[51] **Int.Cl. 7C09D 183/04 7C09D 163/00 7C08G 77/04 7C08F 2/22 7C08F 2/24 7C08F 2/38**
[25] EN
[54] **AQUEOUS COPOLYMER DISPERSIONS, PROCESS FOR PREPARING THEM, AND COMPOSITIONS COMPRISING THEM FOR COATINGS**
[54] **DISPERSIONS AQUEUSES DE COPOLYMERES, METHODE DE PRODUCTION CONNEXE ET MATIERES DE REVETEMENT CONTENANT CES DISPERSIONS**
[72] MEINERS, CHRISTIAN, DE
[71] CELANESE EMULSIONS GMBH, DE
[22] 2004-05-03
[41] 2004-11-28
[30] DE (10324230.9) 2003-05-28

[21] **2,466,403**
[13] A1
[51] **Int.Cl. 7H04M 3/487 7G06F 17/30**
[25] EN
[54] **TECHNIQUE FOR SELECTIVE PRESENTATION OF INFORMATION IN RESPONSE TO A REQUEST FOR INFORMATION ASSISTANCE SERVICE**
[54] **TECHNIQUE DE PRESENTATION SELECTIVE DE RENSEIGNEMENTS EN REPONSE A UNE DEMANDE DE RENSEIGNEMENTS SOUMISE A UN SERVICE D'ASSISTANCE**
[72] RICHARTZ, JOHN D., US
[72] MILLER, JOHN S., US
[71] METRO ONE TELECOMMUNICATIONS, INC., US
[22] 2004-05-05
[41] 2004-11-28
[30] US (10/447,501) 2003-05-28

[21] **2,466,430**
[13] A1
[51] **Int.Cl. 7C07K 11/02 7C07K 1/00 7C07K 1/06 7C07K 7/06 7C07K 7/50**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF CYCLIC PEPTIDES**
[54] **METHODE DE PREPARATION DE PEPTIDES CYCLIQUES**
[72] TAYLOR, STEPHEN M., AU
[72] WILLIAMS, HUA MING, AU
[72] REID, ROBERT C., AU
[72] FAIRLIE, DAVID P., AU
[72] ABBENANTE, GIOVANNI, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[22] 2004-05-05
[41] 2004-12-02
[30] AU (2003902743) 2003-06-02

[21] **2,466,604**
[13] A1
[51] **Int.Cl. 7H04M 3/487**
[25] EN
[54] **TECHNIQUE FOR ASSISTING A USER WITH INFORMATION AND CUSTOMER SERVICES AT A CALL CENTER**
[54] **TECHNIQUE PERMETTANT DE FOURNIR DES RENSEIGNEMENTS A UN UTILISATEUR ET SERVICES A LA CLIENTELE A UN CENTRE D'APPELS**
[72] SWICK, CORVIN F., US
[71] METRO ONE TELECOMMUNICATIONS, INC., US
[22] 2004-05-06
[41] 2004-11-30
[30] US (10/449,963) 2003-05-30

[21] **2,466,606**
[13] A1
[51] **Int.Cl. 7E21B 17/01**
[25] EN
[54] **RISER PIPE GAS SEPARATOR FOR WELL PUMP**
[54] **SEPARATEUR DE GAZ DE COLONNE MONTANTE POUR POMPE DE PUITS**
[72] FOX, MICHAEL J., US
[72] WILSON, BROWN L., US
[72] BROWN, DONN J., US
[72] MURRAY, RICK G., CA
[71] BAKER HUGHES INCORPORATED, US
[22] 2004-05-06
[41] 2004-11-28
[30] US (10/447,122) 2003-05-28

[21] **2,466,613**
[13] A1
[51] **Int.Cl. 7F01L 13/08**
[25] EN
[54] **DECOMPRESSION DEVICE FOR INTERNAL COMBUSTION ENGINE**
[54] **DECOMPRESSEUR POUR MOTEUR A COMBUSTION INTERNE**
[72] TSUTSUMI, KOICHI, JP
[72] TAKAMATSU, HIDETOSHI, JP
[72] KOBAYASHI, ITOKO, JP
[72] ABE, RYUICHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-05-06
[41] 2004-12-04
[30] JP (2003-158861) 2003-06-04

[21] **2,466,759**
[13] A1
[51] **Int.Cl. 7F02C 7/22 7F01D 25/00 7F02K 1/00 7F23R 3/28**
[25] EN
[54] **FUEL NOZZLE SHEATH RETENTION RING**
[54] **ANNEAU DE RETENUE DE GAINE D'INJECTEUR DE CARBURANT**
[72] BROWN, ISABELLE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2004-05-10
[41] 2004-11-29
[30] US (10/446,870) 2003-05-29

[21] **2,466,775**
[13] A1
[51] **Int.Cl. 7F16L 59/14 7F16L 5/00**
[25] EN
[54] **DUCT INSULATION HAVING CONDENSATE WICKING**
[54] **ISOLANT DE GAINE AVEC MECHE A CONDENSAT**
[72] CRIM, CHARLES W., US
[71] OWENS CORNING, US
[22] 2004-05-11
[41] 2004-11-30
[30] US (10/448,757) 2003-05-30

[21] **2,466,776**
[13] A1
[51] **Int.Cl. 7B32B 1/02 7B32B 17/04 7B32B 27/28**
[25] EN
[54] **COMBINED LIQUID FOAM STOP AND INSULATOR FOR A TANK ASSEMBLY**
[54] **ISOLANT ET ARRET DE MOUSSE LIQUIDE COMBINES POUR RESERVOIR**
[72] SMITH, BONNIE C., US
[72] ROSS, STEVE D., US
[71] OWENS CORNING, US
[22] 2004-05-11
[41] 2004-12-03
[30] US (10/453,730) 2003-06-03

[21] **2,466,787**
[13] A1
[51] **Int.Cl. 7B23K 9/10 7B23K 13/08 7B23K 9/20**
[25] EN
[54] **STUD WELDER**
[54] **SOUDEUSE DE GOUJONS**
[72] ULRICH, MARK, US
[72] MATUS, TIM ALAN, US
[72] MORAN, SEAN PATRICK, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-05-11
[41] 2004-12-04
[30] US (10/250,108) 2003-06-04

[21] **2,466,794**
[13] A1
[51] **Int.Cl. 7F01D 5/16**
[25] EN
[54] **TURBINE BLADE TIP DIMPLE**
[54] **EMBREVEMENT D'EXTREMITE D'AUBE DE TURBINE**
[72] BLAIS, DANY, CA
[72] ROY, FRANCOIS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2004-05-10
[41] 2004-11-29
[30] US (10/446,726) 2003-05-29

[21] **2,466,825**
[13] A1
[51] **Int.Cl. 7B65D 47/28**
[25] EN
[54] **QUICK FASTENER**
[54] **ATTACHE RAPIDE**
[72] POPP, FRANZ, DE
[72] HEFELE, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2004-05-10
[41] 2004-11-30
[30] DE (10324675.4-12) 2003-05-30

[21] **2,466,830**
[13] A1
[51] **Int.Cl. 7B60K 13/02 7F02M 35/14 7F02M 35/16**
[25] EN
[54] **AIR INTAKE SYSTEM ADN FORKLIFT EQUIPPED WITH IT**
[54] **SYSTEME D'ARRIVEE D'AIR ET CHARIOT ELEVATEUR A FOURCHE AINSI EQUIPE**
[72] KAMATA, TORU, JP
[72] ABE, MASAFUMI, JP
[72] ISHIGAMI, AKIHIRO, JP
[72] KATAGIRI, HIROTO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] NISSAN MOTOR CO., LTD., JP
[22] 2004-05-11
[41] 2004-11-30
[30] JP (2003-154599) 2003-05-30

[21] **2,466,846**
[13] A1
[51] **Int.Cl. 7G01V 15/00 7G08B 13/22**
[25] EN
[54] **RELEASE TECHNIQUES FOR A SECURITY TAG**
[54] **TECHNIQUES DE DEGAGEMENT D'ETIQUETTE DE SECURITE**
[72] HOGAN, DENNIS L., US
[72] CHAMBERLAIN, JOHN, US
[72] VALADE, FRANKLIN H., JR., US
[72] NGUYEN, THANG, US
[71] SENSORMATIC ELECTRONICS CORPORATION, US
[22] 2004-05-11
[41] 2004-11-30
[30] US (10/448,992) 2003-05-30

[21] **2,466,888**
[13] A1
[51] **Int.Cl. 7A47G 19/03 7B65D 3/00 7A47G 23/00 7A47G 19/22 7B65D 81/38**
[25] EN
[54] **PLEATED DISPOSABLE PAPER CUP**
[54] **GOBELET EN PAPIER ACCORDEON JETABLE**
[72] MARTIN, CONRAD D., CA
[71] MARTIN, CONRAD D., CA
[22] 2004-05-18
[41] 2004-11-29
[30] US (60/473,704) 2003-05-29

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[21] **2,467,124**
[13] A1
[51] **Int.Cl. 7G01B 11/28**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING FLOW OPENING AREA**
[54] **METHODE ET DISPOSITIF DE MESURE D'ORIFICE D'ECOULEMENT**
[72] HARDING, KEVIN GEORGE, US
[72] LITTLE, FRANCIS HOWARD, US
[72] ROSS, JOSEPH BENJAMIN, US
[72] REVERMAN, JEFFERY JOHN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-05-13
[41] 2004-11-28
[30] US (10/446,295) 2003-05-28

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[21] **2,467,127**
[13] A1
[51] **Int.Cl. 7F16L 3/127**
[25] EN
[54] **HANGER FOR FIRE SPRINKLER PIPE**
[54] **COLLIER DE SUSPENSION DE TUYAUX POUR EXTINCTEURS AUTOMATIQUES**
[72] HEATH, RICHARD, US
[71] NIBCO, INC., US
[22] 2004-05-13
[41] 2004-11-28
[30] US (10/446,292) 2003-05-28

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[13] A1
[51] **Int.Cl. 7G06F 3/00 7G06F 3/16 7G10L 15/22**
[25] EN
[54] **SEMANTIC OBJECT SYNCHRONOUS UNDERSTANDING FOR HIGHLY INTERACTIVE INTERFACE**
[54] **COMPREHENSION SYNCHRONE D'OBJETS SEMANTIQUES POUR INTERFACE HAUTEMENT INTERACTIVE**
[72] WANG, KUANSAN, US
[71] MICROSOFT CORPORATION, US
[22] 2004-05-13
[41] 2004-11-29
[30] US (10/447,399) 2003-05-29

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[21] **2,467,220**
[13] A1
[51] **Int.Cl. 7G10L 15/22 7G06F 3/16**
[25] EN
[54] **SEMANTIC OBJECT SYNCHRONOUS UNDERSTANDING IMPLEMENTED WITH SPEECH APPLICATION LANGUAGE TAGS**
[54] **COMPREHENSION SYNCHRONE D'OBJETS SEMANTIQUES MISE EN OEUVRE AVEC DES ETIQUETTES DE LANGAGE D'APPLICATION VOCALE**
[72] WANG, KUANSAN, US
[71] MICROSOFT CORPORATION, US
[22] 2004-05-13
[41] 2004-11-29
[30] US (10/448,018) 2003-05-29

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[13] A1
[51] **Int.Cl. 7E04C 2/10 7E04C 2/16**
[25] EN
[54] **FIRE-RESISTANT COATED BUILDING PANELS**
[54] **PANNEAUX DE CONSTRUCTION AVEC ENDUIT IGNIFUGE**
[72] SULZER, HANS DIETRICH, CH
[71] BASWA ACOUSTIC AG, CH
[22] 2004-05-14
[41] 2004-12-02
[30] US (10/449,086) 2003-06-02

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[13] A1
[51] **Int.Cl. 7H01R 43/02 7H02G 1/14 7H01B 7/17**
[25] EN
[54] **FIELD WELDABLE CONNECTIONS**
[54] **CONNEXIONS SOUDABLES SUR PLACE**
[72] GUVEN, OGUZHAN, US
[72] KOHLI, HARJIT S., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-05-14
[41] 2004-11-30
[30] US (10/449,469) 2003-05-30

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[13] A1
[51] **Int.Cl. 7E05D 7/081 7F25D 23/00 7E05D 7/12**
[25] EN
[54] **UPPER HINGE ASSEMBLY FOR REFRIGERATOR DOOR**
[54] **CHARNIERE SUPERIEURE DE PORTE DE REFRIGERATEUR**
[72] POHL, DOUGLAS A., US
[71] MAYTAG CORPORATION, US
[22] 2004-05-17
[41] 2004-11-29
[30] US (10/446,680) 2003-05-29

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[21] **2,467,361**
[13] A1
[51] **Int.Cl. 7H05B 33/08 7F25D 27/00**
[25] EN
[54] **MAINTAINING ILLUMINATION INTENSITY OF A LIGHT EMITTING DIODE IN A DOMESTIC APPLIANCE**
[54] **MAINTIEN DE L'INTENSITE D'ECLAIREMENT D'UNE DIODE ELECTROLUMINESCENTE DANS UN APPAREIL DOMESTIQUE**
[72] MIDLANG, BRIAN, US
[71] MAYTAG CORPORATION, US
[22] 2004-05-17
[41] 2004-11-29
[30] US (10/446,687) 2003-05-29

[21] **2,467,393**
[13] A1
[51] **Int.Cl. 7B65H 75/30 7B65H 75/08**
[25] EN
[54] **TUBULAR CORE ASSEMBLIES FOR ROLLS OF PAPER OR OTHER SHEET MATERIAL**
[54] **NOYAUX TUBULAIRES POUR ROULEAUX DE PAPIER OU AUTRE MATIERE EN FEUILLES**
[72] KEWIN, DANIEL D., CA
[71] KEWIN, DANIEL D., CA
[22] 2004-05-17
[41] 2004-11-29
[30] US (60/473,878) 2003-05-29

[21] **2,467,445**
[13] A1
[51] **Int.Cl. 7B01D 39/10 7B21D 1/00**
[25] EN
[54] **PROCESS FOR MANUFACTURING A SECTOR-SHAPED FILTER ELEMENT AND FILTER ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT FILTRANT SECTORIEL ET ELEMENT FILTRANT**
[72] VIDONYE, ROBERT, AT
[72] ROESLER, JOHANN, AT
[72] SCHEUCHER, PETER, AT
[71] ANDRITZ AG, AT
[22] 2004-05-17
[41] 2004-12-04
[30] AT (A 866/2003) 2003-06-04

[21] **2,467,534**
[13] A1
[51] **Int.Cl. 7G07D 11/00 7G08C 17/00**
[25] EN
[54] **DATA COMMUNICATION APPARATUS FOR CURRENCY ACCEPTOR**
[54] **COMMUNICATEUR DE DONNES POUR VALIDATEUR DE BILLETS DE BANQUE**
[72] WIGE, RUSSELL A., US
[72] HAND, PETER E., US
[71] JCM AMERICAN CORPORATION, US
[22] 2004-05-19
[41] 2004-11-30
[30] US (10/449,327) 2003-05-30

[21] **2,467,562**
[13] A1
[51] **Int.Cl. 7A47D 13/06**
[25] EN
[54] **PLAYARD**
[54] **PARC DE BEBE**
[72] GEHR, ARTHUR L., US
[72] SELLERS, GREGORY S., US
[72] LONGENECKER, MICHAEL L., US
[72] PIKE, ROBERT T., US
[72] CLAPPER, JOSHUA E., US
[71] GRACO CHILDREN'S PRODUCTS INC., US
[22] 2004-05-19
[41] 2004-11-28
[30] US (10/446,132) 2003-05-28

[21] **2,467,568**
[13] A1
[51] **Int.Cl. 7F16M 11/24 7A47B 91/02**
[25] EN
[54] **APPLIANCE WITH INTEGRATED, VERTICALLY ADJUSTABLE PLATFORM**
[54] **DISPOSITIF AVEC PLATE-FORME INTEGREE A REGLAGE VERTICAL**
[72] KHOSROPOUR, MOSTAFA MICHAEL, US
[72] GEORGE, EVELYN M., US
[71] MAYTAG CORPORATION, US
[22] 2004-05-19
[41] 2004-11-29
[30] US (10/446,679) 2003-05-29

[21] **2,467,622**
[13] A1
[51] **Int.Cl. 7E06B 9/324 7E06B 9/326**
[25] EN
[54] **WINDOW COVERING WITH LIFTING MECHANISM**
[54] **COUVRE-FENETRE AVEC MECANISME DE LEVAGE**
[72] STRAND, TORALF H., US
[71] SPRINGS WINDOW FASHIONS LP, US
[22] 2004-05-19
[41] 2004-12-02
[30] US (10/452,170) 2003-06-02

[21] **2,467,634**
[13] A1
[51] **Int.Cl. 7F02F 11/00 7F16J 15/06 7F16J 15/10**
[25] EN
[54] **SEALING RING FOR AN INTAKE MANIFOLD**
[54] **BAGUE D'ETANCHEITE POUR COLLECTEUR D'ADMISSION**
[72] MINKOV, MARSHA A., US
[72] CHEN, COLIN C., US
[72] MCARTHY, TROY D., US
[72] RAMKUMAR, ROHIT, US
[72] WILLIAMSON, ALEXANDER S., US
[72] POPIELAS, FRANK W., US
[71] DANA CORPORATION, US
[22] 2004-05-19
[41] 2004-11-30
[30] US (10/448,652) 2003-05-30

[21] **2,467,636**
[13] A1
[51] **Int.Cl. 7B32B 27/14 7B32B 27/28 7B65D 65/40**
[25] EN
[54] **PVDC FILM WITH NANOCOMPOSITE TIE LAYER**
[54] **PELLICULE DE PVDC ¬POLY(CHLORURE DE VINYLIDENE)| COMPRENANT UNE COUCHE D'ADHERENCE DE NANOCOMPOSITE**
[72] AHLGREN, KELLY R., US
[72] GRAH, MICHAEL D., US
[71] CRYOVAC, INC., US
[22] 2004-05-19
[41] 2004-12-02
[30] US (10/452,892) 2003-06-02

[21] **2,467,850**
[13] A1
[51] **Int.Cl. 7F16B 17/00 7B29C 65/00 7B60R 27/00 7F16B 21/02 7B60R 13/02 7F16B 5/07**
[25] EN
[54] **SELF CENTERING SILL PLATE RETAINER WITH OPPOSING WINGS**
[54] **DISPOSITIF AUTOCENTRE DE RETENUE DE LISSE AVEC AILES OPPOSEES**
[72] BENEDETTI, STEVEN M., US
[71] NEWFREY LLC, US
[22] 2004-05-19
[41] 2004-11-30
[30] US (60/474,833) 2003-05-30
[30] US (10/842,355) 2004-05-10

[21] **2,467,869**
[13] A1
[51] **Int.Cl. 7G06F 17/00 7H04L 12/16 7H04L 12/54**
[25] EN
[54] **ORIGINATION/DESTINATION FEATURES AND LISTS FOR SPAM PREVENTION**
[54] **CARACTERISTIQUES DE PROVENANCE/DESTINATION ET LISTES DE PREVENTION DU POLLUPOSTAGE**
[72] GWOZDZ, DANIEL, US
[72] RUPERSBURG, MICAH C., US
[72] HOWELL, NATHAN D., US
[72] STARBUCK, BRYAN T., US
[72] ROUNTHWAITE, ROBERT L., US
[72] GOODMAN, JOSHUA T., US
[72] MEHR, JOHN D., US
[71] MICROSOFT CORPORATION, US
[22] 2004-05-20
[41] 2004-12-04
[30] US (10/454,168) 2003-06-04

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[21] **2,468,002**
[13] A1
[51] **Int.Cl. 7G09F 5/04 7B42D 15/00 7B26F 1/42**
[25] EN
[54] **HIGH SPEED MOUNTING AND PRINTING FOR COLORED CHIPS ON A SHEET**
[54] **MONTAGE ET IMPRESSION A HAUTE VITESSE DE COUPONS COLORES SUR UNE FEUILLE**
[72] WINTER, STEVEN B., US
[72] LERNER, STANLEY I., US
[71] COLOR COMMUNICATIONS, INC., US
[22] 2004-05-21
[41] 2004-11-29
[30] US (60/474,172) 2003-05-29

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[21] **2,468,009**
[13] A1
[51] **Int.Cl. 7G01N 37/00 7G01D 1/18**
[25] EN
[54] **EARLY RESULT DETERMINATION**
[54] **DETERMINATION D'UN RESULTAT IMMEDIAT**
[72] PHELAN, ANDREW PETER, GB
[72] SHARROCK, STEPHEN PAUL, GB
[71] INVERNESS MEDICAL SWITZERLAND GMBH, CH
[22] 2004-05-21
[41] 2004-12-04
[30] GB (0312815.4) 2003-06-04
[30] US (10/741,416) 2003-12-19

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[21] **2,468,014**
[13] A1
[51] **Int.Cl. 7G01N 21/00**
[25] EN
[54] **FLOW RATE DETERMINATION**
[54] **DETERMINATION D'UN DEBIT**
[72] SHARROCK, STEPHEN PAUL, GB
[71] INVERNESS MEDICAL SWITZERLAND GMBH, CH
[22] 2004-05-21
[41] 2004-12-04
[30] GB (0312801.4) 2003-06-04
[30] US (10/742,459) 2003-12-19

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[21] **2,468,072**
[13] A1
[51] **Int.Cl. 7E05B 47/00**
[25] EN
[54] **ELECTRONIC LOCK MODULE**
[54] **MODULE DE VERROUILLAGE ELECTRONIQUE**
[72] HOSSELET, HUBERT, CA
[71] HOSSELET, HUBERT, CA
[22] 2004-05-28
[41] 2004-11-30
[30] US (60/474,311) 2003-05-30

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[21] **2,468,118**
[13] A1
[51] **Int.Cl. 7A61K 31/713 7A61K 48/00 7A61K 31/7105**
[25] EN
[54] **INHIBITION OF GENE EXPRESSION BY DELIVERY OF SPECIALLY SELECTED DOUBLE STRANDED OR OTHER FORMS OF SMALL INTERFERING RNA PRECURSORS ENABLING THE FORMATION AND FUNCTION OF SMALL INTERFERING RNA IN VIVO AND IN VITRO**
[54] **INHIBITION DE L'EXPRESSION GENETIQUE PAR PRODUCTION DE FORMES BICATENAIRES SPECIALEMENT SELECTIONNEES OU D'AUTRES FORMES DE PETITS PRECURSEURS D'ARN NON SPECIFIQUES, QUI PERMET LAFORMATION ET LA FONCTION DE PETITS PRECURSEURS D'ARN NON SPECIFIQUES IN VIVO ET IN VITRO**
[72] YEUNG, WAH HIN ALEX, HK
[71] YEUNG, WAH HIN ALEX, HK
[22] 2004-05-20
[41] 2004-11-30
[30] US (60/475,360) 2003-05-30

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[21] **2,468,188**
[13] A1
[51] **Int.Cl. 7G01N 21/78 7G01N 33/48**
[25] EN
[54] **LED/PHOTODIODE ARRANGEMENT**
[54] **MONTAGE A DEL/PHOTODIODES**
[72] PHELAN, ANDREW PETER, GB
[71] INVERNESS MEDICAL SWITZERLAND GMBH, CH
[22] 2004-05-21
[41] 2004-12-04
[30] GB (0312801.2) 2003-06-04
[30] US (10/816,216) 2004-04-01

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[21] **2,468,193**
[13] A1
[51] **Int.Cl. 7E21B 47/09**
[25] EN
[54] **DETERMINATION OF BOREHOLE GEOMETRY INSIDE CASED WELLS WITH CROSSWELL ELECTROMAGNETICS**
[54] **DETERMINATION GEOMETRIQUE D'UN TROU DE FORAGE A L'INTERIEUR DE SONDAGES TUBES AVEC MESURES ELECTROMAGNETIQUES ENTRE PUITS**
[72] ZHANG, PING, US
[72] HABER, ELDAD, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-05-26
[41] 2004-11-29
[30] US (10/250,030) 2003-05-29

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[21] **2,468,201**
[13] A1
[51] **Int.Cl. 7H04R 3/00 7H04R 21/00 7H04R 1/20**
[25] EN
[54] **AUTOMATIC AND SIMULTANEOUS CONTROL OF LOUDNESS AND LOUDNESS COMPENSATION OF AN AUDIO SIGNAL**
[54] **COMMANDE AUTOMATIQUE ET SIMULTANEE DE SONIE ET COMPENSATION SONIQUE D'UN SIGNAL AUDIO**
[72] CERASUOLO, MARK, US
[72] KNOLL, KEVIN, CA
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2004-05-21
[41] 2004-11-29
[30] US (10/448,500) 2003-05-29

[21] **2,468,206**
[13] A1
[51] **Int.Cl. 7H03M 1/20**
[25] EN
[54] **DEVICE AND METHOD OF FITTED VARIABLE GAIN ANALOG-DIGITAL CONVERSION FOR AN IMAGE SENSOR**
[54] **DISPOSITIF ET METHODE DE CONVERSION ADAPTEE ANALOGIQUE-NUMERIQUE A GAIN VARIABLE POUR CAPTEUR D'IMAGE**
[72] AEBY, FABIEN, CH
[72] GENILLOUD, LAURENT, CH
[71] ASULAB S.A., CH
[22] 2004-05-21
[41] 2004-12-03
[30] EP (03012594.2) 2003-06-03

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[21] **2,468,224**
[13] A1
[51] **Int.Cl. 7C04B 28/00 7C04B 16/02 7C09K 7/02 7E21B 33/13**
[25] EN
[54] **AQUEOUS STORABLE CEMENT SPACER SYSTEM AND METHOD OF MAKING AND USING THE SAME**
[54] **SYSTEME AQUEUX ENTREPOSABLE DE SEPARATION DU CIMENT, METHODE DE FABRICATION ET MODE D'UTILISATION**
[72] FANGUY, CHARLES JOSEPH, JR., US
[72] SANCHEZ, JERRY PATRICK, US
[72] MITCHELL, TIMOTHY IVAN, US
[71] BJ SERVICES COMPANY, US
[22] 2004-05-25
[41] 2004-11-30
[30] US (10/448,576) 2003-05-30

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[21] **2,468,226**
[13] A1
[51] **Int.Cl. 7G01N 37/00 7A61B 8/12**
[25] EN
[54] **ULTRASOUND CATHETER CALIBRATION SYSTEM**
[54] **DISPOSITIF D'ETALONNAGE DE CATHETERS A ULTRASONS**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER, INC., US
[22] 2004-05-25
[41] 2004-11-29
[30] US (10/447,940) 2003-05-29

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[21] **2,468,227**
[13] A1
[51] **Int.Cl. 7A61B 17/122**
[25] EN
[54] **SURGICAL CLIP**
[54] **AGRAFE CHIRURGICALE**
[72] HUITEMA, THOMAS W., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2004-05-25
[41] 2004-11-28
[30] US (10/446,800) 2003-05-28

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[21] **2,468,286**
[13] A1
[51] **Int.Cl. 7F16F 9/34 7B60G 17/06**
[25] EN
[54] **VEHICLE SUSPENSION DAMPER WITH INTEGRAL HEIGHT LEVELING VALVE**
[54] **AMORTISSEUR DE VEHICULE AVEC SOUPAPE INTEGREE D'EGALISATION DE HAUTEUR**
[72] BELL, STEPHEN HOWARD, CA
[72] SENDREA, DARRYL, CA
[71] ARVINMERITOR TECHNOLOGY, LLC., US
[22] 2004-05-25
[41] 2004-12-04
[30] US (10/453,966) 2003-06-04

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[21] **2,468,290**
[13] A1
[51] **Int.Cl. 7G01N 21/78 7G01N 21/25 7G01N 27/26**
[25] EN
[54] **DIAGNOSTIC TEST STRIP FOR COLLECTING AND DETECTING AN ANALYTE IN A FLUID SAMPLE AND METHOD FOR USING SAME**
[54] **BANDE D'ESSAI DIAGNOSTIQUE POUR LE PRELEVEMENT ET LA DETECTION D'UNE SUBSTANCE ANALYSEE PRESENTE DANS UN ECHANTILLON DE FLUIDE ET METHODE D'UTILISATION CONNEXE**
[72] KURIGER, REX J., US
[71] BAYER HEALTHCARE LLC, US
[22] 2004-05-25
[41] 2004-11-29
[30] US (60/473,720) 2003-05-29

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[21] **2,468,291**
[13] A1
[51] **Int.Cl. 7B67D 5/38 7G01M 3/00**
[25] EN
[54] **FUELING NOZZLE WITH INTEGRAL MOLECULAR LEAK SENSOR**
[54] **BUSE D'ALIMENTATION EN COMBUSTIBLE MUNIE D'UN DETECTEUR DE FUITE MOLECULAIRE INTEGRE**
[72] COHEN, JOSEPH PERRY, US
[72] SCHWEIGHARDT, FRANK KENNETH, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2004-05-25
[41] 2004-11-30
[30] US (10/452,549) 2003-05-30

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[21] **2,468,324**
[13] A1
[51] **Int.Cl. 7A61B 5/06 7G01V 3/08**
[25] EN
[54] **DYNAMIC METAL IMMUNITY BY HYSTERESIS**
[54] **INSENSIBILITE DYNAMIQUE DES METAUX PAR HYSTERESIS**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER, INC., US
[22] 2004-05-25
[41] 2004-11-29
[30] US (10/448,291) 2003-05-29

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[21] **2,468,327**
[13] A1
[51] **Int.Cl. 7G01V 3/08 7A61B 5/06**
[25] EN
[54] **HYSTERESIS ASSESSMENT FOR METAL IMMUNITY**
[54] **EVALUATION PAR HYSTERESIS DE L'INSENSIBILITE DES METAUX**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER, INC., US
[22] 2004-05-25
[41] 2004-11-29
[30] US (10/448,289) 2003-05-29

[21] **2,468,366**
[13] A1
[51] **Int.Cl. 7B31B 49/02 7B31B 1/68**
[25] EN
[54] **PROCESS FOR PRODUCING A FLEXIBLE HOLDING SYSTEM**
[54] **PROCEDE DE FABRICATION D'UN SYSTEME DE PREHENSION SOUPLE**
[72] HUGENHOLTZ, PATRICK, BE
[71] CONTEYOR MULTIBAG SYSTEMS N.V., BE
[22] 2004-05-26
[41] 2004-11-30
[30] DE (103 24 785.8) 2003-05-31

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[21] **2,468,427**
[13] A1
[51] **Int.Cl. 7H04N 7/08 7H04N 5/44**
[25] EN
[54] **COMMERCIAL REPLACEMENT SYSTEMS AND METHODS USING SYNCHRONIZED AND BUFFERED TV PROGRAM AND COMMERCIAL REPLACEMENT STREAMS**
[54] **SYSTEMES ET METHODES DE REMPLACEMENT DE MESSAGES PUBLICITAIRES PAR TRAINS D'EMISSIONS TELEVISEES ET TRAINS DE REMPLACEMENT DE MESSAGES PUBLICITAIRES TELEVISES SYNCHRONISES ET MIS EN TAMPON**
[72] RADKE, DANIEL A., US
[72] WRIGHT, WINSTON HUGH, US
[71] MICROSPACE COMMUNICATIONS CORPORATION, US
[22] 2004-05-27
[41] 2004-11-28
[30] US (60/473,857) 2003-05-28
[30] US (10/848,419) 2004-05-18

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[21] **2,468,438**
[13] A1
[51] **Int.Cl. 7G07F 17/32 7G07F 17/34**
[25] EN
[54] **ADAPTABLE GAMING MACHINE IN A GAMING NETWORK**
[54] **MACHINE A SOUS ADAPTABLE POUR RESEAU DE JEUX DE HASARD**
[72] ROTHSCHILD, WAYNE H., US
[71] WMS GAMING INC., US
[22] 2004-05-27
[41] 2004-11-28
[30] US (60/473,854) 2003-05-28
[30] US (60/528,384) 2003-12-10

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[21] **2,468,472**
[13] A1
[51] **Int.Cl. 7G01N 21/78 7G01N 33/50 7G01N 33/52 7G01N 21/77**
[25] EN
[54] **TEST SENSOR AND METHOD FOR MANUFACTURING THE SAME**
[54] **ANALYSEUR ET METHODE DE FABRICATION**
[72] KURIGER, REX J., US
[71] BAYER HEALTHCARE LLC, US
[22] 2004-05-26
[41] 2004-11-29
[30] US (60/473,703) 2003-05-29

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[21] **2,468,475**
[13] A1
[51] **Int.Cl. 7A44C 17/02**
[25] EN
[54] **INTERCHANGEABLE PRECIOUS STONE MOUNTING ARRANGEMENT**
[54] **MONTURE INTERCHANGEABLE DE PIERRE PRECIEUSE**
[72] DUBNICKA, WILLIAM, US
[71] DUBNICKA, WILLIAM, US
[22] 2004-05-26
[41] 2004-11-28
[30] US (60/473,645) 2003-05-28
[30] US (10/816,361) 2004-04-01

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[21] **2,468,485**
[13] A1
[51] **Int.Cl. 7H04H 1/00 7H04N 7/20**
[25] EN
[54] **SYSTEMS, METHODS AND TRANSMISSION FORMATS FOR PROVIDING A COMMON PLATFORM FOR DIRECT BROADCAST SATELLITE TELEVISION NETWORKS**
[54] **SYSTEMES, METHODES ET PRESENTATIONS DE TRANSMISSION FOURNISSANT UNE PLATE-FORME COMMUNE POUR RESAUX DE TELEDIFFUSION PAR SATELLITE**
[72] WRIGHT, WINSTON HUGH, US
[72] RADKE, DANIEL A., US
[71] MICROSPACE COMMUNICATIONS CORPORATION, US
[22] 2004-05-26
[41] 2004-11-28
[30] US (10/446,543) 2003-05-28

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[21] **2,468,493**
[13] A1
[51] **Int.Cl. 7E01F 13/00 7G08C 17/00**
[25] EN
[54] **MOVABLE BARRIER OPERATOR STATUS CONDITION TRANSCEPTION APPARATUS AND METHOD**
[54] **DISPOSITIF ET METHODE DE TRANSMISSION D'ETAT D'UN ACTIONNEUR DE BARRIERE MOBILE**
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2004-05-26
[41] 2004-11-29
[30] US (10/447,663) 2003-05-29

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[21] **2,468,495**
[13] A1
[51] **Int.Cl. 7H01H 9/26**
[25] EN
[54] **SWITCH INTERLOCK APPARATUS**
[54] **DISPOSITIF DE VERROUILLAGE DE COMMUTATEURS**
[72] SCHNACKENBERG, PAUL, US
[71] GEN-TRAN CORPORATION, US
[22] 2004-05-26
[41] 2004-11-28
[30] US (10/446,303) 2003-05-28

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[21] **2,468,546**
[13] A1
[51] **Int.Cl. 7A61M 1/12 7A61M 1/10**
[25] EN
[54] **PASSIVE NON-CONTACTING SMART BEARING SUSPENSION FOR TURBO BLOOD-PUMPS**
[54] **SUSPENSION PASSIVE INTELLIGENTE A ROULEMENTS SANS CONTACT POUR TURBOPOMPES A SANG**
[72] GOLDOWSKY, MICHAEL P., US
[71] GOLDOWSKY, MICHAEL P., US
[22] 2004-05-27
[41] 2004-11-28
[30] US (60/473,587) 2003-05-28
[30] US (10/845,183) 2004-05-14

[21] **2,468,549**
[13] A1
[51] **Int.Cl. 7F16B 5/12 7E02D 31/02**
[25] EN
[54] **FOUNDATION PROTECTOR SYSTEM**
[54] **SYSTEME DE PROTECTION DE FONDATIONS**
[72] HUBERT, THEODORE G., CA
[71] HUBERT, THEODORE G., CA
[22] 2004-05-27
[41] 2004-12-03
[30] CA (2,430,721) 2003-06-03

[21] **2,468,550**
[13] A1
[51] **Int.Cl. 7B65D 25/38**
[25] EN
[54] **PORTABLE DISPENSERS FOR ARTICLES**
[54] **DISTRIBUTEURS PORTATIFS D'ARTICLES**
[72] CONKLIN, WILLIAM M., US
[71] CONKLIN, WILLIAM M., US
[22] 2004-05-27
[41] 2004-11-28
[30] US (10/446,642) 2003-05-28

[21] **2,468,553**
[13] A1
[51] **Int.Cl. 7B26B 19/04**
[25] EN
[54] **OUTER CUTTER FOR AN ELECTRIC SHAVER AND AN ELECTRIC SHAVER USING THE SAME**
[54] **TETE DE PASSAGE EXTERIEURE DE RASOIR ELECTRIQUE ET RASOIR ELECTRIQUE AINSI MUNI**
[72] UCHIYAMA, HIROMI, JP
[71] IZUMI PRODUCTS COMPANY, JP
[22] 2004-05-27
[41] 2004-11-28
[30] JP (2003-150619) 2003-05-28

[21] **2,468,559**
[13] A1
[51] **Int.Cl. 7G06F 17/00 7F02C 7/00 7F02C 9/00 7F01D 25/00 7F02D 28/00 7F02C 7/057 7F02K 1/16 7F02C 9/48**
[25] EN
[54] **ROTOR INLET TEMPERATURE CONTROL FOR TURBO MACHINE**
[54] **COMMANDE DE TEMPERATURE D'ENTREE DE ROTOR POUR TURBOMACHINE**
[72] OLSON, KENNETH D., US
[72] SIMMONS, CARL F., US
[72] MCBRIDE, RICHARD W., US
[72] IRWIN, CRAIG W., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2004-05-27
[41] 2004-11-30
[30] US (10/448,900) 2003-05-30

[21] **2,468,561**
[13] A1
[51] **Int.Cl. 7A61B 3/04**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO TRIAL LENSES**
[54] **AMELIORATIONS DE VERRES D'ESSAI**
[72] DAVE, TRUSIT, GB
[71] OPTIMED LIMITED, GB
[22] 2004-05-27
[41] 2004-12-04
[30] GB (0312749.5) 2003-06-04

[21] **2,468,571**
[13] A1
[51] **Int.Cl. 7B27B 31/00 7B65G 25/02 7B65G 29/02 7B65G 47/82**
[25] EN
[54] **ROTARY LOG SINGULATOR WITH STAGING CAM SURFACES**
[54] **CHARGEUR DE BILLES ROTATIF A CAMES DE SEPARATION**
[72] WOODHAM, VAN, US
[71] PSI SALES, INC., US
[22] 2004-05-27
[41] 2004-11-29
[30] US (10/447,614) 2003-05-29

[21] **2,468,572**
[13] A1
[51] **Int.Cl. 7A47D 13/00 7A47D 7/02 7A47D 9/02**
[25] EN
[54] **BASSINET SELECTIVELY ROCKABLE WHEN MOUNTED UPON A SUPPORT AS WELL AS BEING DISPLACED THEREFROM**
[54] **LIT D'ENFANT POUVANT ETRE BERCE LORSQUE MONTE SUR UN SUPPORT OU DEPLACE DE CE SUPPORT**
[72] DROBINSKI, JEROME, US
[72] WALDMAN, KENNETH C., US
[71] SIMPLICITY, INC., US
[22] 2004-05-27
[41] 2004-11-29
[30] US (60/474,275) 2003-05-29

[21] **2,468,591**
[13] A1
[51] **Int.Cl. 7E01F 13/04**
[25] EN
[54] **OBSTACLE DETECTOR-RESPONSIVE MOVABLE BARRIER OPERATOR APPARATUS AND METHOD**
[54] **DISPOSITIF ET METHODE D'ACTIONNEMENT D'UNE BARRIERE MOBILE SENSIBLE/D'UN DETECTEUR D'OBSTACLES**
[72] LAIRD, EDWARD, US
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2004-05-26
[41] 2004-11-29
[30] US (10/447,662) 2003-05-29

[21] **2,468,592**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7H04L 9/32**
[25] EN
[54] **SYSTEM AND METHODS FOR PROVISIONING A SERVICE FOR A COMMUNICATION DEVICE**
[54] **SYSTEME ET METHODES DE FOURNITURE DE SERVICE POUR DISPOSITIF DE COMMUNICATIONS**
[72] SMITH, CHRISTOPHER D., CA
[72] GILHULY, BARRY J., CA
[72] KRUIS, DAVID P., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2004-05-26
[41] 2004-11-30
[30] EP (03253403.4) 2003-05-30

[21] **2,468,593**
[13] A1
[51] **Int.Cl. 7B65G 25/08 7B65G 47/82**
[25] EN
[54] **HEAVY-DUTY RECIPROCATING SLAT CONVEYOR**
[54] **TRANSPORTEUR TRES ROBUSTE A LATTES ESPACEES ET A MOUVEMENT DE VA-ET-VIENT**
[72] FOSTER, RAYMOND KEITH, US
[71] KEITH INVESTMENTS L.L.C., US
[22] 2004-05-26
[41] 2004-11-30
[30] US (10/449,933) 2003-05-30

[21] **2,468,594**
[13] A1
[51] **Int.Cl. 7B01D 45/08**
[25] EN
[54] **IMPACT TYPE PARTICLE SEPARATOR MADE OF MUTUALLY INVERTED U-SHAPED ELEMENTS**
[54] **SEPARATEUR DE PARTICULES A PERCUSSION FABRIQUE D'ELEMENTS EN U MUTUELLEMENT INVERSES**
[72] COLLINS, EDWIN L. III, US
[72] CONNORS, TIMOTHY F., US
[72] HAHN, JEFFREY J., US
[72] BOLEBRUCH, JEFFREY J., US
[72] ANDERSON, GARY L., US
[72] MARYAMCHIK, MIKHAIL, US
[71] THE BABCOCK & WILCOX COMPANY, US
[22] 2004-05-26
[41] 2004-11-29
[30] US (10/447,688) 2003-05-29

[21] **2,468,596**
[13] A1
[51] **Int.Cl. 7F21V 7/00**
[25] EN
[54] **LUMINAIRE PROVIDING DIRECT AND INDIRECT LIGHTING**
[54] **LUMINAIRE PRODUISANT UN ECLAIRAGE DIRECT ET INDIRECT**
[72] WERR, MARTIN C., US
[72] BROWN, RAYMOND A., US
[71] HUBBELL INCORPORATED, US
[22] 2004-05-26
[41] 2004-11-29
[30] US (10/447,304) 2003-05-29

[21] **2,468,598**
[13] A1
[51] **Int.Cl. 7B65G 25/06 7B62D 63/08**
[25] EN
[54] **SEALLESS RECIPROCATING SLAT CONVEYOR HAVING VERTICALLY INSTALLABLE COMPONENTS**
[54] **TRANSPORTEUR A LATTES ESPACEES ET A MOUVEMENT DE VA-ET-VIENT SANS JOINTS A COMPOSANTS POUVANT ETRE INSTALLES VERTICALEMENT**
[72] QUAECK, MANFRED W., US
[71] KEITH INVESTMENTS L.L.C., US
[22] 2004-05-26
[41] 2004-11-29
[30] US (10/449,976) 2003-05-29

[21] **2,468,603**
[13] A1
[51] **Int.Cl. 7C09D 175/04**
[25] EN
[54] **AQUEOUS POLYURETHANE DISPERSIONS FOR PRODUCING COATINGS WITH SOFT FEEL EFFECT**
[54] **DISPERSIONS AQUEUSES DE POLYURETHANE POUR LA PRODUCTION DE REVETEMENTS AU TOUCHER DOUX**
[72] HALPAAP, REINHARD, DE
[72] MELCHIORS, MARTIN, DE
[72] POHL, TORSTEN, DE
[72] KLIPPERT, UWE, DE
[72] MUENZMAY, THOMAS, DE
[72] MEIXNER, JUERGEN, DE
[71] BAYER MATERIALSCIENCE AG, DE
[22] 2004-05-27
[41] 2004-11-30
[30] DE (10324306.2) 2003-05-30

[21] **2,468,609**
[13] A1
[51] **Int.Cl. 7H01M 8/00 7H01M 2/02 7H01M 8/02 7H01M 8/10**
[25] EN
[54] **SOLID OXIDE FUEL CELL, SOLID OXIDE FUEL CELL ASSEMBLY, SOLID OXIDE FUEL CELL MODULE, AND SOLID OXIDE FUEL CELL POWER GENERATOR**
[54] **PILE A COMBUSTIBLE A OXYDE SOLIDE, ASSEMBLAGE DE PILES A COMBUSTIBLE A OXYDE SOLIDE, MODULE DE PILES A COMBUSTIBLE A OXYDE SOLIDE ET GENERATEUR A PILES A COMBUSTIBLE A OXYDE SOLIDE**
[72] TANIGUCHI, SHUNSUKE, JP
[72] OKAMOTO, TAKASHI, JP
[71] SANYO ELECTRIC CO., LTD., JP
[22] 2004-05-27
[41] 2004-11-30
[30] JP (154557/2003) 2003-05-30

[21] **2,468,612**
[13] A1
[51] **Int.Cl. 7G08C 17/00 7E05F 15/10**
[25] EN
[54] **STATUS SIGNAL METHOD AND APPARATUS FOR MOVABLE BARRIER OPERATOR AND CORRESPONDING WIRELESS REMOTE CONTROL**
[54] **METHODE ET APPAREIL A SIGNAUX D'ETAT POUR SYSTEME DE DEPLACEMENT DE BARRIERE MOBILE ET TELECOMMANDE SANS FIL CORRESPONDANTE**
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2004-05-27
[41] 2004-11-29
[30] US (10/447,661) 2003-05-29

[21] **2,468,613**
[13] A1
[51] **Int.Cl. 7G01L 13/02 7G01L 19/00**
[25] EN
[54] **PRESSURE GAGE AND SWITCH**
[54] **MANOMETRE ET MANOSTAT**
[72] PALMER, BRIAN L., US
[72] HEUER, DANIEL A., US
[72] KRUEGER, RONALD R., US
[71] DWYER INSTRUMENTS, INC., US
[22] 2004-05-27
[41] 2004-11-29
[30] US (60/474,138) 2003-05-29

[21] **2,468,628**
[13] A1
[51] **Int.Cl. 7H04N 7/08 7H04H 1/00 7H04N 5/04 7H04N 5/38**
[25] EN
[54] **CHANNEL COMBINING AND DECOMBINING SYSTEMS AND METHODS FOR TELEVISION PROGRAM TRANSMITTING AND RECEIVING**
[54] **SYSTEMES DE COMBINAISON ET DE DECOMBINAISON DE CANAUX ET METHODES D'EMISSION ET DE RECEPTION POUR PROGRAMMATION DE TELEVISION**
[72] WRIGHT, WINSTON HUGH, US
[71] MICROSPACE COMMUNICATIONS CORPORATION, US
[22] 2004-05-27
[41] 2004-11-28
[30] US (60/473,754) 2003-05-28
[30] US (UNKNOWN) 2004-05-18

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[13] A1
[51] **Int.Cl. 7E01F 13/00**
[25] EN
[54] **MOVABLE BARRIER OPERATOR MULTI-TECHNIQUE EXCESS FORCE AVOIDANCE APPARATUS AND METHOD**
[54] **DISPOSITIF ET METHODE MULTI-TECHNIQUES DE PREVENTION D'EXCES DE FORCE POUR L'ACTIONNEMENT D'UNE BARRIERE MOBILE**
[72] WILLMOTT, COLIN B., US
[72] KELKHOFF, BARBARA P., US
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2004-05-27
[41] 2004-11-29
[30] US (10/447,664) 2003-05-29

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[13] A1
[51] **Int.Cl. 7F04D 29/04**
[25] EN
[54] **COMPRESSOR CRANKSHAFT WITH BEARING SLEEVE AND ASSEMBLY METHOD**
[54] **VILEBREQUIN DE COMPRESSEUR A CHEMISE D'ARBRE SOUS COUSSINET ET METHODE D'ASSEMBLAGE**
[72] YAP, ZER KAI, US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 2004-05-27
[41] 2004-11-29
[30] US (10/447,712) 2003-05-29

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[21] **2,468,634**
[13] A1
[51] **Int.Cl. 7B32B 27/28**
[25] EN
[54] **OPTICAL BRIGHTENERS FOR DISPLAY PANELS**
[54] **AZURANTS OPTIQUES POUR PANNEAUX D'AFFICHAGE**
[72] NELSON, DANIEL C., US
[72] BUECHLER, TROY RAYMOND, US
[72] HUZYAK, PAUL CHRISTOPHER, US
[71] ALCAN INTERNATIONAL LIMITED, CA
[22] 2004-05-27
[41] 2004-11-29
[30] US (60/474,024) 2003-05-29

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[21] **2,468,639**
[13] A1
[51] **Int.Cl. 7C08J 5/18 7C08J 7/04**
[25] EN
[54] **COATING FILM FORMATION PROCESS AND COATED ARTICLE**
[54] **PROCESSUS DE FORMATION DE PELLICULE PROTECTRICE ET ARTICLE ENDUIT**
[72] OGAWA, TAKESHI, JP
[72] IHARA, SATORU, JP
[72] SHIRAGA, RYUICHI, JP
[72] MIYAZOE, SEIGO, JP
[72] UCHIYAMA, TOSHIHIKO, JP
[72] INOUE, MASANOBU, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-05-27
[41] 2004-11-30
[30] JP (2003-153993) 2003-05-30

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[13] A1
[51] **Int.Cl. 7A63B 69/00 7A63C 3/00**
[25] EN
[54] **SPORTS TRAINING APPARATUS AND METHOD OF USING SAME**
[54] **DISPOSITIF D'ENTRAINEMENT DE SPORT ET METHODE D'UTILISATION**
[72] DUFOUR, LOUIS-GEORGES, CA
[71] DUFOUR, LOUIS-GEORGES, CA
[22] 2004-05-27
[41] 2004-11-29
[30] CA (2,430,049) 2003-05-29

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[13] A1
[51] **Int.Cl. 7H05B 33/12 7H01L 33/00**
[25] EN
[54] **CONVERSION LED**
[54] **DEL DE CONVERSION**
[72] JERMANN, FRANK, DE
[72] ZACHAU, MARTIN, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2004-05-27
[41] 2004-11-28
[30] DE (203 08 495.0) 2003-05-28

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[13] A1
[51] **Int.Cl. 7F24D 17/00 7F24H 7/02 7F24H 1/18**
[25] EN
[54] **SUPPLEMENTAL WATER HEATER TANK AND SYSTEM**
[54] **RESERVOIR ET SYSTEME DE CHAUFFE-EAU D'APPOINT**
[72] SHAW, THOMAS J., US
[72] DRUBE, PAUL A., US
[72] WONDRA, DAVID A., US
[72] NEESER, TIMOTHY A., US
[71] CHART INC., US
[22] 2004-05-28
[41] 2004-11-30
[30] US (10/449,979) 2003-05-30

[21] **2,468,660**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7H04M 11/06 7H04M 3/493**
[25] EN
[54] **METHOD FOR PROVIDING BUYING/PRESENTING INFORMATION FOR COMMUNICATION SYSTEM AND TELEPHONE EXCHANGE APPARATUS USING THE COMMUNICATION SYSTEM**
[54] **METHODE DE FOURNITURE D'INFORMATION D'ACHAT ET DE PRESENTATION POUR SYSTEME DE COMMUNICATIONS ET APPAREIL DE CENTRAL TELEPHONIQUE UTILISANT CE SYSTEME DE COMMUNICATIONS**
[72] IZAWA, TAKAHIRO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2004-05-28
[41] 2004-11-30
[30] JP (2003-156022) 2003-05-30

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[21] **2,468,664**
[13] A1
[51] **Int.Cl. 7A61K 31/407 7A61P 27/02 7A61P 27/04**
[25] EN
[54] **KETOROLAC TROMETHAMINE COMPOSITIONS FOR TREATING OR PREVENTING OCULAR PAIN**
[54] **COMPOSITIONS A BASE DE KEROTOLAC TROMETHAMINE POUR TRAITER OU PREVENIR LA DOULEUR OCULAIRE**
[72] CHEETHAM, JANET K., US
[72] KUAN, THERESA H., US
[72] MULLER, CHRISTOPHER A., US
[72] POWER, DAVID F., US
[71] ALLERGAN, INC., US
[22] 2004-05-28
[41] 2004-12-03
[30] US (60/475,683) 2003-06-03

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[21] **2,468,668**
[13] A1
[51] **Int.Cl. 7A61B 17/04 7A61B 17/56**
[25] EN
[54] **PUSH-IN SUTURE ANCHOR, INSERTION TOOL, AND METHOD FOR INSERTING A PUSH-IN SUTURE ANCHOR**
[54] **DISPOSITIF D'ANCRAGE DE SUTURE A INSERTION , OUTIL D'INSERTION ET METHODE D'INSERTION D'UN DISPOSITIF D'ANCRAGE DE SUTURE A INSERTION**
[72] REIMELS, WILLIAM, US
[72] PAISTE, MARK, US
[72] HAUT, TRACI, US
[72] KEANE, MICHAEL FRANCIS, US
[71] LINVATEC CORPORATION, US
[22] 2004-05-27
[41] 2004-12-02
[30] US (10/453,444) 2003-06-02

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[13] A1
[51] **Int.Cl. 7B23Q 3/00 7B23K 37/00**
[25] EN
[54] **DUAL WEDGE FIXTURE LOCATOR**
[54] **LOCALISATEUR D'APPAREIL A CALE DOUBLE**
[72] AGLI, WILLIAM A., US
[72] MARSZAL, DEAN N., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2004-05-27
[41] 2004-11-29
[30] US (10/449,303) 2003-05-29

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[13] A1
[51] **Int.Cl. 7F16G 11/00 7B25B 25/00**
[25] EN
[54] **YOKE FOR AUTOMATIC DEADEND ASSEMBLY**
[54] **MANILLE POUR MANCHON D'ANCRAGE AUTOMATIQUE**
[72] GOCH, WAYMON P., US
[71] HUBBELL INCORPORATED, US
[22] 2004-05-27
[41] 2004-11-30
[30] US (10/448,460) 2003-05-30

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[21] **2,468,922**
[13] A1
[51] **Int.Cl. 7F23C 10/20 7F23C 10/18**
[25] EN
[54] **BUBBLE CAP ASSEMBLY**
[54] **ENSEMBLE DE CLOCHE DE BARBOTAGE**
[72] BOLEBRUCH, JEFFREY J., US
[72] WALKER, DAVID J., US
[72] ANDERSON, GARY L., US
[72] HAHN, JEFFREY J., US
[72] COLLINS, EDWIN L., III, US
[72] MARYAMCHIK, MIKHAIL, US
[71] THE BABCOCK & WILCOX COMPANY, US
[71] BLASCH PRECISION CERAMICS, INC., US
[22] 2004-05-28
[41] 2004-11-29
[30] US (10/447,895) 2003-05-29

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[21] **2,468,943**
[13] A1
[51] **Int.Cl. 7E21B 17/01**
[25] EN
[54] **A RISER**
[54] **COLONNE MONTANTE**
[72] SELE, ARNE, NO
[71] AKER RISER SYSTEMS AS, NO
[22] 2004-05-28
[41] 2004-12-02
[30] NO (20032484) 2003-06-02

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[21] **2,469,103**
[13] A1
[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR SYNTHESIZING VIRTUAL INTERACTION BETWEEN RIGID AND DEFORMABLE BODIES**
[54] **METHODE ET APPAREIL DE SYNTHESE DES INTERACTIONS VIRTUELLES ENTRE CORPS RIGIDES ET DEFORMABLES**
[72] MAHVASH, MOHAMMADI, MOSHEN, CA
[72] HAYWARD, VINCENT, CA
[71] MAHVASH, MOHAMMADI, MOSHEN, CA
[71] HAYWARD, VINCENT, CA
[22] 2004-05-28
[41] 2004-11-28
[30] US (60/473 445) 2003-05-28

[21] **2,469,106**
[13] A1
[51] **Int.Cl. 7C08L 77/00 7F16G 1/00 7F16G 5/00 7C08L 23/04 7C08L 27/18**
[25] EN
[54] **RUBBER COMPOSITION AND POWER TRANSMISSION BELT INCORPORATING THE RUBBER COMPOSITION**
[54] **COMPOSITION DE CAOUTCHOUC ET COURROIE DE TRANSMISSION A BASE DE CETTE COMPOSITION**
[72] TAKECHI, HIROKI, JP
[72] TAKEDA, KAZUHIRO, JP
[72] TAKADA, TOSHIMICHI, JP
[72] NISHIYAMA, TAKESHI, JP
[72] HINENO, YORIFUMI, JP
[71] MITSUBOSHI BELTING LTD., JP
[22] 2004-05-28
[41] 2004-11-30
[30] JP (154023/2003) 2003-05-30
[30] JP (116138/2004) 2004-04-09

[21] **2,469,109**
[13] A1
[51] **Int.Cl. 7B66F 9/24**
[25] EN
[54] **DISTRIBUTED CONTROL SYSTEM FOR FORKLIFT**
[54] **SYSTEME DE COMMANDE REPARTI POUR CHARIOT ELEVATEUR A FOURCHE**
[72] OSAKI, KUNIHARU, JP
[72] SAITO, TORU, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] NISSAN MOTOR CO., LTD., JP
[22] 2004-05-28
[41] 2004-11-29
[30] JP (153383/2003) 2003-05-29

[21] **2,469,110**
[13] A1
[51] **Int.Cl. 7B66F 9/22 7B66F 9/24**
[25] EN
[54] **CONTROL SYSTEM OF INDUSTRIAL TRUCK AND CONTROLLING METHOD OF THE SAME**
[54] **SYSTEME DE COMMANDE DE CHARIOT DE MANUTENTION ET METHODE DE COMMANDE CONNEXE**
[72] NAKADA, TAKUYA, JP
[72] SAITO, TORU, JP
[72] UEDA, KATSUMI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] NISSAN MOTOR CO., LTD., JP
[22] 2004-05-28
[41] 2004-11-30
[30] JP (153840/2003) 2003-05-30

[21] **2,469,112**
[13] A1
[51] **Int.Cl. 7F23D 14/58 7F23D 14/22 7F23D 14/64**
[25] EN
[54] **COUNTERFLOW FUEL INJECTION NOZZLE IN A BURNER-BOILER SYSTEM**
[54] **INJECTEUR A CONTRE-COURANT DANS UN SYSTEME DE BRULEUR-CHAUDIERE**
[72] DE PIJPER, AD, US
[72] BRAIS, NORMAND, CA
[72] SHOWERS, EUGENE, US
[72] LABELLE, BERNARD, CA
[72] BUJOLD, NORMAND, CA
[71] AQUA-CHEM, INC., US
[22] 2004-05-31
[41] 2004-11-30
[30] US (60/474,470) 2003-05-31

[21] **2,469,114**
[13] A1
[51] **Int.Cl. 7A61M 16/00 7A61M 16/04**
[25] EN
[54] **METHODS AND DEVICES TO ASSIST PULMONARY DECOMPRESSION**
[54] **METHODES ET DISPOSITIFS POUR FACILITER LA DECOMPRESSION DES POUMONS**
[72] TANAKA, DON, US
[71] CORDIS CORPORATION, US
[22] 2004-05-28
[41] 2004-11-29
[30] US (60/473,999) 2003-05-29
[30] US (UNKNOWN) 2004-05-20

[21] **2,469,117**
[13] A1
[51] **Int.Cl. 7A61M 16/06 7A61M 15/08**
[25] EN
[54] **BREATHING ASSISTANCE APPARATUS**
[54] **APPAREIL RESPIRATOIRE**
[72] VAN BEURDEN, JASON PETER, NZ
[72] WHITE, CRAIG KARL, NZ
[72] O'DONNELL, KEVIN PETER, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2004-05-28
[41] 2004-11-30
[30] NZ (526362) 2003-05-30

[21] **2,469,118**
[13] A1
[51] **Int.Cl. 7B23B 45/02 7B25B 23/14**
[25] EN
[54] **THREE SPEED ROTARY POWER TOOL**
[54] **OUTIL MECANIQUE ROTATIF A TROIS VITESSES**
[72] BUCK, WILLIAM, US
[72] NEMAZI, JOHN E., US
[71] ONE WORLD TECHNOLOGIES LIMITED, BM
[22] 2004-05-28
[41] 2004-11-30
[30] US (10/449,226) 2003-05-30

[21] **2,469,120**
[13] A1
[51] **Int.Cl. 7F16D 63/00 7F16D 65/14**
[25] EN
[54] **MAGNETORHEOLOGICAL FLUID BRAKE AND FORCE-FEEDBACK SYSTEM FOR A STEERING MECHANISM**
[54] **SYSTEME A RETOUR D'EFFORT ET A FREIN A FLUIDE MAGNETORHEOLOGIQUE POUR MECANISME DE DIRECTION**
[72] CHERNEY, MARK JOHN, US
[71] DEERE & COMPANY, US
[22] 2004-05-28
[41] 2004-11-30
[30] US (10/449,665) 2003-05-30

[21] **2,469,125**
[13] A1
[51] **Int.Cl. 7F16L 59/02 7C08J 7/04 7F16L 59/04**
[25] EN
[54] **COATED FIBROUS PIPE INSULATION SYSTEM**
[54] **SYSTEME D'ISOLANT FIBREUX ENDUIT POUR TUYAUX**
[72] CASAVANT, MICHAEL, US
[72] MIGLIORINI, FRED, US
[71] JOHNS MANVILLE INTERNATIONAL, INC., US
[22] 2004-05-28
[41] 2004-11-30
[30] US (10/449,781) 2003-05-30

[21] **2,469,129**
[13] A1
[51] **Int.Cl. 7H01M 2/10 7B25B 29/00**
[25] EN
[54] **SLIDE TYPE BATTERY EJECTION MECHANISM**
[54] **MECANISME D'EJECTION DE PILE DE TYPE A GLISSIERE**
[72] HORNICK, GEORGE MICHAEL, US
[72] BUCK, WILLIAM C., US
[72] OHI, TAKU, US
[72] LEWIS, CHRIS, US
[72] BRAZELL, KENNETH M., US
[72] LU, FENG KU, CN
[72] LIU, XIAO PING, CN
[71] ONE WORLD TECHNOLOGIES LIMITED, BM
[22] 2004-05-28
[41] 2004-11-28
[30] US (10/739,260) 2003-12-18
[30] US (10/447,064) 2003-05-28

[21] **2,469,131**
[13] A1
[51] **Int.Cl. 7E04D 5/00**
[25] EN
[54] **ROOFING COMPONENT ADHERING ASSEMBLY AND METHOD**
[54] **METHODE ET NECESSAIRE D'ADHERENCE DE COMPOSANTS DE TOITURE**
[72] SWANN, RAYMOND CHARLES, US
[71] JOHNS MANVILLE INTERNATIONAL, INC., US
[22] 2004-05-28
[41] 2004-11-30
[30] US (10/449,780) 2003-05-30

[21] **2,469,160**
[13] A1
[51] **Int.Cl. 7B66F 9/20**
[25] EN
[54] **CONTROL SYSTEM OF SELF PROPELLERED INDUSTRIAL MACHINE**
[54] **SYSTEME DE COMMANDE DE MACHINES INDUSTRIELLES AUTOMOTRICES**
[72] SAITO, TORU, JP
[72] UEDA, KATSUMI, JP
[72] IWAMOTO, YOSHIHIDE, JP
[71] NISSAN MOTOR CO., LTD., JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2004-05-28
[41] 2004-11-29
[30] JP (153304/2003) 2003-05-29

[21] **2,469,242**
[13] A1
[51] **Int.Cl. 7C07C 59/315 7D21H 17/14 7D21H 21/16**
[25] EN
[54] **(PER) FLUOROPOLYETHER CARBOXYLIC ACIDS AND USE THEREOF FOR THE OLEO-REPELLENT PAPER SIZING**
[54] **ACIDES POLY(PER)FLUOROETHER-CARBOXYLIQUES ET LEUR UTILISATION POUR RENDRE DU PAPIER OLEOPHOBE**
[72] RUSSO, ANTONIO, IT
[72] TONELLI, CLAUDIO, IT
[72] VISCA, MARIO, IT
[71] SOLVAY SOLEXIS S.P.A., IT
[22] 2004-05-31
[41] 2004-12-03
[30] IT (MI2003 A 001104) 2003-06-03

[21] **2,469,247**
[13] A1
[51] **Int.Cl. 7E21C 41/24 7E02F 5/12**
[25] EN
[54] **METHOD AND MEANS FOR RECOVERING HYDROCARBONS FROM OIL SANDS BY UNDERGROUND MINING**
[54] **METHODE ET MOYENS DE RECUPERATION DES HYDROCARBURES DE SABLES BITUMINEUX PAR EXPLOITATION SOUTERRAINE**
[72] WATSON, JOHN D., US
[71] OIL SANDS UNDERGROUND MINING, INC., US
[22] 2004-05-31
[41] 2004-12-04
[30] US (60/475,947) 2003-06-04

[21] **2,469,253**
[13] A1
[51] **Int.Cl. 7G01N 21/17 7A61B 5/00 7A61B 5/145 7G01N 33/49 7G01N 33/66**
[25] EN
[54] **NON-INVASIVE METHODS OF DETECTING ANALYTE CONCENTRATIONS USING HYPEROSM OTIC FLUIDS**
[54] **METHODES NON INVASIVES DE DETERMINATION DE LA CONCENTRATION D'ANALYTES A L'AIDE DE FLUIDES HYPEROSMOTIQUES**
[72] DOSMANN, ANDREW J., US
[71] BAYER HEALTHCARE LLC, US
[22] 2004-06-01
[41] 2004-12-02
[30] US (60/474,839) 2003-06-02

[21] **2,469,261**
[13] A1
[51] **Int.Cl. 7B27C 7/00**
[25] EN
[54] **OPTIMIZED PLANER FEEDER SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE OPTIMISES D'ALIMENTATION DE RABOTEUSE**
[72] BAKER, LYLE, CA
[72] STEVENS, RAY, CA
[71] BAKER, LYLE, CA
[71] STEVENS, RAY, CA
[22] 2004-06-02
[41] 2004-12-03
[30] US (60474953) 2003-06-03

[21] **2,469,284**
[13] A1
[51] **Int.Cl. 7A47J 27/08 7A23N 12/04 7A23B 7/06**
[25] EN
[54] **CONTINUOUS FLOW PRESSURIZED COOKER/BLANCHER**
[54] **CUISEUR-BLANCHEUR PRESSURISE A FLUX CONTINU**
[72] TYNDALL, HAROLD LAMONT, US
[71] TYNDALL, HAROLD LAMONT, US
[22] 2004-05-31
[41] 2004-12-02
[30] CA (2,430,635) 2003-06-02

[21] **2,469,320**
[13] A1
[51] **Int.Cl. 7E21B 43/12**
[25] EN
[54] **METHOD AND APPARATUS FOR LIFTING LIQUIDS FOR GAS WELLS**
[54] **METHODE ET DISPOSITIF D'ELEVATION DES LIQUIDES POUR PUITS DE GAZ**
[72] ATKINSON, IAN, GB
[72] NICHOLSON, BARRY, AU
[72] SHERWOOD, JOHN, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-05-31
[41] 2004-12-03
[30] GB (0312652.1) 2003-06-03

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[13] A1
[51] **Int.Cl. 7F24B 1/195**
[25] EN
[54] **FIREPLACE ENCLOSURE**
[54] **ENCEINTE POUR FOYER**
[72] RUPP, MICHAEL D., US
[71] COUNTRYSIDE STOVE & CHIMNEY INC., US
[22] 2004-05-31
[41] 2004-12-02
[30] US (10/452,368) 2003-06-02

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[13] A1
[51] **Int.Cl. 7H01J 61/35 7H01J 61/44**
[25] EN
[54] **DISCHARGE LAMP WITH PHOSPHOR**
[54] **LAMPE A DECHARGE AU PHOSPHORE**
[72] HUBER, GUENTER, DE
[72] JERMANN, FRANK, DE
[72] MUELLER, ULRICH, DE
[72] ZACHAU, MARTIN, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2004-05-31
[41] 2004-12-02
[30] DE (103 24 832.3) 2003-06-02

[21] **2,469,363**
[13] A1
[51] **Int.Cl. 7E21B 47/12**
[25] EN
[54] **METHODS, APPARATUS, AND SYSTEMS FOR OBTAINING FORMATION INFORMATION UTILIZING SENSORS ATTACHED TO A CASING IN A WELLBORE**
[54] **METHODES, APPAREILS ET SYSTEMES PERMETTANT D'OBTENIR DE L'INFORMATION SUR LES FORMATIONS AU MOYEN DE CAPTEURS FIXES A UN COFFRE DANS UN PUITS DE FORAGE**
[72] BAILEY, ROBERT, US
[72] JUNDT, JACQUES, US
[72] SALAMITOU, PHILIPPE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-05-31
[41] 2004-12-02
[30] US (10/452,447) 2003-06-02
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[25] EN
[54] **THE PRODUCTION OF THE METALLIC PARTS WITH THE ALLOYED LAYER CONTAINING DISPERSED COMPOUND PARTICLES, AND THE WEAR-PROOF PARTS**
[54] **PRODUCTION DE PIECES METALLIQUES AVEC COUCHE D'ALLIAGE CONTENANT DES PARTICULES DISPERSEES, ET PIECES RESISTANT A L'USURE**
[72] FURUSAWA, SATOSHI, JP
[72] SAKAMOTO, AKIRA, JP
[72] KIYOTOKI, YOSHIHISA, JP
[72] KUNIYA, JIRO, JP
[72] CHIGASAKI, MITSUO, JP
[71] HITACHI, LTD., JP
[22] 2004-05-31
[41] 2004-12-04
[30] JP (2003-158787) 2003-06-04

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[13] A1
[51] **Int.Cl. 7F16K 15/14**
[25] EN
[54] **CHECK VALVE**
[54] **CLAPET ANTI-RETOUR**
[72] TAKEDA, TOMOHISA, JP
[71] MIURA CO., LTD., JP
[22] 2004-05-28
[41] 2004-11-30
[30] JP (2003-155459) 2003-05-30

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[13] A1
[51] **Int.Cl. 7B07C 5/34**
[25] EN
[54] **ADJUSTABLE SORTER DISC METHOD APPARATUS AND SYSTEM**
[54] **METHODE, DISPOSITIF ET SYSTEME APPLICABLES A UN DISQUE TRIEUR REGLABLE**
[72] SHENDGE, DEVENDRA WIN, US
[71] OMEGA DESIGN CORPORATION, US
[22] 2004-05-28
[41] 2004-11-29
[30] US (60/474,271) 2003-05-29

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[13] A1
[51] **Int.Cl. 7C10L 1/22 7C10L 1/10 7C10L 1/16**
[25] EN
[54] **A FUEL OIL COMPOSITION**
[54] **COMPOSITION DE MAZOUT**
[72] JACKSON, GRAHAM, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2004-05-28
[41] 2004-11-29
[30] EP (03253375.4) 2003-05-29

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[13] A1
[51] **Int.Cl. 7B25C 1/08**
[25] EN
[54] **GAS-OPERATED APPARATUS WITH COMBUSTION CHAMBER**
[54] **APPAREIL A GAZ AVEC CHAMBRE DE COMBUSTION**
[72] TOULOUSE, BRUNO, FR
[72] NAYRAC, FREDERIC, FR
[71] SOCIETE DE PROSPECTION ET D'INVENTIONS TECHNIQUES SPIT, FR
[22] 2004-06-01
[41] 2004-12-02
[30] FR (03 06625) 2003-06-02

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[13] A1
[51] **Int.Cl. 7A61B 1/005**
[25] EN
[54] **WIRE SPRING GUIDE FOR FLEXIBLE ENDOSCOPE**
[54] **GUIDE-FIL EN FORME DE RESSORT HELICOIDAL POUR ENDOSCOPE FLEXIBLE**
[72] BARRY, JAMES P., US
[72] PAYEUR, DAVID, US
[71] KARL STORZ IMAGING, INC., US
[22] 2004-06-01
[41] 2004-12-02
[30] US (10/452,301) 2003-06-02

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[51] **Int.Cl. 7B66B 1/46**
[25] EN
[54] **CONTROL APPARATUS FOR LIFT INSTALLATION**
[54] **CONTROLEUR D'INSTALLATION DE LEVAGE**
[72] FELDER, HUGO, CH
[71] INVENTIO AG, CH
[22] 2004-06-02
[41] 2004-12-04
[30] EP (03405404.9) 2003-06-04

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[13] A1
[51] **Int.Cl. 7G01J 1/00 7G01D 21/00 7G01L 1/24 7G01K 11/32**
[25] EN
[54] **AN OPTICAL SENSOR USING A LONG PERIOD GRATING SUITABLE FOR DYNAMIC INTERROGATION**
[54] **CAPTEUR OPTIQUE UTILISANT UN RESEAU A LONGUE PERIODE ADAPTE AUX INTERROGATIONS DYNAMIQUES**
[72] MACDOUGALL, TREVOR, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-06-02
[41] 2004-12-04
[30] US (10/454,101) 2003-06-04

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[13] A1
[51] **Int.Cl. 7H04R 25/00 7H04R 3/00**
[25] EN
[54] **AUTOMATIC MAGNETIC DETECTION IN HEARING AIDS**
[54] **DETECTION AUTOMATIQUE DE SIGNAUX MAGNETIQUES DANS LES APPAREILS AUDITIFS**
[72] LUO, HENRY, CA
[72] ARNDT, HORST, CA
[72] VONLANTHEN, ANDRE, CA
[72] SCHMIDT, MARK, CA
[71] UNITRON HEARING LTD., CA
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[41] 2004-12-03
[30] US (10/452,731) 2003-06-03

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[13] A1
[51] **Int.Cl. 7G01D 11/00 7G01P 1/00 7G08C 23/04**
[25] EN
[54] **OPTICAL ACCELEROMETER OR DISPLACEMENT DEVICE USING A FLEXURE SYSTEM**
[54] **ACCELEROMETRE OU DISPOSITIF DE DEPLACEMENT UTILISANT UN SYSTEME DE FLEXION DANS LE DOMAINE DE L'OPTIQUE**
[72] MACDOUGALL, TREVOR, US
[72] JONES, RICHARD TODD, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-06-02
[41] 2004-12-02
[30] US (10/452,124) 2003-06-02

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[13] A1
[51] **Int.Cl. 7A47D 7/01 7A47D 7/00 7A47D 9/00**
[25] EN
[54] **FOLDABLE CRIB AND METHOD FOR USING SAME**
[54] **BERCEAU PLIANT ET METHODE D'UTILISATION**
[72] WALDMAN, KENNETH C., US
[72] DROBINSKI, JEROME, US
[71] SIMPLICITY, INC., US
[22] 2004-05-28
[41] 2004-11-29
[30] US (60/474,277) 2003-05-29

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[13] A1
[51] **Int.Cl. 7A47K 10/32 7A47K 10/24 7A47K 10/38**
[25] EN
[54] **SYSTEM AND METHOD FOR DISCRIMINATING A ROLL IN A PAPER ROLL DISPENSER, AND A PAPER ROLL**
[54] **SYSTEME ET METHODE DE DISTINCTION D'UN ROULEAU DANS UN DISTRIBUTEUR DE PAPIER, ET ROULEAU DE PAPIER**
[72] LEMAIRE, LAURENT, CA
[72] LEMAIRE, ALAIN, CA
[72] RUEL, FRANCOIS, CA
[72] DION, MARCEL, CA
[72] MARTIN, YVES, CA
[71] CASCADES GROUPE TISSU INC., CA
[22] 2004-05-31
[41] 2004-12-03
[30] CA (2,430,150) 2003-06-03

[21] **2,469,523**
[13] A1
[51] **Int.Cl. 7A61M 16/00**
[25] EN
[54] **LUNG REDUCTION SYSTEM**
[54] **DISPOSITIF DE DECOMPRESSION DES POUMONS**
[72] TANAKA, DON, US
[71] CORDIS CORPORATION, US
[22] 2004-06-03
[41] 2004-12-03
[30] US (60/475,291) 2003-06-03
[30] US (UNKNOWN) 2004-05-24

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[13] A1
[51] **Int.Cl. 7C07K 7/64 7A61L 27/04 7C07K 7/06 7A61K 38/08 7C07K 7/08 7A61K 38/10 7A61K 38/12 7C07K 5/12 7A61L 27/22 7A61L 27/54**
[25] EN
[54] **PEPTIDE AND PEPTIDE MIMETIC DERIVATIVES HAVING INTEGRIN INHIBITOR PROPERTIES III**
[54] **PEPTIDE ET DERIVES DE PEPTIDES MIMETIQUES POSSEDANT DES PROPRIETES D'INHIBITEUR D'INTEGRINE III**
[72] AUERHEIMER, JOERG, DE
[72] HERSEL, ULRICH, DE
[72] NIES, BERTHOLD, DE
[72] KESSLER, HORST, DE
[72] ENDERLE, ANJA, DE
[72] DAHMEN, CLAUDIA, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[22] 2004-05-31
[41] 2004-12-02
[30] DE (10325049.2) 2003-06-02

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[13] A1
[51] **Int.Cl. 7H01B 7/38 7H01B 13/00 7H01F 27/32**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING CONNECTIVITY OF MULTIPLE PARALLEL CONNECTORS**
[54] **SYSTEME ET METHODE PERMETTANT D'AMELIORER LA CONNECTIVITE DE CONNECTEURS PARALLELES MULTIPLES**
[72] BYRNE, MICHAEL, CA
[72] BANKS, RUSSELL W., CA
[71] NEXANS, FR
[22] 2004-06-02
[41] 2004-12-03
[30] US (10/453,159) 2003-06-03

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[13] A1
[51] **Int.Cl. 7B65G 43/10 7B65G 47/57**
[25] EN
[54] **ELEVATED GRADE STATION DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT A ELEVATION POUR TRANSPORTEUR**
[72] ROSS, DARREN A., CA
[72] KUJAT, DARRYL IRWIN, CA
[72] APTED, EDWARD K., CA
[72] WHITE, DANNY C., CA
[72] WIGHT, GEOFF DAVID, CA
[71] ROSS, DARREN A., CA
[71] KUJAT, DARRYL IRWIN, CA
[71] APTED, EDWARD K., CA
[71] WHITE, DANNY C., CA
[71] WIGHT, GEOFF DAVID, CA
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[41] 2004-11-30
[30] US (60/474,213) 2003-05-30

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[13] A1
[51] **Int.Cl. 7E04D 1/28**
[25] EN
[54] **A SYNTHETIC ROOFING SHINGLE OR TILE**
[54] **BARDEAU OU TUILE SYNTHETIQUES DE TOITURE**
[72] FRIEDMAN, MICHAEL L., US
[72] KALKANOGLU, HUSNU M., US
[72] KIM, JOONG Y., US
[72] MACKINNON, THOMAS K., US
[71] CERTAIN TEED CORPORATION, US
[22] 2004-06-01
[41] 2004-12-02
[30] US (10/452,059) 2003-06-02

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[13] A1
[51] **Int.Cl. 7E21B 43/27 7C09K 7/02**
[25] EN
[54] **METHODS OF USING INVERTIBLE OIL EXTERNAL-WATER INTERNAL FLUIDS IN SUBTERRANEAN APPLICATIONS**
[54] **METHODES D'UTILISATION DE FLUIDE EXTERIEUR (PETROLE)-ET DE FLUIDE INTERIEUR(EAU) INVERSABLES DANS LES APPLICATIONS SOUTERRAINES**
[72] TAYLOR, ROBERT S., CA
[72] RITTER, DAVID W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2004-06-01
[41] 2004-12-03
[30] US (10/454,092) 2003-06-03

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[51] **Int.Cl. 7H01M 2/12 7H01M 10/44**
[25] EN
[54] **BATTERY VENTING SYSTEM**
[54] **SYSTEME DE VENTILATION DE PILES**
[72] LIU, XIAO PING, CN
[72] SMITH, ROGER Q., HK
[71] ONE WORLD TECHNOLOGIES LIMITED, BM
[22] 2004-06-01
[41] 2004-12-03
[30] US (10/453,836) 2003-06-03

[21] **2,469,574**
[13] A1
[51] **Int.Cl. 7E21B 47/12**
[25] EN
[54] **IMPROVED TRANSMISSION ELEMENT FOR DOWNHOLE DRILLING COMPONENTS**
[54] **DISPOSITIF DE TRANSMISSION AMELIORE POUR ELEMENTS DE FORAGE DE FOND DE TROU**
[72] HALL, DAVID R., US
[72] FOX, JOE, US
[71] INTELLISERV, INC., US
[22] 2004-06-02
[41] 2004-12-03
[30] US (10/453,076) 2003-06-03
[30] US (10/612,255) 2003-07-02

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[13] A1
[51] **Int.Cl. 7H04L 12/16 7A63F 13/00**
[25] EN
[54] **PEER-TO-PEER DISTRIBUTED GAMING APPLICATION NETWORK**
[54] **RESEAU REPARTI ENTRE PAIRS POUR APPLICATIONS DE JEU**
[72] GAGNER, MARK B., US
[71] WMS GAMING INC., US
[22] 2004-06-02
[41] 2004-12-03
[30] US (10/453,425) 2003-06-03

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[13] A1
[51] **Int.Cl. 7E01C 19/20 7A01C 15/00 7A01C 17/00**
[25] EN
[54] **MATERIAL SPREADING DEVICE**
[54] **ETALEUR DE MATERIAU**
[72] NIEMELA, CAL G., US
[72] QUENZI, PHILIP J., US
[71] BLIZZARD CORPORATION, US
[22] 2004-06-02
[41] 2004-12-03
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[30] US (10/855,207) 2004-05-27

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[51] **Int.Cl. 7A01K 39/01**
[25] EN
[54] **BIRD FEEDING APPARATUS**
[54] **MANGEOIRE D'OISEAUX**
[72] NOCK, ROBERT KENNETH, GB
[71] C J WILDBIRD FOODS LIMITED, GB
[22] 2004-06-03
[41] 2004-12-04
[30] GB (GB 0312763.6) 2003-06-04

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[13] A1
[51] **Int.Cl. 7C08L 79/08 7C08L 77/00**
[25] EN
[54] **HIGH TEMPERATURE POLYMERIC MATERIALS CONTAINING CORONA RESISTANT COMPOSITE FILLER, AND METHODS RELATING THERETO**
[54] **MATIERES POLYMERES HAUTE TEMPERATURE RENFERMANT UNE MATIERE DE CHARGE COMPOSITE RESISTANT AUX DECHARGES CORONA, ET METHODE CONNEXES**
[72] MELONI, PAUL ARTHUR, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2004-06-03
[41] 2004-12-04
[30] US (10/454,359) 2003-06-04

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[13] A1
[51] **Int.Cl. 7A47L 9/32 7A47L 9/00 7A47L 9/16**
[25] EN
[54] **CYCLONE DUST COLLECTOR AND HANDLE ASSEMBLY FOR VACUUM CLEARNER HAVING THE SAME**
[54] **DEPOUSSIEREUR A CYCLONE ET POIGNEE POUR ASPIRATEUR AINSI EQUIPE**
[72] HAN, JUNG-GYUN, KR
[72] OH, JANG-KEUN, KR
[72] LEE, HYUN-JU, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2004-05-31
[41] 2004-12-02
[30] KR (2003-35227) 2003-06-02
[30] KR (2004-26273) 2004-04-16

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[51] **Int.Cl. 7E02F 3/96 7E02F 9/00 7E02F 3/36**
[25] EN
[54] **TOOL COUPLER**
[54] **RACCORD D'ACCOUPLEMENT D'OUTIL**
[72] WERNER, GREGORY KEITH, US
[72] O'BRIEN, DAVID MICHAEL, US
[72] ROBERTSON, GEORGE, US
[72] LEEMANS, RONALD ANTHONY, US
[71] DEERE & COMPANY, US
[22] 2004-06-03
[41] 2004-12-04
[30] US (10/454,088) 2003-06-04

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[13] A1
[51] **Int.Cl. 7H04L 12/54**
[25] EN
[54] **SYSTEM AND METHOD OF MESSAGE TRANSPORT SELECTION**
[54] **SYSTEME ET METHODE DE SELECTION D'UN DISPOSITIF DE TRANSMISSION DE MESSAGE**
[72] YACH, DAVID P., CA
[72] KLASSEN, GERHARD D., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2004-06-03
[41] 2004-12-04
[30] GB (0312817.0) 2003-06-04

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[13] A1
[51] **Int.Cl. 7G01N 29/00 7G01N 29/04**
[25] EN
[54] **METHOD AND APPARATUS FOR ASSESSING THE QUALITY OF SPOT WELDS**
[54] **METHODE ET DISPOSITIF D'EVALUATION DE LA QUALITE DES SOUDURES PAR POINTS**
[72] MAEVA, ELENA YU, CA
[72] PAILLE, JOHN M., US
[72] SEVIARYN, FEDAR M., CA
[72] TITOV, SERGUEI A., RU
[72] MAEV, ROMAN GR., CA
[72] EWASYSHYN, FRANK J., US
[72] DENISOV, ALEXEY A., CA
[71] DAIMLERCHRYSLER CORPORATION, US
[22] 2004-06-03
[41] 2004-12-04
[30] US (10/454,350) 2003-06-04

[21] **2,469,764**
[13] A1
[51] **Int.Cl. 7D21H 21/16**
[25] EN
[54] **USE FOR THE OLEO-REPELLENT PAPER SIZING OF CARBOXYLIC PERFLUOROPOLYETHERS**
[54] **UTILISATION DE PERFLUOROPOLYETHERS CARBOXYLIQUES COMME AGENTS REPULSIFS DE SUBSTANCES GRASSES DANS L'ENCOLLAGE DU PAPIER**
[72] GAVEZOTTI, PIERO, IT
[72] IENGO, PAOLO, IT
[71] SOLVAY SOLEXIS S.P.A., IT
[22] 2004-05-31
[41] 2004-12-03
[30] IT (MI2003 A 001105) 2003-06-03

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[13] A1
[51] **Int.Cl. 7A01C 7/20**
[25] FR
[54] **ELEMENT D'UNE MACHINE AGRICOLE COMPORTANT UN DISPOSITIF DE LESTAGE REGLABLE**
[54] **AGRICULTURAL MACHINE COMPONENT COMPRISING AN ADJUSTABLE BALLASTING DEVICE**
[72] ROIBIER, THIERRY, FR
[71] KUHN-NODET S.A., FR
[22] 2004-05-17
[41] 2004-12-03
[30] FR (03 06695) 2003-06-03

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[13] A1
[51] **Int.Cl. 7F02C 7/045 7F02C 7/24**
[25] FR
[54] **TUYERE DE TURBOMACHINE A REDUCTION DE BRUIT**
[54] **NOISE-REDUCING TURBOMACHINE NOZZLE**
[72] DOUSSINAULT, MARC EMMANUEL, FR
[72] BARDAGI, THIERRY PASCAL, FR
[72] DRAVET, ALAIN, FR
[71] SNECMA MOTEURS, FR
[22] 2004-05-20
[41] 2004-11-28
[30] FR (03 06484) 2003-05-28

[21] **2,469,948**
[13] A1
[51] **Int.Cl. 7H04B 1/00 7B64D 43/00**
[25] FR
[54] **PROCEDE ET SYSTEME DE TRANSMISSION D'INFORMATION SUR UN AERONEF**
[54] **PROCESS AND SYSTEM FOR TRANSMITTING INFORMATION ON AN AIRCRAFT**
[72] BERTHON, VALERIE, FR
[72] FERNANDEZ-RAMOS, YVAN, FR
[72] BERNARD, DENYS, FR
[71] AIRBUS FRANCE, FR
[22] 2004-05-27
[41] 2004-12-04
[30] FR (03 06734) 2003-06-04

[21] **2,469,951**
[13] A1
[51] **Int.Cl. 7E04D 1/20**
[25] EN
[54] **A SYNTHETIC ROOFING SHINGLE OR TILE**
[54] **BARDEAU OU TUILE SYNTHETIQUES DE TOITURE**
[72] KALKANOGLU, HUSNU M., US
[72] FRIEDMAN, MICHAEL L., US
[72] MACKINNON, THOMAS K., US
[72] KIM, JOONG Y., US
[71] CERTAIN TEED CORPORATION, US
[22] 2004-06-01
[41] 2004-12-02
[30] US (10/452,060) 2003-06-02

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[13] A1
[51] **Int.Cl. 7B64D 45/00**
[25] FR
[54] **PROCEDE ET SYSTEME DE TRANSMISSION D'INFORMATION SUR UN AERONEF**
[54] **PROCESS AND SYSTEM FOR TRANSMITTING INFORMATION ON AN AIRCRAFT**
[72] FERNANDEZ-RAMOS, YVAN, FR
[72] BERNARD, DENYS, FR
[71] AIRBUS FRANCE, FR
[22] 2004-05-27
[41] 2004-12-04
[30] FR (03 06733) 2003-06-04

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[13] A1
[51] **Int.Cl. 7C02F 3/34 7C02F 3/02**
[25] FR
[54] **PROCEDE DE TRAITEMENT D'UN EFFLUENT POLLUE PAR DU MTBE OU DU TAME UTILISANT LA SOUCHE MYCOBACTERIUM AUSTROAFRICANUM I-2562 FIXEE SUR UN SUPPORT MINERAL COMPRENANT DE LA PERLITE**
[54] **PROCEDURE FOR TREATING AN EFFLUENT CONTAMINATED BY MTBE OR TAME USING THE MYCOBACTERIUM AUSTROAFRICANUM I-2562 STRAIN FIXED TO A MINERAL SUPPORT CONTAINING PERLITE**
[72] MONOT, FREDERIC, FR
[72] LYEW, DARWIN, CA
[72] FAYOLLE, FRANCOISE, FR
[72] GUIOT, SERGE, CA
[71] INSTITUT FRANCAIS DU PETROLE, FR
[71] INSTITUT DE RECHERCHE EN BIOTECHNOLOGIE, CA
[22] 2004-05-28
[41] 2004-12-02
[30] FR (03/06.647) 2003-06-02

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[13] A1
[51] **Int.Cl. 7G06F 17/60 7E21B 47/00**
[25] FR
[54] **METHODE D'AIDE A LA PRISE DE DECISION POUR LA GESTION D'UN GISEMENT PETROLIER EN PRESENCE DE PARAMETRES TECHNIQUES ET ECONOMIQUES INCERTAINS**
[54] **METHOD TO ASSIST WITH DECISION MAKING FOR THE MANAGEMENT OF AN OIL DEPOSIT IN THE FACE OF UNCERTAIN TECHNICAL AND ECONOMIC PARAMETERS**
[72] FERAILLE, MATHIEU, FR
[72] MANCEAU, EMMANUEL, FR
[72] ZABALZA-MEZGHANI, ISABELLE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2004-05-28
[41] 2004-12-02
[30] FR (03/06.636) 2003-06-02

[21] **2,469,960**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**
[25] FR
[54] **METHODE POUR OPTIMISER LA PRODUCTION D'UN GISEMENT PETROLIER EN PRESENCE D'INCERTITUDES**
[54] **METHOD FOR OPTIMIZING THE PRODUCTION OF AN OIL DEPOSIT IN THE FACE OF UNCERTAINTIES**
[72] FERAILLE, MATHIEU, FR
[72] ZABALZA-MEZGHANI, ISABELLE, FR
[72] MANCEAU, EMMANUEL, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
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[41] 2004-12-02
[30] FR (03/06.637) 2003-06-02

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[54] **WORKPIECE, IN PARTICULAR A CRANKSHAFT**
[54] **PIECE A TRAVAILLER, PARTICULIEREMENT UN VILEBREQUIN**
[72] TOPLACK, GEORG, AT
[71] GE JENBACHER GMBH & CO OHG, AT
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[30] AT (A 865/2003) 2003-06-04

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[25] EN
[54] **JUVENILE VEHICLE SEAT KIT**
[54] **NECESSAIRE DE SIEGE D'ENFANT POUR VEHICULE**
[72] BURBRINK, PHILIP W., US
[72] BALENSIEFER, EUGENE R., II, US
[72] DEBOER, JEFF, US
[72] DINGLER, NOAH, US
[71] COSCO MANAGEMENT, INC., US
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[41] 2004-12-04
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[25] EN
[54] **BACKING PLATE WITH FRICTION MATERIAL RETENTION MEMBERS AND METHOD AND APPARATUS FOR MANUFACTURING SAME**
[54] **PLAQUE D'APPUI AVEC ELEMENTS DE RETENTION POUR MATERIAU DE FRICTION, ET METHODE ET DISPOSITIF DE FABRICATION**
[72] PHAM, NGHI, CA
[71] CAPITAL TOOL & DESIGN LIMITED, CA
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[51] **Int.Cl. 7B62K 15/00 7B62K 19/00**
[25] EN
[54] **PORTABLE BICYCLE**
[54] **BICYCLETTE PORTATIVE**
[72] CHAO, HUNG-CHANG, TW
[71] CHAO, HUNG-CHANG, TW
[22] 2004-06-01
[41] 2004-12-04
[30] CN (03264804.9) 2003-06-04

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[25] EN
[54] **STRETCHING BICYCLE**
[54] **BICYCLETTE TELESCOPIQUE**
[72] CHAO, HUNG-CHANG, TW
[71] CHAO, HUNG-CHANG, TW
[22] 2004-06-01
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[13] A1
[51] **Int.Cl. 7F24F 3/12**
[25] EN
[54] **METHOD AND APPARATUS FOR AIR CONDITIONING**
[54] **METHODE ET APPAREIL DE CLIMATISATION**
[72] GONTCHAROV, ALEXANDRE, CA
[72] GONTCHAROVA, VALENTINA, CA
[71] GONTCHAROV, ALEXANDRE, CA
[71] GONTCHAROVA, VALENTINA, CA
[22] 2004-07-08
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[51] **Int.Cl. 7E02F 5/10 7F16L 1/00 7H02G 1/06**
[25] EN
[54] **UNDERGROUND CABLE OR CONDUIT INSTALLING APPARATUS AND METHOD**
[54] **DISPOSTIF ET METHODE DE POSE DE CABLE OU DE CONDUIT SOUTERRAINS**
[72] LAZURE, ROGER, CA
[72] LAZURE, GERMAIN, CA
[72] RAYMOND, JACQUES, CA
[72] PROVOST, MARIO, CA
[71] EXCAVATION POIRIER-LAZURE, CA
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[41] 2004-11-28

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[51] **Int.Cl. 7E06B 3/677 7E06B 7/00**
[25] EN
[54] **METHOD OF TREATING A GLAZING PANEL**
[54] **METHODE DE TRAITEMENT D'UN PANNEAU DE VITRAGE**
[72] NAYEL, SAID, CA
[72] HENESSY, DENIS JOHN, CA
[71] NAYEL, SAID, CA
[71] HENESSY, DENIS JOHN, CA
[22] 2004-08-16
[41] 2004-11-28
[30] US (60/529,882) 2003-12-17
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[25] EN
[54] **PEPTIDYL-TRNA HYDROLASE FROM PSEUDOMONAS AERUGINOSA**
[54] **NOUVEAUX POLYPEPTIDES PURIFIES ISSUS DE PSEUDOMONAS AERUGINOSA**
[72] BEATTIE, BRYAN, CA
[72] DOMAGALA, MEGAN, CA
[72] VALLEE, FRANCOIS, CA
[72] PINDER, BENJAMIN, CA
[72] EDWARDS, ALED, CA
[72] VEDADI, MASOUD, CA
[72] DHARAMSI, AKIL, CA
[72] ALAM, MUHAMMAD ZAHOOR, CA
[72] WREZEL, OLGA, CA
[72] HOUSTON, SIMON, CA
[72] AWREY, DONALD E., CA
[72] KIMBER, MATTHEW S., CA
[71] AFFINIUM PHARMACEUTICALS, INC., CA
[85] 2004-06-18
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[25] EN
[54] **METHODS OF INDUCING OR ENHANCING CONNECTIVE TISSUE REPAIR**
[54] **METHODES PERMETTANT D'INDUIRE OU D'AMELIORER UNE REPARATION DE TISSU CONJONCTIF**
[72] TURGEMAN, GADI, IL
[72] PELLED, GADI, IL
[72] GAZIT, DAN, IL
[72] EBERLE, PETER, DE
[72] GROSS, GERHARD, DE
[72] HOFFMANN, ANDREA, DE
[71] GBF-GESELLSCHAFT FUR BIOTECHNOLOGISCHE FORSCHUNG GMBH, DE
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE M, IL
[85] 2004-06-28
[86] 2002-12-26 (PCT/IL2002/001041)
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[54] **ANTI-IDIOTYPIC ANTIBODY INDUCING HIV-1 NEUTRALIZING ANTIBODIES**
[54] **ANTICORPS ANTI-IDIOTYPIQUE INDUISANT LES ANTICORPS NEUTRALISANT LE VIH-1**
[72] KATINGER, HERMANN, AT
[72] STIEGLER, GABRIELA, AT
[72] WEIK, ROBERT, AT
[72] KUNERT, RENATE, AT
[71] POLYMUN SCIENTIFIC IMMUNBIOLOGISCHE FORSCHUNG GMBH, AT
[85] 2004-09-03
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[13] A1
[51] **Int.Cl. 7A61K 38/00 7C07K 19/00 7C07K 14/16 7C07K 14/765**
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[54] **HIV INHIBITING PROTEINS**
[54] **PROTEINES INHIBITRICES DU VIH**
[72] SLEEP, DARRELL, GB
[72] WEIMER, THOMAS, DE
[72] HAUSER, HANS-PETER, DE
[71] DELTA BIOTECHNOLOGY LIMITED, GB
[85] 2004-08-09
[86] 2003-02-07 (PCT/IB2003/000434)
[87] 2003-08-14 (WO2003/066078)
[30] US (60/355,547) 2002-02-07

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[51] **Int.Cl. 7C07D 261/20**
[25] EN
[54] **METHOD FOR PREPARING BENZISOXAZOLE METHANE SULFONYL CHLORIDE AND ITS AMIDATION TO FORM ZONISAMIDE**
[54] **PROCEDE SERVANT A LA PREPARATION DE CHLORURE DE BENZISOXAZOLE METHANE SULFONYLE ET A SON AMIDATION POUR FORMER UN ZONISAMIDE**
[72] GERSHON, NEOMI, IL
[72] PILARSKI, GIDEON, IL
[72] STERINBAUM, GRETA, IL
[72] NIDAM, TAMAR, IL
[72] MENDELOVICI, MARIOARA, IL
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2004-08-09
[86] 2003-02-24 (PCT/US2003/005690)
[87] 2003-09-04 (WO2003/072552)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF IMMUNE RELATED DISEASES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES RELATIVES AU SYSTEME IMMUNITAIRE**
[72] SCHOENFELD, JILL R., US
[72] WOOD, WILLIAM I., US
[72] WU, THOMAS D., US
[72] WILLIAMS, P. MICKEY, US
[72] JACKMAN, JANET K., US
[72] CLARK, HILARY, US
[72] BODARY, SARAH C., US
[72] HUNTE, BRISDELL, US
[71] GENENTECH, INC., US
[85] 2004-08-16
[86] 2003-02-21 (PCT/US2003/005241)
[87] 2003-09-04 (WO2003/072035)
[30] US (60/359,461) 2002-02-22

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[13] A1
[51] **Int.Cl. 7H01H 11/00**
[25] FR
[54] **COMMUTATEUR ELECTRIQUE MODULAIRE ET DISPOSITIF DE COMMUTATION ELECTRIQUE COMPRENANT AU MOINS UN TEL COMMUTATEUR**
[54] **MODULAR ELECTRICAL BREAKER AND ELECTRICAL BREAKER DEVICE COMPRISING AT LEAST ONE SUCH BREAKER**
[72] GAUZIN, JOEL, FR
[71] APEM, FR
[85] 2004-08-23
[86] 2003-02-27 (PCT/FR2003/000638)
[87] 2003-09-04 (WO2003/073455)
[30] FR (02/02561) 2002-02-28

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[13] A1
[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **MONONUCLEOTIDE REPEATS MICROSATELLITE MARKERS FOR DETECTING MICROSATELLITE INSTABILITY.**
[54] **MARQUEURS MICROSATELLITES A REPETITIONS MONONUCLEOTIDIQUES PERMETTANT DE DETECTER L'INSTABILITE DES MICROSATELLITES**
[72] SURAWEERA, NIROSHA, GB
[72] HAMELIN, RICHARD, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2004-08-18
[86] 2003-02-26 (PCT/EP2003/002654)
[87] 2003-09-04 (WO2003/072822)
[30] EP (02290483.3) 2002-02-28

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[13] A1
[51] **Int.Cl. 7C12N 1/00 7C07K 14/00 7G01N 33/48**
[25] EN
[54] **PROTEIN BIOMARKERS THAT DISTINGUISH PROSTATE CANCER FROM NON-MALIGNANT CELLS**
[54] **BIOMARQUEURS DE PROTEINES DISTINGUANT LE CANCER DE LA PROSTATE DE CELLULES NON MALIGNES**
[72] WRIGHT, GEORGE L., JR., US
[72] CAZARES, LISA H., US
[71] EASTERN VIRGINIA MEDICAL SCHOOL, US
[85] 2004-08-20
[86] 2003-02-20 (PCT/US2003/005042)
[87] 2003-09-04 (WO2003/072710)
[30] US (60/358,986) 2002-02-21

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[25] EN
[54] **COMPOUNDS THAT MODULATE THE ACTIVITY OF PTP-1B AND TC-PTP**
[54] **COMPOSES MODULANT L'ACTIVITE DE PTP-1B ET DE TC-PTP**
[72] BARR, KENNETH, US
[72] WIESMANN, CHRISTIAN, US
[72] FAHR, BRUCE, US
[72] HANSEN, STIG, US
[71] SUNESIS PHARMACEUTICALS, INC., US
[85] 2004-08-23
[86] 2003-02-26 (PCT/US2003/005950)
[87] 2003-09-12 (WO2003/073987)
[30] US (60/361,475) 2002-03-01
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[25] FR
[54] **GRAINS ABRASIFS A BASE D'OXYNITRURE D'ALUMINIUM**
[54] **ABRASIVE PARTICLES BASED ON ALUMINIUM OXYNITRIDE**
[72] BOURLIER, FLORENT, FR
[71] PEM ABRASIFS-REFRACTAIRES, FR
[85] 2004-08-24
[86] 2003-02-24 (PCT/FR2003/000594)
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[30] FR (02/02554) 2002-02-28

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[51] **Int.Cl. 7D04H 1/14 7D04H 13/00 7D04H 1/04 7D04H 1/42**
[25] FR
[54] **MAT DE FIBRES NATURELLES ET DE VERRE**
[54] **MAT MADE FROM NATURAL FIBRES AND GLASS**
[72] ROEDERER, FRANCOIS, FR
[72] DROUX, MICHEL, FR
[72] VINET, FRANCOIS, FR
[71] SAINT-GOBAIN VETROTEX FRANCE S.A., FR
[85] 2004-08-24
[86] 2003-02-27 (PCT/FR2003/000631)
[87] 2003-09-04 (WO2003/072867)
[30] FR (02/02463) 2002-02-27

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[51] **Int.Cl. 7F25B 17/08**
[25] FR
[54] **EMBALLAGE AUTO-REFRIGERANT ET DISPOSITIF DE DECLENCHEMENT ASSOCIE**
[54] **SELF-REFRIGERATING PACKAGING AND ASSOCIATED ACTUATION DEVICE**
[72] JEUCH, PIERRE, FR
[72] FRANTZ, LIONEL, FR
[72] KHAIRALLAH, FADI, FR
[71] THERMAGEN, FR
[85] 2004-08-24
[86] 2003-02-20 (PCT/FR2003/000559)
[87] 2003-09-04 (WO2003/073019)
[30] FR (02/02521) 2002-02-28

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[54] **NOVEL COMPOSITIONS AND METHODS FOR CANCER**
[54] **NOUVELLES COMPOSITIONS ET PROCEDES DE TRAITEMENT DU CANCER**
[72] MORRIS, DAVID W., US
[71] SAGRES DISCOVERY, US
[85] 2004-08-26
[86] 2003-02-27 (PCT/US2003/006146)
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[25] EN
[54] **METAPNEUMOVIRUS STRAINS AND THEIR USE IN VACCINE FORMULATIONS AND AS VECTOR FOR EXPRESSION OF ANTIGENIC SEQUENCES**
[54] **SOUCHES DE METAPNEUMOVIRUS ET LEUR UTILISATION DANS DES PREPARATIONS VACCINALES ET COMME VECTEURS D'EXPRESSION DE SEQUENCES ANTIGENIQUES**
[72] FOUCHIER, RONALDUS ADRIANUS MARIA, NL
[72] VAN DEN HOOGEN, BERNADETTA GERARDA, NL
[72] OSTERHAUS, ALBERTUS DOMINICUS MARCELLINUS ERAS, NL
[72] TANG, RODERICK, US
[72] HALLER, AURELIA, US
[71] MEDIMMUNE VACCINES, INC., US
[71] VIRONOVATIVE BV, NL
[85] 2004-08-23
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[87] 2003-09-04 (WO2003/072719)
[30] US (60/358,934) 2002-02-21

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[13] A1
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[25] EN
[54] **AMINO-SUBSTITUTED SULFONANILIDES AND DERIVATIVES THEREOF FOR TREATING PROLIFERATIVE DISORDERS**
[54] **SULFONANILIDES A SUBSTITUTION AMINO ET LEURS DERIVES, DESTINES AU TRAITEMENT DE TROUBLES PROLIFERATIFS**
[72] REDDY, RAMANA M. V., US
[72] BELL, STANLEY C., US
[72] REDDY, PREMKUMAR E., US
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[71] ONCONOVA THERAPEUTICS, INC., US
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[86] 2003-02-28 (PCT/US2003/006358)
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[25] EN
[54] **CARTRIDGE AND PUMP WITH AXIAL LOADING**
[54] **CARTOUCHE ET POMPE A CHARGEMENT AXIAL**
[72] BLOMQUIST, MICHAEL L., US
[72] FAUST, MARK HENRY, US
[72] BYNUM, GAIL BETH, US
[72] VILKS, CLINTON S., US
[71] DELTEC, INC., US
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[30] US (10/086,646) 2002-02-28
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[13] A1
[51] **Int.Cl. 7B01D 39/00 7B29C 65/00**
[25] EN
[54] **A PROCESS FOR PREPARING SEMIPERMEABLE MEMBRANES HAVING IMPROVED PERMEABILITY**
[54] **PROCEDE POUR PREPARER DES MEMBRANES SEMI-PERMEABLES A PERMEABILITE RENFORCEE**
[72] KURTH, CHRISTOPHER J., US
[71] GE OSMONICS, INC., US
[85] 2004-08-26
[86] 2003-03-03 (PCT/US2003/006587)
[87] 2003-09-12 (WO2003/074152)
[30] US (60/360,696) 2002-03-01

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[13] A1
[51] **Int.Cl. 7A61K 9/14 7A61F 13/00 7C07H 21/04 7A61K 9/20 7C12Q 1/68**
[25] EN
[54] **METHODS AND MATERIALS FOR DETECTING GENETIC MATERIAL**
[54] **METHODES ET MATERIELS DE DETECTION DE MATERIEL GENETIQUE**
[72] BURGOYNE, LEIGH ALEXANDER, AU
[71] WHATMAN, INC., US
[85] 2004-09-07
[86] 2002-11-15 (PCT/US2002/036978)
[87] 2003-08-07 (WO2003/064993)
[30] US (60/336,005) 2001-11-15

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[25] FR
[54] **PROCEDE ET DISPOSITIF DE PILOTAGE D'UN ENSEMBLE DE RESTITUTION D'UN CHAMP ACOUSTIQUE**
[54] **METHOD AND DEVICE FOR CONTROL OF A UNIT FOR REPRODUCTION OF AN ACOUSTIC FIELD**
[72] BRUNO, REMY, FR
[72] MONTOYA, SEBASTIEN, FR
[72] LABORIE, ARNAUD, FR
[71] BRUNO, REMY, FR
[71] MONTOYA, SEBASTIEN, FR
[71] LABORIE, ARNAUD, FR
[85] 2004-08-25
[86] 2003-02-25 (PCT/FR2003/000607)
[87] 2003-09-04 (WO2003/073791)
[30] FR (02/02585) 2002-02-28

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[13] A1
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[25] FR
[54] **UTILISATION D'UN SOL ORGANIQUE DE CERIUM DANS LES PEINTURES, NOTAMMENT LES LASURES OU LES VERNIS**
[54] **USE OF AN ORGANIC SOL OF CERIUM IN PAINTS, PARTICULARLY LACQUERS AND VARNISHES**
[72] BOUSSEAU, JEAN-NOEL, FR
[72] ECHALIER, BRUNO, FR
[72] FAUCHADOUR, DAVID, FR
[71] RHODIA ELECTRONICS AND CATALYSIS, FR
[85] 2004-08-25
[86] 2003-02-26 (PCT/FR2003/000624)
[87] 2003-09-04 (WO2003/072663)
[30] FR (02/02470) 2002-02-27

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[13] A1
[51] **Int.Cl. 7C08K 9/06 7C08L 83/04 7B29C 33/38**
[25] FR
[54] **UTILISATION D'UNE SILICE PRETRAITEE DANS UNE COMPOSITION SILICONE RETICULABLE PAR POLYCONDENSATION, COMME AGENT DE STABILISATION DE MOULES OBTENUS A PARTIR DE CETTE COMPOSITION**
[54] **USE OF A PRETREATED SILICA IN A SILICONE COMPOSITION CROSSLINKABLE BY POLYCONDENSATION, AS AGENT FOR STABILIZING MOULDS OBTAINED FROM SAID COMPOSITION**
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[72] HOWE, FABIENNE, FR
[71] RHODIA CHIMIE, FR
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[54] **CHEMICAL IGF-I COMPOSITION FOR THE TREATMENT AND PREVENTION OF NEURODEGENERATIVE DISEASES**
[54] **COMPOSITION CHIMIQUE DE IGF-I UTILISEE DANS LE TRAITEMENT ET LA PREVENTION DE MALADIES NEURODEGENERATIVES**
[72] TORRADO DURAN, SANTIAGO, ES
[72] TORRADO DURAN, JUAN JOSE, ES
[72] TORRES ALEMAN, IGNACIO, ES
[72] CARRO DIAZ, EVA MARIA, ES
[72] LOPEZ LOPEZ, CRISTINA, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[71] UNIVERSIDAD COMPLUTENSE DE MADRID, ES
[71] CARRASCOSA, CELIA, ES
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[54] **QUANTITATIVE ASSAY FOR THE SIMULTANEOUS DETECTION AND SPECIATION OF BACTERIAL INFECTIONS**
[54] **ANALYSE QUANTITATIVE POUR DETECTION ET SPECIATION SIMULTANEES D'INFECTIONS BACTERIENNES**
[72] ROTHMAN, RICHARD ERIC, US
[72] KELEN, GABOR DAVID, US
[72] YANG, SAMUEL, US
[72] LIN, SHIN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[25] EN
[54] **MONOCLONAL AND POLYCLONAL ANTIBODIES RECOGNIZING COAGULASE-NEGATIVE STAPHYLOCOCCAL PROTEINS**
[54] **ANTICORPS MONOCLONAUX ET POLYCLONAUX RECONNAISSANT DES PROTEINES STAPHYLOCOQUES A COAGULASE NEGATIVE**
[72] PATEL, PRATISKSHA, US
[72] ROBBINS, JEFF, US
[72] VERNACHIO, JOHN, US
[72] HOOK, MAGNUS, US
[72] PATTI, JOSEPH M., US
[72] DOMANSKI, PAUL, US
[72] HUTCHINS, JEFF T., US
[72] BOWDEN, MARIA G., US
[72] HALL, ANDREA, US
[71] INHIBITEX, INC., US
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US
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[54] **COMBINAISON CHIMIOTHERAPIE ET ANTISENS DE LA DNA DEMETHYLASE**
[54] **DNA DEMETHYLASE ANTISENSE AND CHEMOTHERAPY COMBINATION**
[72] SCHERMAN, DANIEL, FR
[72] BIGEY, PASCAL, FR
[72] IVANOV, MARIE-ANGES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **PROCEDE DE PRODUCTION DE SEMENCES HYBRIDES DE MAIS**
[54] **NOVEL METHOD FOR THE PRODUCTION OF HYBRID MAIZE SEEDS**
[72] GERENTES, DENISE, FR
[72] LEVADOUX, SYLVAIN, FR
[72] PEREZ, PASCUAL, FR
[71] BIOGEMMA, FR
[85] 2004-09-07
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[51] **Int.Cl. 7A61K 39/395 7G01N 33/53**
[25] EN
[54] **THE PREVENTION OR TREATMENT OF CANCER USING INTEGRIN ALPHAVBETA3 ANTAGONISTS IN COMBINATION WITH OTHER AGENTS**
[54] **PREVENTION OU TRAITEMENT DE CANCER AU MOYEN D'ANTAGONISTES DE L'INTEGRINE ALPHAVBETA3 COMBINES A D'AUTRES AGENTS**
[72] KIENER, PETER, US
[72] HEINRICHS, JON, US
[72] DORMITZER, MELISSA, US
[72] WALSH, WILLIAM, US
[72] WOESSNER, RICHARD, US
[71] MEDIMMUNE, INC., US
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[25] EN
[54] **AMINO ACID-PRODUCING BACTERIA AND A PROCESS FOR PREPARING L-AMINO ACIDS**
[54] **BACTERIE PRODUCTRICE D'AMINOACIDES ET PROCEDE DE PREPARATION DE L-AMINOACIDES**
[72] RIEPING, MECHTHILD, DE
[72] SIEBELT, NICOLE, DE
[71] DEGUSSA AG, DE
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[25] EN
[54] **METHOD FOR PRODUCING POLYESTER EXTRA FINE MULTI-FILAMENT YARN AND POLYESTER EXTRA FINE FALSE TWIST TEXTURED YARN, POLYESTER EXTRA FINE MULTI-FILAMENT YARN, AND POLYESTER EXTRA-FINE FALSE TWIST TEXTURED YARN**
[54] **PROCEDE POUR PRODUIRE UN FIL MULTIFILAMENT EXTRA-FIN EN POLYESTER ET UN FIL TEXTURE PAR FAUSSE TORSION EXTRA-FIN EN POLYESTER, FIL MULTIFILAMENT EXTRA-FIN EN POLYESTER ET FIL TEXTURE PAR FAUSSE TORSION EXTRA-FIN EN POLYESTER**
[72] OSAKA, HIROYUKI, JP
[72] NAGAMUNE, SATOSHI, JP
[72] KONISHI, MASAHIRO, JP
[71] TEIJIN FIBERS LIMITED, JP
[85] 2004-09-07
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[25] EN
[54] **GNTIII (UDP-N-ACETYLGLUCOSAMINE:BETA-D MANNOSIDE BETA (1,4)-N-ACETYLGLUCOSAMINYLTRANSFERASE III) EXPRESSION IN PLANTS**
[54] **EXPRESSION DE GNTIII DANS DES PLANTES**
[72] BAKKER, HENDRIKUS ANTONIUS CORNELIS, DE
[72] BOSCH, HENDRIK JAN, NL
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, NL
[71] PLANT RESEARCH INTERNATIONAL B.V., NL
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[25] EN
[54] **OPTIMIZING GLYCAN PROCESSING IN PLANTS**
[54] **OPTIMISATION DU TRAITEMENT DU GLYCANE CHEZ LES PLANTES**
[72] BAKKER, HENDRIKUS ANTONIUS CORNELIS, DE
[72] ROUWENDAL, GERARD JOHAN ADOLPH, NL
[72] BOSCH, HENDRIK JAN, NL
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, NL
[71] PLANT RESEARCH INTERNATIONAL B.V., NL
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[25] EN
[54] **N-(SUBSTITUTED BENZYL)-8-HYDROXY-1,6-NAPHTHYRIDINE-7-CARBOXAMIDES USEFUL AS HIV INTEGRASE INHIBITORS**
[54] **N-(BENZYL SUBSTITUE)-8-HYDROXY-1,6-NAPHTHYRIDINE-7-CARBOXAMIDES UTILES EN TANT QU'INHIBITEURS D'INTEGRASE DE HIV**
[72] EMBREY, MARK, US
[72] EGBERTSON, MELISSA, US
[72] LANGFORD, H. MARIE, US
[72] MELAMED, JEFFREY Y., US
[72] HAN, WEI, US
[72] PERLOW, DEBBIE S., US
[72] WAI, JOHN S., US
[72] ZHUANG, LINGHANG, US
[71] MERCK & CO., INC., US
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[51] **Int.Cl. 7C01B 31/04 7H01M 4/58**
[25] FR
[54] **PROCEDE DE PURIFICATION EN SURFACE D'UN GRAPHITE CONTENANT DES IMPURETES A L'AIDE D'UNE SOLUTION AQUEUSE DILUEE DE NH4F ET DE H2SO4**
[54] **METHOD FOR THE SURFACE PURIFICATION OF A GRAPHITE CONTAINING IMPURITIES USING A DILUTE AQUEOUS SOLUTION OF NH4F AND H2SO4**
[72] KINOSHITA, KIMIO, US
[72] ARMAND, MICHEL, CA
[72] ZAGHIB, KARIM, CA
[72] GUERFI, ABDELBAST, CA
[72] GAGNON, CLAUDE, CA
[71] HYDRO QUEBEC, CA
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[25] EN
[54] **MULTIDRUG MULTILIGAND CONJUGATES FOR TARGETED DRUG DELIVERY**
[54] **CONJUGUES DE PLUSIEURS MEDICAMENTS ET LIGANDS POUR L'ADMINISTRATION CIBLE DE MEDICAMENT**
[72] SAFAVY, AHMAD, US
[71] THE UAB RESEARCH FOUNDATION, US
[85] 2004-04-26
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[25] FR
[54] **MAT DE FILS COUPES PAR VOTE HUMIDE**
[54] **WET PROCESS CHOPPED FIBER MAT PRODUCTION**
[72] DROUX, MICHEL, FR
[71] SAINT-GOBAIN VETROTEX FRANCE S.A., FR
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[51] **Int.Cl. 7E04B 1/70**
[25] FR
[54] **PROCEDE, DISPOSITIF ET INSTALLATION POUR DESHUMIDIFIER UN OUVRAGE TEL QU'UN MUR**
[54] **METHOD, DEVICE AND INSTALLATION FOR DEHUMIDIFYING A STRUCTURE SUCH AS A WALL**
[72] GASTALDI, ANDRE, FR
[72] GASTALDI, THOMAS, FR
[71] GASTALDI, ANDRE, FR
[71] GASTALDI, THOMAS, FR
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[30] FR (02/03392) 2002-03-19

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[51] **Int.Cl. 7A61K 9/06**
[25] FR
[54] **COMPOSITION A PROPRIETES GELIFIANTES DESTINEE A LA DELIVRANCE PROLONGEE DE SUBSTANCES BIO-ACTIVES**
[54] **COMPOSITION HAVING GELLING PROPERTIES FOR THE PROLONGED DELIVERY OF BIOACTIVE SUBSTANCES**
[72] LEROUX, JEAN-CHRISTOPHE, CA
[72] COUFFIN-HOARAU, ANNE-CLAUDE, CA
[71] ETHYPHARM, FR
[71] UNIVERSITE DE MONTREAL, CA
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[54] **ANTICORPS ANTI-$G(A)V$G(B)6**
[72] WEINREB, PAUL H., US
[72] VIOLETTE, SHELIA M., US
[72] LEONE, DIANE R., US
[72] SIMON, KENNETH J., US
[72] SHEPPARD, DEAN, US
[71] BIOGEN, INC., US
[71] THE UNIVERSITY OF CALIFORNIA, US
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[25] FR
[54] **GENES REGULATEURS DE L'ANGIOGENESE, PREPARATIONS PHARMACEUTIQUES LES CONTENANT ET LEURS APPLICATIONS**
[54] **ANGIOGENESIS REGULATOR GENES, PHARMACEUTICAL PREPARATIONS CONTAINING SAME AND USES THEREOF**
[72] COLIN, SYLVIE, FR
[72] SCHNEIDER, CHRISTOPHE, FR
[72] AL-MAHMOOD, SALMAN, FR
[71] GENE SIGNAL, FR
[85] 2004-09-10
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[30] FR (02/03655) 2002-03-22

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[25] FR
[54] **DISPOSITIF ET COUVERCLE PERMETTANT L'ACCES AUX ECHANTILLONS D'UNE "PLAQUE" D'ECHANTILLONNAGE**
[54] **DEVICE AND COVER PROVIDING ACCESS TO SAMPLES IN A SAMPLE PLATE**
[72] BENECH, PHILIPPE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR
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[30] FR (02/3786) 2002-03-26

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[51] **Int.Cl. 7A61F 2/44**
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[54] **IMPLANT INTERVERTEBRAL DYNAMIQUE**
[54] **DYNAMIC INTERVERTEBRAL IMPLANT**
[72] MATGE, GUY, LU
[72] MARTIN, JEAN-JACQUES, FR
[71] FIXANO, FR
[85] 2004-09-10
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[87] 2003-09-25 (WO2003/077806)
[30] FR (02/03252) 2002-03-15

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[51] **Int.Cl. 7H04L 29/06**
[25] FR
[54] **PROCEDE DE SELECTION ET DE TRI DE PAQUETS DE DONNEES.**
[54] **METHOD OF SELECTING AND SORTING PACKETS PROVIDED TO A PIECE OF EQUIPMENT BY A DATA PACKET TRANSMISSION NETWORK**
[72] PITOT, CHRISTIAN, FR
[72] COLAS, GERARD, FR
[71] THALES, FR
[85] 2004-09-10
[86] 2003-03-07 (PCT/FR2003/000745)
[87] 2003-09-25 (WO2003/079632)
[30] FR (02/03257) 2002-03-15

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[51] **Int.Cl. 7C12Q 1/68 7G01N 33/53**
[25] EN
[54] **GENE EXPRESSION PROFILING IN BIOPSIED TUMOR TISSUES**
[54] **PROFILAGE D'EXPRESSION GENIQUE DANS DES TISSUS TUMORAUX PONCTIONNES**
[72] BAKER, JOFFRE B., US
[72] WALKER, MICHAEL G., US
[72] KIEFER, MICHAEL C., US
[72] CRONIN, MAUREEN T., US
[72] SHAK, STEVE, US
[71] GENOMIC HEALTH, US
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[51] **Int.Cl. 7A61K 39/00 7A61K 39/145 7A61K 39/395 7A61K 39/42 7C12Q 1/70**
[25] EN
[54] **HUMAN MONOCLONAL ANTIBODIES TO INFLUENZA M2 PROTEIN AND METHODS OF MAKING AND USING SAME**
[54] **ANTICORPS MONOCLONAUX HUMAINS DIRIGES CONTRE LA PROTEINE M2 DU VIRUS DE LA GRIPPE ET METHODES DE PRODUCTION ET D'UTILISATION DE CEUX-CI**
[72] MIKAYAMA, TOSHIFUMI, JP
[72] WANG, RONGFANG, US
[72] KATO, SHINICHIRO, US
[72] CHEROUTRE, HILDE, US
[71] KIRIN BEER KABUSHIKI KAISHA, JP
[71] LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY, US
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[51] **Int.Cl. 7C12N 15/09 7C12N 9/00 7C12N 15/00 7C07H 21/04 7C12N 1/20 7C12N 9/90**
[25] EN
[54] **METHOD FOR OVEREXPRESSION OF ZWITTERIONIC POLYSACCHARIDES**
[54] **PROCEDE DE SUREXPRESSION DE POLYSACCHARIDES ZWITTERIONIQUES**
[72] COYNE, MICHAEL J., US
[72] COMSTOCK, LAURIE E., US
[72] TZIANABOS, ARTHUR O., US
[72] WEINACHT, KATJA G., DE
[72] KASPER, DENIS L., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2004-09-10
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[87] 2003-09-25 (WO2003/077863)
[30] US (60/364,168) 2002-03-13

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[51] **Int.Cl. 7B64C 39/04 7B64C 37/02**
[25] FR
[54] **AVION A TROIS FUSELAGES ET FAMILLES D'AVIONS DE CE TYPE**
[54] **TRIPLE-FUSELAGE AIRCRAFT AND FAMILIES OF AIRCRAFT OF SAID TYPE**
[72] ARMAND, GEORGES C.A., CA
[71] SOPRAVIA INC., CA
[85] 2004-09-15
[86] 2003-03-21 (PCT/EP2003/002992)
[87] 2003-10-02 (WO2003/080436)
[30] FR (02/03641) 2002-03-22

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[51] **Int.Cl. 7A61K 9/22 7A61K 31/135**
[25] EN
[54] **SUSTAINED RELEASE FORMULATION OF TRAMADOL**
[54] **FORMULE DE TRAMADOL A LIBERATION PROLONGEE**
[72] EIVASKHANI, REZA, DE
[72] MERKLE, STEFAN, DE
[72] BRAUN, CHRISTIAN, DE
[71] CILAG AG, CH
[85] 2004-09-15
[86] 2003-03-21 (PCT/EP2003/003050)
[87] 2003-10-02 (WO2003/080031)
[30] EP (02076130.0) 2002-03-22

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[51] **Int.Cl. 7G06T 17/00**
[25] EN
[54] **IMPROVED TERRAIN RENDERING IN A THREE-DIMENSIONAL ENVIRONMENT**
[54] **RENDU DU TERRAIN AMELIORE DANS UN ENVIRONNEMENT TRIDIMENSIONNEL**
[72] SANZ-PASTOR, IGNACIO, US
[72] MORGAN, DAVID L., III, US
[71] AECHELON TECHNOLOGY, INC., US
[85] 2004-09-15
[86] 2003-03-19 (PCT/US2003/008727)
[87] 2003-10-02 (WO2003/081537)
[30] US (10/102,234) 2002-03-19

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[51] **Int.Cl. 7C08J 9/28 7C08L 25/16**
[25] FR
[54] **AEROGEL A BASE D'UN POLYMERE OU COPOLYMERE HYDROCARBONE ET LEUR PROCEDE DE PREPARATION.**
[54] **HYDROCARBON COPOLYMER OR POLYMER BASED AEROGEL AND METHOD FOR THE PREPARATION THEREOF**
[72] WIECZOREK, LAURENT, FR
[72] KOCON, LAURENT, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[85] 2004-09-15
[86] 2003-03-18 (PCT/FR2003/000857)
[87] 2003-09-25 (WO2003/078505)
[30] FR (02/03462) 2002-03-20

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[51] **Int.Cl. 7D21H 13/16 7D21H 25/04 7D21H 15/06 7D21H 13/40**
[25] FR
[54] **VOILE A LIANT FIBRE PVOH**
[54] **VEIL WITH A PVOH FIBRE BINDING AGENT**
[72] DROUX, MICHEL, FR
[71] SAINT-GOBAIN VETROTEX FRANCE S.A., FR
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[54] **METHOD OF MODELLING THE PRODUCTION OF HYDROCARBONS BY A SUBSURFACE DEPOSIT WHICH ARE SUBJECT TO DEPLETION**
[72] LENORMAND, ROLAND, FR
[72] BAUGET, FABRICE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
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[54] **PROCEDE ET DISPOSITIF DE CONDUITE D'UN TUNNEL CRYOGENIQUE, TUNNEL CRYOGENIQUE ASSOCIE**
[54] **OPERATIONAL METHOD FOR A CRYOGENIC TUNNEL (1)**
[72] PATHIER, DIDIER, FR
[72] CLOAREC, ALAIN, FR
[72] TAYLOR, ROBERT, BE
[71] L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE P OUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **AGRICULTURAL CUTTER COMPRISING A CARRIER VEHICLE AND SEVERAL WORK UNITS**
[72] HIRONIMUS, JEANNOT, FR
[72] BONNIN, DAVID, FR
[72] STUTZMANN, OLIVIER, FR
[72] NEUERBURG, HORST, FR
[71] KUHN S.A., FR
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[72] MCKERNAN, PATRICIA A., US
[71] ZYMOGENETICS, INC., US
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[54] **AGENTS CHIMIOTHERAPEUTIQES UTILISES EN TANT QU'ADJUVANTS VACCINAUX CONTRE LE CANCER ET PROCEDES THERAPEUTIQUES CORRESPONDANTS**
[72] SIMARD, ERIC, CA
[72] GOYETTE, PHILIPPE, CA
[72] LEMIEUX, PIERRE, CA
[71] TECHNOLOGIES BIOLACTIS INC., CA
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[54] **PROFILE TRANSITION RAIL AND METHOD FOR PRODUCING SAID RAIL**
[54] **RAIL DE RACCORDEMENT ET PROCEDE DE REALISATION ASSOCIE**
[72] HOELZL, WOLFGANG, AT
[72] JAEGER, HELMUT, AT
[71] VAE EISENBAHNSYSTEME GMBH, AT
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[54] **ACTIONNEUR GYROSCOPIQUE DE PILOTAGE DE L'ATTITUDE D'UN VEHICULE SPATIAL**
[54] **CONTROL MOMENT GYRO FOR ATTITUDE CONTROL OF A SPACECRAFT**
[72] GUAY, PASCAL, FR
[72] DEFENDINI, ANGE, FR
[72] FAUCHEUX, PHILIPPE, FR
[71] ASTRIUM SAS, FR
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[54] **METHOD FOR TREATING A SIGNAL IN THE PRESENCE OF INTERFERENCE**
[72] REVOL, MARC, FR
[72] COATANTIEC, BLANDINE, FR
[72] MARTIN, NICOLAS, FR
[72] ISSLER, JEAN-LUC, FR
[71] THALES, FR
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[54] **OLIGOMERES PNA, ENSEMBLES D'OLIGOMERES, PROCEDES ET TROUSSES RELATIFS A LA DETECTION DE BACILLUS ANTHRACIS**
[72] HYLDIG-NIELSEN, JENS J., US
[72] STENDER, HENRIK, DK
[71] BOSTON PROBES, INC., US
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[54] **METHODE DE GESTION DES DROITS DUN CONTENU ENCRYPTE ET STOCKE SUR UN ENREGISTREUR NUMERIQUE PERSONNEL**
[54] **METHOD FOR MANAGING THE RIGHTS OF AN ENCRYPTED CONTENT STORED ON A PERSONAL DIGITAL RECORDER**
[72] SASSELLI, MARCO, CH
[71] NAGRAVISION S.A., CH
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[54] **ESTERS DE POLYOL POLYMERIQUES A PARTIR DE POLYOLS TRIHYDRIQUES UTILES DANS LE TRAVAIL DE METAUX A SOLUBILITE AMELIOREE**
[72] KIMES, JOHN A., US
[72] PATEL, HARISH R., US
[71] THE LUBRIZOL CORPORATION, US
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[54] **DISPOSITIF DE LUBRIFICATION ET/OU DE RANGEMENT D'UN POINTEAU DE GONFLAGE**
[72] NAHUYSEN, PETER JOHN, AU
[71] COACH FLANNIGAN ENTERPRISE PTY LTD., AU
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[25] EN
[54] **SUBSTITUTED 2,3-DIPHENYL PYRIDINES**
[54] **2,3-DIPHENYL-PYRIDINES SUBSTITUEES**
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[72] TOUPENCE, RICHARD B., US
[72] DEBENHAM, JOHN S., US
[72] FINKE, PAUL E., US
[72] WALSH, THOMAS F., US
[71] MERCK & CO., INC., US
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[54] **COTTON RAT LUNG CELLS FOR VIRUS CULTURE**
[54] **CELLULES PULMONAIRES DU RAT DES COTONNIERS POUR LA CULTURE DE VIRUS**
[72] DAVID, FREDERIC R., US
[72] REDDY, SUDHIR K., US
[72] TANNER, MICHAEL E., US
[71] MERIAL LIMITED, US
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[54] **PIOGLITAZONE A PARTICULES DE TAILLE FINE**
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[72] SAMBURSKI, GUY, IL
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
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[25] EN
[54] **TEST SYSTEM FOR EVALUATING THE COMPATIBILITY OF BIOLOGICALLY ACTIVE SUBSTANCES WITH COPOLYMERS**
[54] **SYSTEME D'ESSAI PERMETTANT D'EVALUER LA COMPATIBILITE DE SUBSTANCES BIOLOGIQUEMENT ACTIVES AVEC DES COPOLYMERES**
[72] LIEPOLD, BERND, DE
[72] BREITENBACH, JOERG, DE
[71] ABBOTT GMBH & CO. KG., DE
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[54] **APPAREIL D'INHALATION**
[72] STEINER, SOLOMON S., US
[72] POOLE, TRENT, US
[71] MANNKIND CORPORATION, US
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[51] **Int.Cl. 7F24H 1/10 7H05B 3/40**
[25] EN
[54] **HOT RUNNER HEATER DEVICE AND METHOD OF MANUFACTURE THEREOF**
[54] **DISPOSITIF DE CHAUFFAGE A CANAUX CHAUFFES ET SON PROCEDE DE FABRICATION**
[72] SUTORIUS, RICH, US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
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[25] EN
[54] **NOVEL BACILLUS THURINGIENSIS INSECTICIDAL PROTEINS**
[54] **NOUVELLES PROTEINES INSECTICIDES ISSUES DU BACILLUS THURINGIENSIS**
[72] VAN RIE, JEROEN, BE
[72] VANNESTE, STIJN, BE
[72] BOETS, ANNEMIE, BE
[72] ARNAUT, GRETA, BE
[72] DE RUDDER, KAREL, NL
[71] BAYER BIOSCIENCE N.V., BE
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[54] **SYSTEM AND METHOD OF MESSAGE SELECTION AND TARGET AUDIENCE OPTIMIZATION**
[54] **SYSTEME ET PROCEDE DE SELECTION DE MESSAGES ET D'OPTIMISATION DE L'AUDIENCE CIBLE**
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[71] SCHUMANN, DOUGLAS F., US
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[54] **ANTISENSE CALPAIN NUCLEOTIDES AND USES THEREOF**
[54] **NUCLEOTIDES DE CALPAINE ANTISENS ET UTILISATIONS CORRESPONDANTES**
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[72] ZHANG, ZHIYING, CA
[71] UNIVERSITE DE MONTREAL, CA
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[54] **WIRELESS APPARATUS AND METHOD FOR ANALYSIS OF DRIVEN PILES**
[54] **APPAREIL RADIO ET PROCEDE D'ANALYSE DE PIEUX BATTUS**
[72] SCHOFIELD, SIDNEY L., US
[72] ALVAREZ, VICTOR H., US
[72] BROWARD, CHARLES S., III, US
[72] PUTCHA, SASTRY, US
[72] MCVAY, MICHAEL C., US
[71] UNIVERSITY OF FLORIDA, US
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF RESIN PREPREGS WITH LIQUID REINFORCER FOR NON-WOVEN OR TEXTILE MATERIAL AND COMPONENTS MADE FROM SAID RESIN PREPREGS**
[54] **PROCEDE DE FABRICATION DE MATS IMPREGNES DE RESINE A RENFORT TEXTILE OU PAR NON-TISSES ET COMPOSANTS PRODUITS A PARTIR DE CES MATS IMPREGNES DE RESINE**
[72] HOERSTING, KARLHEINZ, DE
[72] STEGER, GERHARD, DE
[72] KUEHFUSZ, RUDOLF, DE
[71] MENZOLIT FIBRON GMBH, DE
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[54] **AMPLIFICATEURS OPTIQUES**
[72] PEGG, STEVEN IAN, GB
[71] MARCONI UK INTELLECTUAL PROPERTY LTD, GB
[85] 2004-09-20
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[54] **SYSTEME DE COMPACTAGE DE MATIERES PAR PETITS PAS**
[72] BYRNE, LAURENCE MICHAEL, AU
[71] BYRNE TRAILER MANUFACTURING (WAGGA WAGGA) PTY LTD, AU
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[54] **LIQUID CLEANING COMPOSITION HAVING AN IMPROVED PRESERVATIVE SYSTEM**
[54] **COMPOSITION NETTOYANTE LIQUIDE CONTENANT UN SYSTEME DE CONSERVATION AMELIORE**
[72] DRAPIER, JULIEN, BE
[72] MERTENS, BAUDOUIN, BE
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2004-09-20
[86] 2003-03-19 (PCT/US2003/008356)
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[30] US (10/103,167) 2002-03-21

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[54] **AN EPHRIN-B RECEPTOR PROTEIN INVOLVED IN CARCINOMA**
[54] **PROTEINE IMPLIQUEE DANS LE CARCINOME**
[72] PATEL, SONAL, GB
[72] TERRETT, JONATHAN ALEXANDER, GB
[72] HUDSON, LINDSEY JANE, GB
[72] FLETCHER, GRAHAM CHARLES, GB
[72] BOYD, ROBERT SIMON, GB
[71] OXFORD GLYCOSCIENCES (UK) LTD., GB
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[25] EN
[54] **LIQUID CLEANING COMPOSITION CONTAINING A PRESERVATIVE AND AN EFFECTIVE CHELATING AGENT**
[54] **LIQUIDE DE NETTOYAGE CONTENANT UN AGENT CONSERVATEUR ET UN AGENT CHELATEUR**
[72] DRAPIER, JULIEN, BE
[72] MERTENS, BAUDOUIN, BE
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **MILD ANTIBACTERIAL LIQUID DISH CLEANING COMPOSITIONS CONTAINING PEROXIDE**
[54] **LIQUIDE POUR VAISSELLE LEGEREMENT ANTIBACTERIEN A BASE DE PEROXYDE**
[72] ARVANITIDOU, EVANGELIA, US
[72] SURIANO, DAVID, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[86] 2003-03-19 (PCT/US2003/008363)
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[51] **Int.Cl. 7H01L 41/09**
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[54] **PIEZOELECTRIC ACTUATOR FOR MOVING FOLDED-BACK ARMS**
[54] **APPAREIL PERMETTANT DE DEPLACER DES BRAS REPLIES COMPORTANT UNE PAIRE DE SURFACES OPPOSEES EN REPONSE A UNE ACTIVATION ELECTRIQUE**
[72] BUGEL, JOHN ANTHONY, US
[72] MOLER, JEFF, US
[71] VIKING TECHNOLOGIES, L. C., US
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[51] **Int.Cl. 7C11D 1/94 7C11D 3/00 7C11D 3/20 7C11D 3/37**
[25] EN
[54] **ANTIBACTERIAL LIQUID DISH CLEANING COMPOSITIONS**
[54] **COMPOSITIONS ANTIBACTERIENNE LIQUIDE POUR LA VAISSELLE**
[72] SURIANO, DAVID, US
[72] ARVANITIDOU, EVANGELIA, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2004-09-20
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[87] 2003-10-02 (WO2003/080783)
[30] US (10/103,302) 2002-03-21

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[25] EN
[54] **FOAMSTABLE ANTIMICROBIAL LIQUID DISH CLEANING COMPOSITIONS**
[54] **COMPOSITIONS DETERGENTES LIQUIDES ANTIMICROBIENNES POUR LA VAISSELLE A MOUSSAGE STABLE**
[72] ARVANITIDOU, EVANGELIA, US
[72] SURIANO, DAVID, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[30] US (10/103,302) 2002-03-21
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[51] **Int.Cl. 7C11D 3/00 7C11D 3/37**
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[54] **COMPOSITION ANTIBACTERIENNE ANTI-TARTRE**
[72] ZOCCHI, GERMAINE, BE
[72] MAHIEU, MARIANNE, BE
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[72] SURIANO, DAVID, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **MICROSCALE SENSOR ELEMENT AND RELATED DEVICE AND METHOD OF MANUFACTURE**
[54] **MICRODETECTEUR ET DISPOSITIF S'Y RAPPORTANT, ET PROCEDE DE FABRICATION**
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[72] PEPPAS, NICHOLAS A., US
[72] GUPTA, AMIT K., US
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[72] SINELNIKOV, ALEX, US
[72] MICALI, SILVIO, US
[72] LIBIN, PHIL, US
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[54] **APPAREIL D'IONISATION ET PROCEDE POUR UN SYSTEME DE SPECTROMETRE DE MASSE**
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[72] MAKAROV, ALEXANDER A., GB
[71] THERMO FINNIGAN, LLC, US
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[54] **PROCEDE DE REDUCTION DE LA RESISTIVITE DE PLAQUES A CHAMP D'ECOULEMENT CONDUCTRICES A UTILISER DANS DES PILES A COMBUSTIBLE**
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[72] FISHER, JOHN, CA
[72] CHOPRA, DIVYA, CA
[71] E.I. DU PONT CANADA COMPANY, CA
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[54] **AMUSE-GUEULE A BASE DE RIZ ET PROCEDE DE FABRICATION ASSOCIE**
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[71] GRELL, LARRY R., US
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[54] **ENSEMBLE DE BROSSE A DENTS**
[72] SPROSTA, AL, US
[72] TRAFICANT, BRETT, US
[72] PAK, NANCY WON MEE, US
[72] KEMP, JAMES, US
[72] JIMENEZ, EDUARDO, US
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[54] **SYSTEME ET PROCEDE D'EVALUATION D'EVEIL, DE DOULEUR ET DE TENSION PENDANT L'ANESTHESIE ET LA SEDATION**
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[72] GREENWALD, SCOTT D., US
[71] ASPECT MEDICAL SYSTEMS, INC., US
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[54] **TETRAHYDROISOQUINOLEINES SUBSTITUEES SERVANT DE MODULATEURS DU RECEPTEUR C5A**
[72] ZHANG, LUYAN, US
[72] OHLIGER, ROBERT, US
[72] MITCHELL, SCOTT, US
[72] ZHAO, HE, US
[72] CURRIE, KEVIN, US
[72] LEE, KYUNGAE, US
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[54] **SYSTEME, PROCEDE ET PRODUIT-PROGRAMME INFORMATIQUE POUR LA MISE AU POINT D'UN PROGRAMME DE CONTRASTE**
[72] REGE, ASHUTOSH G., US
[72] DIETRICH, DOUGLAS SIM, JR., US
[72] MAUGHAN, CHRISTOPHER T., GB
[71] NVIDIA CORPORATION, US
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[54] **PIPERAZINE SUBSTITUTED ARYL BENZODIAZEPINES AND THEIR USE AS DOPAMINE RECEPTOR ANTAGONISTS FOR THE TREATMENT OF PSYCHOTIC DISORDERS**
[54] **ARYLES BENZODIAZEPINES A SUBSTITUTION DE PIPERAZINE ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DE RECEPTEUR DE DOPAMINE DANS LE TRAITEMENT DE TROUBLES PSYCHOTIQUES**
[72] AICHER, THOMAS DANIEL, US
[72] THOMPSON, DENNIS CHARLES, US
[72] LE HUEROU, YVAN, US
[72] KRUSHINSKI, JOSEPH HERMAN JR., US
[72] SCHAUS, JOHN MEHNERT, US
[72] TUPPER, DAVID EDWARD, GB
[72] CHEN, ZHAOGEN, US
[72] PINEIRO-NUNEZ, MARTA MARIA, US
[72] FAUL, MARGARET MARY, US
[72] RULEY, KEVIN MICHAEL, US
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[54] **TRANSMISSION PAR RELAIS D'INDICATIONS D'ATTENTE DE MESSAGES POUR SUPPORTER DES RESEAUX TELEPHONIQUES REPARTIS**
[72] INAMPUDI, KISHORE, US
[72] TASKER, MICHAEL E., US
[72] SHARMA, ANIL, US
[71] CISCO TECHNOLOGY, INC., US
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[54] **NOUVEAUX POLYMERES CATIONIQUES CONTENANT DES GROUPES AMIDINIUM ET LEUR UTILISATION**
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[71] CREAVIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH, DE
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[54] **FACILITATION DE MESSAGERIE INSTANTANEE EN DEHORS D'UN GROUPE D'AMIS DEFINI PAR L'UTILISATEUR DANS UN ENVIRONNEMENT FILAIRE ET SANS FIL**
[72] ROBINSON, ALEX B., US
[72] LONGE, MICHAEL, US
[72] CAREY, CHARLES A., US
[72] PARR, JOE, US
[71] AMERICA ONLINE INCORPORATED, US
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[54] **APPAREIL POUR MISE EN PLACE ET RETRAIT D'UNE CHAUSSETTE DE CONTENTION**
[54] **DEVICE FOR PUTTING ON AND TAKING OFF A SUPPORT SOCK**
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[71] DELAMARE, MICHEL, FR
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[54] **SYSTEME DE SURVEILLANCE PHYSIOLOGIQUE PASSIVE (P2M)**
[72] SULLIVAN, PATRICK K., US
[72] SULLIVAN, CHRISTOPHER J., US
[72] CHEUNG, KEN C.K., US
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[54] **INSTRUMENT CHIRURGICAL DE SUTURE ET SON PROCEDE D'UTILISATION**
[72] SANCOFF, GREGORY E., US
[72] FOGG, DOUGLAS A., US
[72] FIELD, FREDERIC P., US
[71] DVL ACQUISITION SUB, INC., US
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[54] **CIRCULAR STAPLER BUTTRESS COMBINATION**
[54] **COMBINAISON DE RENFORT D'AGRAFEUSE CIRCULAIRE**
[72] KLUESTER, WILLIAM F., US
[72] ORAY, NICHOLAS B., US
[72] MOORADIAN, DANIEL L., US
[71] SYNOVIS LIFE TECHNOLOGIES, INC., US
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[54] **DISTRIBUTEUR ET CARTOUCHE**
[72] LANZILOTTI, MICHAEL G., US
[72] BATES, MARK, US
[72] HUNTER, GREGORY H., US
[72] LAWTER, JAMES R., US
[71] ORAPHARMA, INC., US
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[72] SCHULTZ, CHARLES J., US
[71] DENTSPLY INTERNATIONAL, INC., US
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[54] **COMPOSITION THERMOREVERSIBLE DESTINEE AU TRAITEMENT DES HYPOSIALIES ET ASIALIES**
[54] **HEAT-REVERSIBLE COMPOSITION TREATING HYPOSALIA AND ASIALIA**
[72] AUZERIE, JACK, FR
[71] ELLIPSE PHARMACEUTICALS, FR
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[25] FR
[54] **COMPOSITION TOPIQUE A BASE DE RESINES ECHANGEUSES D'IONS, NOTAMMENT POUR LE TRAITEMENT DES ERYTHEMES**
[54] **TOPICAL COMPOSITION BASED ON ION-EXCHANGE RESINS, IN PARTICULAR FOR TREATING ERYTHEMAS**
[72] AUZERIE, JACK, FR
[71] ELLIPSE PHARMACEUTICALS, FR
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[54] **HISTONE DEACETYLASE: NOVEL MOLECULAR TARGET OF NEUROTOXICITY**
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[72] RESINK, ANNELIES, FR
[71] EXHONIT THERAPEUTICS SA, FR
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[54] **UTILISATION DE COMPOSES COMPRENANT UNE STRUCTURE OSIDIQUE EN TANT QUE PRODUITS PHYTOSANITAIRES ET BIOFERTILISANTS**
[54] **USE OF COMPOUNDS COMPRISING A POLYSACCHARIDE STRUCTURE AS BIOFERTILISER AND PHYTOSANITARY PRODUCTS**
[72] LIENART, YVETTE JANINE, FR
[72] HEYRAUD, ALAIN CHARLES ABEL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[25] FR
[54] **FOYER DE CHAUDIERE A LIT FLUIDISE COMPRENANT DEUX SOLES SEPAREES PAR UN ENTREJAMBE**
[54] **FLUIDIZED BED BOILER FURNACE COMPRISING TWO HEARTHS SEPARATED BY AN INSIDE LEG AREA**
[72] ENAULT, CHRISTIAN, FR
[71] ALSTOM TECHNOLOGY LTD., CH
[85] 2004-09-22
[86] 2003-03-06 (PCT/FR2003/000715)
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[54] **RECIPIENT AMELIORE SOUS PRESSION**
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[72] MEILAND, NICO J., US
[71] S. C. JOHNSON & SON, INC., US
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[25] EN
[54] **ESTER DERIVATIVES OF A DECAHYDROISOQUINOLINE-3-CARBOXYLIC ACID AS ANALGESTICS**
[54] **DERIVES ESTER D'UN ACIDE DECAHYDROISOQUINOLINE-3 CARBOXYLIQUE UTILES EN TANT QU'ANALGESIQUES**
[72] ORNSTEIN, PAUL LESLIE, US
[71] ELI LILLY AND COMPANY, US
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[54] **PROCEDE DE PREPARATION DE LA NEVIRAPINE AMELIORE**
[72] BOSWELL, ROBERT F., JR., US
[72] GUPTON, BERNARD FRANKLIN, US
[72] LO, YOUNG S., US
[71] BOEHRINGER INGELHEIM CHEMICALS, INC., US
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[54] **METHOD FOR TIME SYNCHRONIZATION OF INFORMATION MEASURED BY MEANS OF IMAGING**
[54] **PROCEDE DE SYNCHRONISATION TEMPORELLE D'INFORMATIONS MESUREES PAR IMAGERIE**
[72] AIMONEN, PERTTI, FI
[72] MUSTONEN, HARRI, FI
[72] KALANIEMI, HANNES, FI
[71] METSO AUTOMATION OY, FI
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[30] FI (20020585) 2002-03-27

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[25] EN
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[54] **PROCEDES ET SYSTEMES DESTINES A DES NOTIFICATIONS N'INTERROMPANT PAS L'UTILISATEUR**
[72] WRIGHT, RICHARD BERNARD, US
[72] EMBERTON, RICHARD, US
[71] ORACLE INTERNATIONAL CORPORATION, US
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[25] EN
[54] **ACTIVE ANTIANGIOGENIC THERAPY**
[54] **INMUNOTHERAPIE ACTIVE ANTIANGIOGENIQUE**
[72] SILVA RODRIGUEZ, RICARDO DE LA CARIDAD, CU
[72] MUSACHIO LASA, ALEXIS, CU
[72] LOPEZ OCEJO, OMAR, CU
[72] VAZQUEZ BLOMQUIST, DANIA MARCIA, CU
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[72] FERNANDEZ MOLINA, LUIS ENRIQUE, CU
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[71] NEUROGEN CORPORATION, US
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[71] EASTGATE INVESTMENTS LIMITED, BM
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[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE MINI-TABLETTES DE MANGANESE A FORTE CONCENTRATION POUR L'ALLIAGE DE BAINS D'ALUMINIUM**
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[72] SAN PEDRO GUERRENABARRENA, RAFAEL, ES
[72] BORGE BRAVO, GREGORIO, ES
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[71] REGENESYS TECHNOLOGIES LIMITED, GB
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[72] BARNES, JOHN JAMES, US
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[72] NOE, MARK CARL, US
[71] PFIZER PRODUCTS INC., US
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[72] KIM, YOUNGLOK, KR
[72] OH, HYUN-SEOK, KR
[72] DIFAZIO, ROBERT A., US
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[72] BREINIG, ROBERT J., US
[72] LEVEDAHL, MARK D., US
[72] TOPP, ALLAN R., US
[72] RAO, SHEKAR A., US
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[54] **PROCEDE DE PRODUCTION DE DERIVES DE TRITERPENES**
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[72] ODA, KATSUO, JP
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[54] **INDUSTRIAL PRODUCTION OF INTERMEDIATE FOOD PRODUCTS (I.F.P.) BASED ON FISH FLESH AND PACKAGED I.F.P.S THUS PRODUCED**
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[72] CHANTREAU, JEAN-VINCENT, FR
[71] LA PATRIMONIALE SCHILL, FR
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[54] **TWO-DIMENSIONAL IONISING PARTICLE DETECTOR**
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[72] FEDOTOFF, ALEXANDRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
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[54] **PROCEDES D'UTILISATION D'UN LIGAND FLT3 DANS DES PROTOCOLES D'IMMUNISATION**
[72] MALISZEWSKI, CHARLES R., US
[72] LIEBOWITZ, DAVID N., US
[72] MCKENNA, HILARY J., US
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[54] **STRUCTURES AUTO-ASSEMBLEES A BASE DE PEPTIDES ET PROCESSUS DE REGULATION DE L'AUTO-ASSEMBLAGE DESDITES STRUCTURES**
[72] LYNN, DAVID, US
[72] DONG, JIJUN, US
[72] MORGAN, DAVID A., US
[72] CONTICELLO, VINCE, US
[71] EMORY UNIVERSITY, US
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[54] **PROCEDE D'INVERSION D'EMULSIONS EAU DANS L'HUILE EN EMULSIONS HUILE DANS L'EAU**
[72] VARADARAJ, RAMESH, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[71] BRACCO DIAGNOSTICS INC., US
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[72] GREELEY, JOHN PETER, US
[72] LOO, CHU-SIANG, CA
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[54] **PRECODAGE DE CANAL MULTIVOIE DANS UN SYSTEME MIMO**
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[72] BJERKE, BJORN A., US
[71] QUALCOMM INCORPORATED, US
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[72] KHEMAKHEM, M'HAMED ANIS, US
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[72] WILLIAMS, STEPHEN, US
[72] BURGI, DEAN S., US
[72] TANG, MENGXIANG, US
[72] THEOBALD, PAUL E., US
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[72] MCKERNAN, PATRICIA A., US
[71] ZYMOGENETICS, INC., US
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[54] **PROCEDE DESTINE A ANALYSER ET A MODIFIER UN LUBRIFIANT DANS UN MOTEUR**
[72] REISCHMAN, PAUL THOMAS, US
[72] KELLY, KEVIN JOHN, US
[72] CAREY, VINCENT MARK, US
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[72] HAUKE, MICHAEL THOMAS, US
[72] BRYARS, RAYMOND ANDREW, US
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[54] **PORTE-ECHANTILLON EQUIPE DE MOYENS DE BLOCAGE DE TUBES A ECHANTILLONS ET PROTECTION CONTRE LES EGOUTTEMENTS A UTILISER AVEC CELUI-CI**
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[54] **SYSTEME ET PROCEDE DE CORRECTION OPHTALMIQUE PREVISIONNELLE**
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[72] MARKMAN, HOWARD, US
[72] EAGAN, BARRY T., US
[72] COX, IAN G., US
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[72] KLOS, TERRY J., US
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[54] **SYSTEME ET PROCEDE D'ANALYSE, DE MANIPULATION ET DE VISUALISATION DE DONNEES**
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[72] MAYNARD, TIMOTHY J., US
[71] TRANSTECH PHARMA, INC., US
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[71] UNIVERSAL SURVEILLANCE CORPORATION, US
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[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN DERIVE BENZOFURANE ET LEUR UTILISATION POUR LE TRAITEMENT DU TROUBLE D'HYPERACTIVITE AVEC DEFICIT DE L'ATTENTION**
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[54] **COMPOSITION DESTINEE AU TRAITEMENT DE L'ULCERE GASTRIQUE ET PROCEDE PERMETTANT DE PREPARER CETTE COMPOSITION**
[72] VARIER, PANNIYAMPALLY MADHAVANKUTTY, IN
[72] MURALEEDHARAN, TRIKOVIL SANKARAN, IN
[72] RAO, JANASWAMY MADHUSUDANA, IN
[72] SASTRY, BOGGAVARAPU SUBRAHMANYA, IN
[72] RAI, DEEPAK, IN
[72] SAMPATHKUMAR, UPPARAPALLI, IN
[72] PALIT, GAUTAM, IN
[72] RAGHAVAN, KONDAPURAM VIJAYA, IN
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[71] MEDICIS PHARMACEUTICAL CORPORATION, US
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[54] **PROCEDE D'EXTRACTION DE METAUX DU GROUPE DU PLATINE**
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[72] DUNN, GRENVIL MARQUIS, ZA
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[54] **SYSTEME DE SECURITE POUR DISPOSITIF D'ADMINISTRATION MEDICAL A COMMANDE ELECTRIQUE, ET SUPPORT LISIBLE PAR ORDINATEUR**
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[72] RADMER, JIM, DK
[72] POULSEN, JENS ULRIK, DK
[72] JESPERSEN, SEREN KRAGH, DK
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[54] **PROCEDE DE FABRICATION DE SERTINDOLE**
[72] ZANON, JACOPO, IT
[72] CIARDELLA, FRANCESCO, IT
[72] VILLA, MARCO, IT
[71] H. LUNDBECK A/S, DK
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[54] **COMPOSITION DE POLYCARBONATE RENFERMANT DU TALC CALCINE DESTINEE A MODIFIER LA RESISTANCE AU CHOC**
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[72] ECKEL, THOMAS, DE
[71] BAYER MATERIALSCIENCE AG, DE
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[54] **PROCEDE DE PURIFICATION D'UN PESTICIDE**
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[72] FINCH, CHARLES WILLIAM, US
[71] BASF AKTIENGESELLSCHAFT, DE
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[54] **SYSTEME DE LAMES A INVERSION**
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[71] BUNN-O-MATIC CORPORATION, US
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[54] **METHOD AND APPARATUS FOR SEPARATING ADHERED PAPER FROM PAPER-COVERED GYPSUM BOARD**
[54] **PROCEDE ET APPAREIL PERMETTANT DE RETIRER LE PAPIER COLLE SUR UNE PLAQUE DE PLATRE RECOUVERTE DE PAPIER**
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[71] NEW WEST GYPSUM RECYCLING (B.C.) INC., CA
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[54] **DISPOSITIF ET PROCEDE DE MESURE DE CONSTITUANTS DU SANG**
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[72] FORSTNER, KLAUS, DE
[71] MCC GESELLSCHAFT FUER DIAGNOSESYSTEME IN MEDIZIN UND TECHNIK MBH & CO.KG, DE
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[72] SCHROTH, THOMAS, DE
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[54] **RECIPIENT EN PLASTIQUE A EPAISSEUR DE PAROI HOMOGENE**
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[72] HUFEN, RALF, DE
[72] HORN, KLAUS, DE
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[54] **STATIN THERAPY FOR ENHANCING COGNITIVE MAINTENANCE**
[54] **THERAPIE A BASE DE STATINE PERMETTANT D'AMELIORER L'ENTRETIEN COGNITIF**
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[72] LILIENFELD, SEAN, US
[72] GLASSPOOL, ROYSTON JOHN, CH
[71] JANSSEN PHARMACEUTICA N.V., BE
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[54] **COMPOSITIONS AND METHODS FOR DETECTION AND TREATMENT OF PROLIFERATIVE ABNORMALITIES ASSOCIATED WITH OVEREXPRESSION OF HUMAN TRANSKETOLASE LIKE-1 GENE**
[54] **COMPOSITIONS ET METHODES DE DETECTION ET DE TRAITEMENT D'ANOMALIES DE PROLIFERATION ASSOCIEES A LA SUREXPRESSION DU GENE DE LA TRANSCETOLASE DE TYPE 1 HUMAINE**
[72] COY, JOHANNES, DE
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[54] **MODULE DE FILTRE ET PROCEDE PERMETTANT DE PRODUIRE UN MODULE DE FILTRE PLEIN**
[72] STROHM, GERHARD, DE
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[71] PALL CORPORATION, US
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[54] **METHODE DE PURIFICATION D'UNE SOLUTION DE CHLORURE DE CUIVRE**
[72] LEIMALA, RAIMO, FI
[71] OUTOKUMPU OYJ, FI
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[54] **METHOD OF DATA TRANSFER IN MOBILE AND FIXED TELECOMMUNICATIONS SYSTEMS**
[54] **PROCEDE DE TRANSFERT DE DONNEES DANS DES SYSTEMES DE TELECOMMUNICATION MOBILES ET FIXES**
[72] GIAFFREDA, RAFFAELE, GB
[72] HODGKINSON, TERENCE GEOFFREY, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[30] GB (0207454.0) 2002-03-28

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[51] **Int.Cl. 7G06F 17/28**
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[54] **MACHINE TRANSLATION**
[54] **TRADUCTION AUTOMATIQUE**
[72] APPLEBY, STEPHEN CLIFFORD, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-09-22
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[51] **Int.Cl. 7D06M 15/05 7D06M 15/09 7C08B 11/20 7C11D 3/22**
[25] EN
[54] **TEXTILE MILL APPLICATIONS OF CELLULOSIC BASED POLYMERS TO PROVIDE APPEARANCE AND INTEGRITY BENEFITS TO FABRICS DURING LAUNDERING AND IN-WEAR**
[54] **UTILISATIONS DANS UNE USINE TEXTILE DE POLYMERES A BASE DE CELLULOSE POUR CONFERER A DES TISSUS UN ASPECT ET UNE INTEGRITE NE S'ALTERANT PAS LORSQU'ILS SONT UTILISES ET LAVES**
[72] WASHINGTON, NODIE MONROE, US
[72] WANG, JIPING, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2004-09-24
[86] 2003-04-16 (PCT/US2003/011529)
[87] 2003-10-30 (WO2003/089711)
[30] US (60/372,877) 2002-04-16

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[51] **Int.Cl. 7A61K 35/78 7A61P 31/04**
[25] EN
[54] **BIOACTIVE HEXANE FRACTION FROM VETIVERIA ZIZANIOIDES**
[54] **FRACTION D'HEXANE BIOACTIVE DE VETIVERIA ZIZANIOIDES**
[72] GUPTA, MADAN MOHAN, IN
[72] SHASANY, AJIT KUMAR, IN
[72] BAHL, JANAK RAJ, IN
[72] LAL, RAJ KISHORI, IN
[72] SINGH, MONIKA, IN
[72] TRIPATHY, ARVIND KUMAR, IN
[72] DAROKAR, MAHENDRA PANDURANG, IN
[72] SRIVASTAVA, SUCHI, IN
[72] KHANUJA, SUMAN PREET SINGH, IN
[72] KUMAR, TIRUPPADIRIPULIYUR RANGANATHAN SANTHA, IN
[72] KUMAR, SUSHIL, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
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[87] 2003-10-02 (WO2003/080089)

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[13] A1
[51] **Int.Cl. 7G01L 9/12 7C04B 35/497**
[25] EN
[54] **LEAD IRON TUNGSTATE CAPACITIVE TRANSDUCER, RELAXOR MATERIAL THEREFOR, METHOD OF MANUFACTURE OF RELAXOR MATERIAL**
[54] **TRANSDUCTEUR CAPACITIF DE TUNGSTATE DE FER ET DE PLOMB, MATERIAU RELAXOR POUR CE DERNIER, PROCEDE DE FABRICATION DU MATERIAU RELAXOR**
[72] JAIN, KAMLESH KUMAR, IN
[72] KUMAR, VIJAY, IN
[72] KASHYAP, SUBHASH CHAND, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[71] INDIAN INSTITUTE OF TECHNOLOGY, IN
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[25] EN
[54] **STABLE HYDRATE OF A MUSCARINIC RECEPTOR ANTAGONIST**
[54] **HYDRATE STABLE D'ANTAGONISTE DE RECEPTEUR MUSCARINIQUE**
[72] NEWBURY, TREVOR JACK, GB
[72] DUNN, PETER JAMES, GB
[72] MATTHEWS, JOHN GEORGE, GB
[72] O'OCONNOR, GARRY, GB
[71] NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD., BM
[85] 2004-09-22
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[51] **Int.Cl. 7F01K 13/02**
[25] EN
[54] **METHOD OF AND APPARATUS FOR COOLING A SEAL FOR MACHINERY**
[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UN JOINT D'ETANCHEITE POUR MACHINES**
[72] RIGAL, MEIR, IL
[72] ZIMRON, OHAD, IL
[72] AMIR, NADAV, IL
[71] ORMAT INDUSTRIES LTD., IL
[85] 2004-09-22
[86] 2003-02-26 (PCT/IL2003/000146)
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[51] **Int.Cl. 7B01D 27/02**
[25] EN
[54] **LENGTH-ADJUSTABLE FILTER CARTRIDGE END CAPS, FILTER CARTRIDGES EMPLOYING, AND METHODS OF MAKING, THE SAME**
[54] **BOUCHONS DE CARTOUCHE FILTRANTE A LONGUEUR REGLABLE, UTILISATION DE CARTOUCHES FILTRANTES ET PROCEDES DE FABRICATION ASSOCIES**
[72] SCHUYLER, CHARLES C., US
[72] HOFFMAN, CHARLES S., US
[72] ROBILLARD, NORMAN F., US
[71] PALL CORPORATION, US
[85] 2004-09-24
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[87] 2003-10-09 (WO2003/082431)
[30] US (10/105,635) 2002-03-26

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[51] **Int.Cl. 7B05B 17/06**
[25] EN
[54] **METHOD AND APPARATUS FOR ATOMIZING LIQUIDS HAVING MINIMAL DROPLET SIZE**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ATOMISER DES LIQUIDES POSSEDANT UNE TAILLE DE GOUTTELETTES MINIMALE**
[72] DALEY, GUY D., US
[72] BRONSON, DAVID C., US
[72] VARANASI, PADMA P., US
[71] S. C. JOHNSON & SON, INC., US
[85] 2004-09-24
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[51] **Int.Cl. 7B22D 11/124**
[25] EN
[54] **METHOD AND DEVICE FOR EVACUATING DRAINAGE WATER IN THE INNER ARC OF BEAM BLANK CASTING MACHINES**
[54] **PROCEDE ET DISPOSITIF POUR ASPIRER LES EAUX D'ECOULEMENT RETENUES DANS LA COURBURE INTERIEURE DE MACHINE A COULER DES EBAUCHES DE PROFILES DE POUTRELLES**
[72] FRIEDRICH, JURGEN, DE
[72] FEST, THOMAS, DE
[72] KOCKENTIEDT, JOSEF, DE
[72] LETZEL, DIRK, DE
[72] ZAJBER, ADOLF-GUSTAV, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
[85] 2004-09-24
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[51] **Int.Cl. 7C07D 401/12 7A61P 25/22 7A61K 31/50**
[25] EN
[54] **NEW PIPERIDINYL-ALKYLAMINO-PYRIDAZINONE DERIVATIVES, A PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAID COMPOUNDS**
[54] **NOUVEAUX DERIVES DE PIPERIDINYL-ALKYLAMINO-PYRIDAZINONE, PROCEDE DE PREPARATION DE CEUX-CI ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES COMPOSES**
[72] SCHMIDT, EVA, HU
[72] SIMIG, GYULA, HU
[72] HARSING, LASZLO GABOR, HU
[72] GACSALYI, ISTVAN, HU
[72] KOTAY NAGY, PETER, HU
[72] LEVAY, GYOERGY, HU
[72] BARKOCZY, JOZSEF, HU
[71] EGIS GYOGYSZERGYAR RT., HU
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[30] HU (P 02 01374) 2002-04-26

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[51] **Int.Cl. 7D21D 5/16**
[25] EN
[54] **BAR SCREEN DEVICE**
[54] **DISPOSITIF DE TAMIS A FENTE**
[72] MICKELAT, THOMAS, DE
[71] HEINRICH FIELDER GMBH & CO. KG, DE
[85] 2004-09-24
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[30] DE (102 18 323.6) 2002-04-24

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[51] **Int.Cl. 7G01N 27/64 7H01J 49/40**
[25] EN
[54] **APPARATUS AND METHOD FOR MOBILITY SEPARATION OF IONS UTILIZING AN ION GUIDE WITH AN AXIAL FIELD AND COUNTERFLOW OF GAS**
[54] **APPAREIL ET PROCEDE DE SEPARATION A MOBILITE D'IONS METTANT UN OEUVRE UN GUIDE D'IONS QUI PRESENTE UN CHAMP AXIAL ET UN CONTRE-COURANT DE GAZ**
[72] LOBODA, ALEXANDRE V., CA
[71] MDS INC., DOING BUSINESS AS MDS SCIEX, CA
[85] 2004-09-24
[86] 2003-04-24 (PCT/CA2003/000600)
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[51] **Int.Cl. 7H01Q 5/01 7H01Q 1/00**
[25] EN
[54] **MULTIPLE FREQUENCY ANTENNA**
[54] **ANTENNE A FREQUENCES DE RESONANCE MULTIPLES**
[72] SHAFAI, LOTFOLLAH, CA
[72] SHAFAI, CYRUS, CA
[71] UNIVERSITY OF MANITOBA, CA
[85] 2004-09-23
[86] 2003-03-28 (PCT/CA2003/000446)
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[30] CA (PCT/CA 02/00423) 2002-03-28
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[51] **Int.Cl. 7A23L 1/00**
[25] EN
[54] **CONVEYORIZED OVEN WITH MOISTURE LADEN AIR IMPINGEMENT AND METHOD**
[54] **FOUR A CONVOYEUR AVEC DISTRIBUTION D'AIR CHARGE D'HUMIDITE ET PROCEDE**
[72] DAY, WILLIAM J., JR., US
[72] MOLLOY, PAUL S., US
[72] JONES, DOUGLAS S., US
[71] ENDODIS CORPORATION, US
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[30] US (60/383,978) 2002-05-29

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[51] **Int.Cl. 7E03C 1/12**
[25] EN
[54] **METHOD AND APPARATUS FOR INSTALLING A BATHTUB ASSEMBLY**
[54] **PROCEDE ET DISPOSITIF D'INSTALLATION D'UN ENSEMBLE BAIGNOIRE**
[72] BALL, WILLIAM T., US
[71] WCM INDUSTRIES, INC., US
[85] 2004-09-23
[86] 2003-02-03 (PCT/US2003/003105)
[87] 2004-06-17 (WO2004/051012)
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[13] A1
[51] **Int.Cl. 7C01G 9/02 7C01G 1/02 7C01G 23/02 7C01G 25/02**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF NANO- AND MICRO-PARTICLES OF GROUP II AND TRANSITION METALS OXIDES AND HYDROXIDES, THE NANO- AND MICRO-PARTICLES THUS OBTAINED AND THEIR USE IN THE CERAMIC, TEXTILE AND PAPER INDUSTRIES**
[54] **METHODE DE PREPARATION DE NANOPARTICULES ET DE MICROPARTICULES DU GROUPE II ET D'OXYDES ET D'HYDROXYDES DE METAUX DE TRANSITION, NANOPARTICULES ET MICROPARTICULES AINSI OBTENUES ET LEUR UTILISATION DANS LES INDUSTRIES DE LA CERAMIQUE, DU TEXTILE ET DU PAPIER**
[72] BAGLIONI, PIERO, IT
[72] DEI, LUIGI, IT
[72] LO NOSTRO, PIERANDREA, IT
[72] MORONI, MICHELANGELO, IT
[72] FRATONI, LAURA, IT
[71] CONSORZIO INTERUNIVERSITARIO PER LO SVILUPPO DEL SISTEMI A GRANDE INTERF ASE C.S.G.I., IT
[85] 2004-09-23
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[87] 2003-10-09 (WO2003/082742)
[30] IT (FI2002A000052) 2002-03-28

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[51] **Int.Cl. 7A47G 21/16**
[25] EN
[54] **SYSTEM FOR RAPIDLY FIXING A CLOTH TO A TABLE OR OTHER FLAT SURFACE**
[54] **SYSTEME PERMETTANT DE FIXER RAPIDEMENT UN TISSU A UNE TABLE OU AUTRE SURFACE PLANE**
[72] FRANCO, PASQUALINO, IT
[71] EFFEPI SRL, IT
[85] 2004-09-23
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[87] 2003-10-02 (WO2003/079870)
[30] IT (PI2002A000016) 2002-03-26

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[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **ASSET MANAGEMENT DEVICE, ASSET MANAGEMENT METHOD, AND ASSET MANAGEMENT CONSIGNMENT CONTRACT METHOD**
[54] **DISPOSITIF DE GESTION D'ACTIFS, PROCEDE DE GESTION D'ACTIFS ET PROCEDE DE CONTRAT DE LIVRAISON DE GESTION D'ACTIFS**
[72] IWAI, MASAMI, JP
[72] INUBUSHI, HIROYUKI, JP
[72] KANO, YASUHIRO, JP
[72] NISHIMURA, MARIKO, JP
[72] UCHIDA, YASUSHI, JP
[72] KUBO, RYO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
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[87] 2003-10-02 (WO2003/081501)
[30] JP (2002-089774) 2002-03-27

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[51] **Int.Cl. 7G01N 30/88 7G01N 30/04 7G01N 27/62 7G01N 30/72**
[25] EN
[54] **METHOD OF ASSAYING COENZYMES A IN BIOLOGICAL SAMPLE**
[54] **TECHNIQUE DE DOSAGE DE COENZYMES DANS UN ECHANTILLON BIOLOGIQUE**
[72] SAKAI, MITSURU, JP
[72] SUGIMOTO, YOSHINORI, JP
[71] TEIJIN LIMITED, JP
[85] 2004-09-23
[86] 2003-03-24 (PCT/JP2003/003521)
[87] 2003-10-02 (WO2003/081229)
[30] JP (2002-82821) 2002-03-25

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[13] A1
[51] **Int.Cl. 7G11C 11/22 7H01L 27/01 7G11C 5/02 7H01L 23/48**
[25] EN
[54] **A VOLUMETRIC DATA STORAGE APPARATUS COMPRISING A PLURALITY OF STACKED MATRIX-ADDRESSABLE MEMORY DEVICES**
[54] **DISPOSITIF DE STOCKAGE DE DONNEES VOLUMETRIQUE COMPORTANT UNE PLURALITE D'APPAREILS MEMOIRE EMPILES A ADRESSAGE MATRICIEL**
[72] LEISTAD, GEIRR I., NO
[72] GUDESEN, HANS GUDE, BE
[71] THIN FILM ELECTRONICS ASA, NO
[85] 2004-09-23
[86] 2003-03-21 (PCT/NO2003/000097)
[87] 2003-10-02 (WO2003/081602)
[30] NO (20021466) 2002-03-25

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[13] A1
[51] **Int.Cl. 7G06K 7/00 7G01S 13/02**
[25] EN
[54] **METHOD OF OPERATION AND SYSTEM FOR DISCRIMINATION BETWEEN MULTIPLE SURFACE ACOUSTIC WAVE IDENTIFICATION TAGS**
[54] **PROCEDE DE FONCTIONNEMENT ET SYSTEME PERMETTANT D'ETABLIR UNE DISTINCTION ENTRE DE MULTIPLES ETIQUETTES D'IDENTIFICATION A ONDE ACOUSTIQUE DE SURFACE**
[72] HARTMANN, CLINTON S., US
[71] RF SAW COMPONENTS, INCORPORATED, US
[85] 2004-09-23
[86] 2003-03-19 (PCT/US2003/008560)
[87] 2003-10-02 (WO2003/081517)
[30] US (10/103,684) 2002-03-21

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[13] A1
[51] **Int.Cl. 7C11D 3/00 7C11D 11/00 7C11D 17/04**
[25] EN
[54] **FABRIC SOFTENER COMPOSITION AND METHODS FOR MANUFACTURING AND USING**
[54] **COMPOSITION D'ASSOUPLISSANT TEXTILE ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CETTE DERNIERE**
[72] TILLESKJOR, JACLYN J., US
[72] MAN, VICTOR F., US
[72] LENTSCH, STEVEN E., US
[71] ECOLAB INC., US
[85] 2004-09-23
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[30] US (10/120,891) 2002-04-10

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[13] A1
[51] **Int.Cl. 7G06K 7/00**
[25] EN
[54] **METHOD AND SYSTEM FOR INTERROGATING MULTIPLE SAW IDENTIFICATION TAGS**
[54] **SYSTEME ANTICOLLISION PAR FOCALISATION D'IMPULSION D'INTERROGATION DESTINE A DES ETIQUETTES D'IDENTIFICATION A ONDES ACOUSTIQUE DE SURFACE ET PROCEDE DE FONCTIONNEMENT DE CE SYSTEME**
[72] CLAIBORNE, LEWIS T., US
[72] HARTMANN, CLINTON S., US
[71] RF SAW COMPONENTS, INCORPORATED, US
[85] 2004-09-23
[86] 2003-03-19 (PCT/US2003/008562)
[87] 2003-10-02 (WO2003/081518)
[30] US (10/103,650) 2002-03-21

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[51] **Int.Cl. 7C08J 3/12 7B01J 13/04 7G01N 30/96**
[25] EN
[54] **MANUFACTURE OF POLYSACCHARIDE BEADS**
[54] **FABRICATION DE BILLES DE POLYSACCHARIDE**
[72] JONSSON, INGEMAR, SE
[72] LARSSON, ANDERS, SE
[72] ANDERSSON, RALF GOERAN, SE
[72] BERG, HANS, SE
[71] AMERSHAM BIOSCIENCES AB, SE
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[86] 2003-04-17 (PCT/SE2003/000629)
[87] 2003-11-06 (WO2003/091315)
[30] SE (0201289-6) 2002-04-25

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[51] **Int.Cl. 7C22B 3/20 7C22B 11/00**
[25] EN
[54] **METHOD FOR THE RECOVERY OF GOLD**
[54] **PROCEDE DE RECUPERATION DE L'OR**
[72] HYVAERINEN, OLLI, FI
[72] HAEMAELAEINEN, MATTI, FI
[71] OUTOKUMPU OYI, FI
[85] 2004-09-23
[86] 2003-04-07 (PCT/FI2003/000259)
[87] 2003-11-06 (WO2003/091463)
[30] FI (20020780) 2002-04-23

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[51] **Int.Cl. 7B32B 21/10 7B32B 29/00 7B65D 91/00**
[25] EN
[54] **NON-FOIL BARRIER LAMINATES**
[54] **LAMINES BARRIERE DE TYPE NON METALLIQUE**
[72] REIGHARD, TRICIA SUSAN, US
[72] BUSHMAN, ALEXANDER CRAIG, US
[72] MARCHMAN, JAMES IRVIN, US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2004-09-23
[86] 2003-03-17 (PCT/US2003/008165)
[87] 2003-10-09 (WO2003/082568)
[30] US (10/105,713) 2002-03-25
[30] US (10/288,841) 2002-11-06

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[51] **Int.Cl. 7C07D 471/04 7A61P 25/16 7A61P 25/28 7A61K 31/437**
[25] EN
[54] **7-AZAINDOLES AS INHIBITORS OF C-JUN N-TERMINAL KINASES FOR THE TREATMENT OF NEURODEGENERATIVE DISORDERS**
[54] **7-AZAINDOLES EN TANT QU'INHIBITEURS DE KINASES A TERMINAISON C-JUN N POUR LE TRAITEMENT DE TROUBLES NEURODEGENERATIFS**
[72] KHAN, AFZAL, GB
[72] NUMATA, HIROTOSHI, JP
[72] PALMER, VANESSA, GB
[72] GRACZYK, PIOTR, GB
[71] EISAI CO., LTD., JP
[85] 2004-09-23
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[87] 2003-10-09 (WO2003/082868)
[30] GB (0207491.2) 2002-03-28
[30] GB (0217330.0) 2002-07-25

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[51] **Int.Cl. 7A46B 15/00 7A61C 17/22**
[25] EN
[54] **TOOTHBRUSHES**
[54] **BROSSES A DENTS**
[72] BROWN, WILLIAM R., JR., US
[72] BRAUN, PHILLIP M., US
[72] CHRISTMAN, THOMAS A., US
[72] CHENVAINU, ALEXANDER T., US
[71] THE GILLETTE COMPANY, US
[85] 2004-09-23
[86] 2004-01-27 (PCT/US2004/002401)
[87] 2004-08-26 (WO2004/071237)
[30] US (10/364,148) 2003-02-11

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[13] A1
[51] **Int.Cl. 7A61B 5/04 7A61B 5/0424**
[25] EN
[54] **MEASURING DEVICE AND METHOD FOR REDUCING MEASURING ERRORS**
[54] **DISPOSITIF DE MESURE ET METHODE POUR REDUIRE LES ERREURS DE MESURE**
[72] STOCKINGER, CHRISTIAN, US
[71] STOCKINGER, CHRISTIAN, US
[85] 2004-09-24
[86] 2003-03-13 (PCT/AT2003/000073)
[87] 2003-10-02 (WO2003/079896)
[30] AT (15 A 459/2002-2,3) 2002-03-25

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[13] A1
[51] **Int.Cl. 7B23K 31/02 7B24B 39/00 7B23K 28/02**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING A WELD JOINT HAVING IMPROVED PHYSICAL PROPERTIES**
[54] **APPAREIL ET PROCEDE DE FORMATION DE SOUDURE AUX PROPRIETES PHYSIQUES AMELIOREES**
[72] PREVEY, PAUL S., III, US
[71] SURFACE TECHNOLOGY HOLDINGS, LTD., US
[85] 2004-09-23
[86] 2003-03-25 (PCT/US2003/008747)
[87] 2003-10-09 (WO2003/082512)
[30] US (60/367,623) 2002-03-26
[30] US (PCT/US02/35214) 2002-11-01

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[51] **Int.Cl. 7G02C 7/08 7G02C 7/02**
[25] EN
[54] **VIEWING DEVICE**
[54] **DISPOSITIF DE VUE**
[72] MEYER, PAUL, GB
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[54] **A NATURAL NON-POLAR FLUORESCENT DYE FROM A NON-BIOLUMINESCENT MARINE INVERTEBRATE, COMPOSITIONS CONTAINING THE SAID DYE AND ITS USES**
[54] **COLORANT PROTEINIQUE FLUORESCENT NATUREL MUTLICOLORE ET NON TOXIQUE DERIVE D'UN INVERTEBRE MARIN NON BIOLUMINESCENT, COMPOSITIONS EN CONTENANT ET SES UTILISATIONS**
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[72] GOSWAMI, USHA, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
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[54] **LIQUID DISH CLEANING COMPOSITIONS HAVING IMPROVED PRESERVATIVE SYSTEM**
[54] **COMPOSITIONS DE LIQUIDE VAISSELLE PRESENTANT UN SYSTEME DE CONSERVATION AMELIORE**
[72] MERTENS, BAUDOUIN, BE
[72] DRAPIER, JULIEN, BE
[71] COLGATE-PALMOLIVE, US
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[54] **DISPOSITIF DE MESURE DU FACTEUR PRINCIPAL DES ESCARRES DE DECUBITUS**
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[72] OKAZAKI, HIDEKAZU, JP
[71] MOLTEN CORPORATION, JP
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[54] **APPAREIL DE DEPISTAGE ET DE DIAGNOSTIC PAR DOUBLE DETECTION STETHOSCOPIQUE ET DOPPLER**
[54] **APPARATUS FOR SCREENING AND DIAGNOSING BY DUAL STETHOSCOPIC AND DOPPLER DETECTION**
[72] BINDEFELD, HERVE, FR
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[51] **Int.Cl. 7C11D 3/00 7A01N 65/00 7C11D 1/14 7C11D 3/382 7A61K 7/48**
[25] EN
[54] **CLEANING AND DESINFECTING HERBAL COMPOSITIONS AND THEIR PREPARATION**
[54] **COMPOSITION ET PROCEDE DE PREPARATION DE DESINFECTANTS A BASE D'HERBES MEDICINALES ET UTILISATION DE CES DERNIERS**
[72] KUMAR, DINESH, IN
[72] AGGRAWAL, KRISHNA KUMAR, IN
[72] AHMED, ATIQUE, IN
[72] DAROKAR, MAHENDRA PANDURANG, IN
[72] SHASANY, AJIT KUMAR, IN
[72] SANTHAKUMAR, TIRUPADIRIPULIYUR RANGANATHAN, IN
[72] KHANUJA, SUMAN PREET SINGH, IN
[72] CHATURVEDI, PUSHPALATA, IN
[72] BANSAL, RAVI PRAKASH, IN
[72] GUPTA, VIVEK KUMAR, IN
[72] KRISHNA, ALOK, IN
[72] BAHL, JANAK RAJ, IN
[72] SINGH, ANIL KUMAR, IN
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[25] EN
[54] **LOTION FOR THERAPY OF DERMATITIS**
[54] **LOTION THERAPEUTIQUE CONTRE LA DERMATITE**
[72] SANTO, TETSUO, JP
[72] IWASAKI, SUMIO, JP
[72] WANG, RUWEI, CN
[72] LI, SONGHUA, JP
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[54] **SYSTEME ET PROCEDE POUR CONTROLER DES CARACTERISTIQUES D'UNE EXPLOSION**
[72] LOWINDS, CHARLES MICHAEL, US
[72] MEYER, ERIC NICHOL, ZA
[71] ORICA EXPOLSIVES TECHNOLOGY PTY LTD, AU
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[54] **EFFET HEPATOCURATIF D'EMBLICA OFFICINALIS SUR L'HEPATOTOXICITE ASSOCIEE AU CYTOCHROME P-450**
[72] SINGH, KULDEEP, IN
[72] GUPTA, DEVINDER KUMAR, IN
[72] KAPAHI, BAL KRISHAN, IN
[72] QAZI, GHULAM NABI, IN
[72] BEDI, KASTURI LAL, IN
[72] MONDHE, DILIP MANIKRAO, IN
[72] JAIN, SATINDER MOHAN, IN
[72] SURI, OM PARKASH, IN
[72] ABDULLAH, SHEIKH TASADUQ, IN
[72] JOHRI, RAKESH KAMAL, IN
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[25] EN
[54] **COIL BOX, MOUNTED BETWEEN A ROUGHING ROLLING TRAIN AND A FINISHING ROLLING TRAIN**
[54] **CAGE A CYLINDRES MONTEE ENTRE DES TRAINS DE LAMINOIR DEGROSSISSEUR ET DES TRAINS DE LAMINOIR FINISSEUR**
[72] LADDA-ZUNK, BARBARA, DE
[72] BEUTER, MATTHIAS, DE
[72] EHLS, BERNHARD, DE
[72] MICHEL, WALDEMAR, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **A PROCESS FOR THE PREPARATION OF TOMATO EXTRACTS WITH HIGH CONTENT IN LYCOPENE**
[54] **PROCEDE POUR PREPARER DES EXTRAITS DE TOMATE QUI ONT UNE TENEUR ELEVEE EN LYCOPENE**
[72] GIORI, ANDREA, IT
[71] INDENA S.P.A., IT
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[54] **SUBSTRATE AND METHOD FOR MEASURING THE ELECTROPHYSIOLOGICAL PROPERTIES OF CELL MEMBRANES**
[54] **SUBSTRAT ET PROCEDE DE MESURE DES PROPRIETES ELECTROPHYSIOLOGIQUES DE MEMBRANES CELLULAIRES**
[72] WILLUMSEN, NIELS, DK
[72] VESTERGAARD, RAS KAAS, DK
[72] KUTCHINSKY, JONATAN, DK
[72] OSWALD, NICHOLAS, DK
[72] TABORYSKI, RAFAEL, DK
[72] REUTER, DIRK, DK
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[51] **Int.Cl. 7B65B 1/36 7B65B 1/38**
[25] EN
[54] **METHOD AND APPARATUS FOR LOADING A CONTAINER WITH A PRODUCT**
[54] **PROCEDE ET APPAREIL PERMETTANT DE CHARGER UN CONTENANT AVEC UN PRODUIT**
[72] SELF, ROGER DON, GB
[72] BAKER, JEREMY KEITH, GB
[72] SCHERZER, RAYMOND HERBERT, US
[72] BAILEY, THOMAS WILLIAM, GB
[71] GLAXO GROUP LIMITED, GB
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[25] EN
[54] **ELECTROLYTE FILM ELECTRODE UNION, FUEL CELL CONTAINING THE SAME AND PROCESS FOR PRODUCING THEM**
[54] **UNION D'ELECTRODE A COUCHE ELECTROLYTIQUE, PILE A COMBUSTIBLE LA CONTENANT ET SON PROCEDE DE PRODUCTION**
[72] TAKEBE, YASUO, JP
[72] YAMAUCHI, MASAKI, JP
[72] SUGAWARA, YASUSHI, JP
[72] SAKAI, OSAMU, JP
[72] UCHIDA, MAKOTO, JP
[72] KOSAKO, SHINYA, JP
[72] YASUMOTO, EIICHI, JP
[72] YOSHIDA, AKIHIKO, JP
[72] MORITA, JUNJI, JP
[72] HORI, YOSHIHIRO, JP
[72] YONAMINE, TAKESHI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[54] **MEDICAL TREATMENT SYSTEM AND PRODUCTION METHOD THEREFOR**
[54] **SYSTEME DE TRAITEMENT MEDICAL ET PROCEDE DE PRODUCTION DESTINE A CE SYSTEME**
[72] AOYAGI, SEIJI, JP
[72] ISONO, YOSHITADA, JP
[72] HASHIGUCHI, GEN, JP
[71] JURIDICAL FOUNDATION OSAKA INDUSTRIAL PROMOTION ORGANIZATION, JP
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[54] **LABELLING DEVICE**
[54] **DISPOSITIF D'ETIQUETAGE**
[72] THOMS, GRAHAM E., AU
[72] ORHAN, JEAN MARK YVES, AU
[72] MORAN, ROBERT J., AU
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[51] **Int.Cl. 7H01M 8/10**
[25] EN
[54] **ION EXCHANGE COMPOSITE MATERIAL BASED ON PROTON CONDUCTIVE SILICA PARTICLES DISPERSED IN A POLYMER MATRIX**
[54] **MATERIAU COMPOSITE ECHANGEUR D'IONS A BASE DE PARTICULES DE SILICE CONDUCTRICES DE PROTONS DISPERSEES DANS UNE MATRICE POLYMERE**
[72] BEBIN, PHILIPPE, CA
[72] ST-ARNAUD, MARC, CA
[71] SIM COMPOSITES INC., CA
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[54] **APPAREIL DE REACTION A ECHANGEUR THERMIQUE**
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[72] HOTTA, MASATOSHI, JP
[71] SHOWA DENKO K.K., JP
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[54] **TRANSFERT DECLENCHE A DES FINS DE LOCALISATION**
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[72] MUHONEN, JANNE, FI
[72] HULKKONEN, TONY, FI
[71] NOKIA CORPORATION, FI
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[54] **RECYCLAGE DE DECHETS EN TANT QU'ENTRAINEURS D'AIR**
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[72] POOLE, MAURICE DALE, US
[71] WASTE MARKETS CORPORATION, US
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[25] EN
[54] **DIFFRACTION LATTICE ELEMENT, PRODUCTION METHOD FOR DIFFRACTION LATTICE ELEMENT, AND DESIGN METHOD FOR DIFFRACTION LATTICE ELEMENT**
[54] **ELEMENT DE RESEAU DIFFRACTEUR, PROCEDE DE PRODUCTION ET PROCEDE DE CONCEPTION D'ELEMENT DIFFRACTEUR DE RESEAU**
[72] SHIGEHARA, MASAKAZU, JP
[72] SHIOZAKI, MANABU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **ENSEMBLE DE REVETEMENT DE SOL DE SECURITE**
[72] MONTGOMERY, PHIL, US
[71] MONTGOMERY, PHIL, US
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[25] EN
[54] **BENZAMIDE DERIVATIVES USEFUL AS HISTONE DEACETYLASE INHIBITORS**
[54] **DERIVES DE BENZAMIDE UTILES EN TANT QU'INHIBITEURS D'HISTONE DEACETYLASE**
[72] ROBERTS, CRAIG ANTHONY, GB
[72] STOKES, ELAINE SOPHIE ELIZABETH, GB
[72] WARING, MICHAEL JAMES, GB
[71] ASTRAZENECA AB, SE
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[30] GB (0207863.2) 2002-04-05
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[72] TOSH, RONALD B., US
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[54] **CRYSTALLINE FORMS OF RABEPRAZOLE SODIUM**
[54] **FORMES CRISTALLINES DE RABEPRAZOLE SODIQUE**
[72] ESWARAIAH, SAJJA, IN
[72] REDDY, MANNE SATYANARAYANA, IN
[72] BOLUGODDU, VIJAYA BHASKAR, IN
[72] PINGILI, RAMCHANDRA REDDY, IN
[72] GANTA, MADHUSUDHAN REDDY, IN
[71] DR. REDDY'S LABORATORIES LTD., IN
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[51] **Int.Cl. 7C07F 9/28**
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[54] **PROCESS FOR MANUFACTURING PURIFIED PHOSPHORODIAMIDITE**
[54] **PROCEDE DE FABRICATION DE PHOSPHORODIAMIDITE PURIFIEE**
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[72] ROSS, BRUCE, US
[71] ISIS PHARMACEUTICALS, INC., US
[85] 2004-09-24
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[51] **Int.Cl. 7G06F 15/00**
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[54] **SINGLE ACCESS POINT FOR FILING OF CONVERTED ELECTRONIC FORMS TO MULTIPLE PROCESSING ENTITIES**
[54] **POINT D'ACCES UNIQUE POUR LE DEPOT DE FORMULAIRES ELECTRONIQUES CONVERTIS DANS DES ENTITES DE TRAITEMENT MULTIPLES**
[72] LOPATA, IAIN D., US
[72] RETNA, SAN, US
[72] GILLILAND, SCOTT, US
[72] MATLES, ROBERT, US
[72] PITMAN, ADREW J., US
[71] ACCENTURE, LLP, US
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[51] **Int.Cl. 7C12S 13/00**
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[54] **CONTAMINANT ECO-REMEDY AND USE METHOD**
[54] **REMEDE ECOLOGIQUE CONTRE LES CONTAMINANTS ET SON PROCEDE D'UTILISATION**
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[71] DETORRES, FERNANDO A., US
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[30] US (09/962,509) 2001-09-25

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[54] **SYSTEME DE DETECTION DE LUMINESCENCE POUR PROCESSUS DE SOUDAGE**
[72] SCOTTI, AMERICO, BR
[72] FERRARESI, VALTAIR A., BR
[72] DE MIRANDA, HELIO CORDEIRO, BR
[71] PRAXAIR TECHNOLOGY, INC., US
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[30] US (60/368,052) 2002-03-27

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[54] **IRON DEXTRIN COMPOUNDS FOR THE TREATMENT OF IRON DEFICIENCY ANAEMIA**
[54] **COMPOSES DE DEXTRINE DE FER CONCUS POUR TRAITER UNE ANEMIE FERRIPRIVE**
[72] CHRISTENSEN, LARS, DK
[72] ANDREASEN, HANS BERG, DK
[71] PHARMACOSMOS HOLDING A/S, DK
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[30] DK (PA 2002 00512) 2002-04-09

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[51] **Int.Cl. 7C07D 295/14**
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[54] **4-(DIARYLMETHYL)-1-PIPERAZINYL DERIVATIVES**
[54] **DERIVES DE 4-(DIARYLMETHYLE)-1-PIPERAZINYLE**
[72] MIDHA, AJAY SOHANLAL, IN
[72] CHOKSHI, HEMANT ASHVINBHAI, IN
[72] CHITTURI, TRINADHA RAO, IN
[72] THENNATI, RAJAMANNAR, IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2004-09-24
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[30] IN (302-MUM-2002) 2002-03-27

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[51] **Int.Cl. 7B05B 7/28**
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[54] **CONTROL DEVICE FOR DISPERSING A LIQUID IN A FLUID**
[54] **DISPOSITIF DE COMMANDE DE DISPERSION D'UN LIQUIDE DANS UN FLUIDE**
[72] VAVRA, ANTONIN, AU
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[72] LENOBEL, RENE, CZ
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[72] BAYDAR, CERN M., US
[72] GERSHMAN, ANATOLE V., US
[71] ACCENTURE GLOBAL SERVICES GMBH, CH
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[54] **PREPARATION LIQUIDE COMPRENANT UN DERIVE DE CAMPTOTHECINE ET COMPOSITION PHARMACEUTIQUE POUVANT ETRE PREPAREE PAR LYOPHILISATION DE LA PREPARATION**
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[72] ITO, TAKAHIRO, JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2004-09-22
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[54] **PROTOCOLE DE CONNEXION DE CARTE A PUCE**
[72] KIMBALL, BRIDGET, US
[72] TANG, LAWRENCE W., US
[72] OKIMOTO, JOHN I., US
[72] CHEN, ANNIE ON-YEE, US
[72] SPRUNK, ERIC J., US
[72] PETTY, DOUGLAS, US
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[54] **NOVEL POTASSIUM-DEPENDENT SODIUM-CALCIUM EXCHANGER**
[54] **NOUVEL ECHANGEUR SODIUM-CALCIUM DEPENDANT DU POTASSIUM**
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[72] MOCHIZUKI, SHINOBU, JP
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP
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[72] JACOBS, PAUL E., US
[72] MINEAR, BRIAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **NOUVELLE UTILISATION THERAPEUTIQUE DE LIGANDS AGONISTES SPECIFIQUES DU RECEPTEUR G2A**
[72] HUH, SUNG-OH, KR
[72] SUH, HONG-WON, KR
[72] SONG, DONG-KEUN, KR
[72] KIM, YUNG-HI, KR
[71] BIOSYNERGEN, INC., KR
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[54] **ENSEMBLE INDUCTEUR COMPACT HAUTE INTENSITE PRESENTANT PLUSIEURS ENTREFERS**
[72] SETTERGREN, TODD, US
[72] HOLDAHL, JIMMY D., US
[72] GORTMAKER, CHAD W., US
[71] TYCO ELECTRONICS CORPORATION, US
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[72] MULLER, HEINZ-JOACHIM, AU
[72] MULLETTE, DANIEL, AU
[71] PALL CORPORATION, US
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[54] **NOUVEAU MICROCIRCUIT INTEGRE POUR ANALYSES BIOLOGIQUES**
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[54] **LOW-DENSITY THERMOSETTING SHEET MOLDING COMPOUNDS**
[54] **MELANGES A MOULER EN FEUILLE THERMODURCISSABLES A FAIBLE DENSITE**
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[72] DAMMANN, LAURENCE G., US
[72] FISHER, DENNIS E., US
[71] ASHLAND INC., US
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[54] **COMPOSITION RENFERMANT UN EXTRAIT DE TUBERCULE DE LIRIOPSIS POUR LA PROTECTION DES CELLULES CEREBRALES ET L'AMELIORATION DE LA MEMOIRE**
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[54] **NOUVELLE UTILISATION DE L'EXTRAIT DE GINSENG TRAITE ET SAPONINE ISOLEE A PARTIR DE CE DERNIER**
[72] PARK, EUN-KYUNG, KR
[72] CHOO, MIN-KYUNG, KR
[72] RYU, JONG-HOON, KR
[72] KIM, DONG-HYUN, KR
[72] HAN, MYUNG-JOO, KR
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[54] **EX VIVO METHOD FOR DETERMINATION OF CETP ACTIVITY AND EFFICACY OF HEART DISEASE TREATMENT**
[54] **PROCEDE EX VIVO PERMETTANT DE DETERMINER L'ACTIVITE DE CETP ET L'EFFICACITE D'UN TRAITEMENT D'UNE CARDIOPATHIE**
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[71] ROAR HOLDING LLC, US
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[54] **ROUE DENTEE COMPOSITE**
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[71] THE GATES CORPORATION, US
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[54] **APPARATUS AND METHOD FOR MODIFYING A KERNEL MODULE TO RUN ON MULTIPLE KERNEL VERSIONS**
[54] **DISPOSITIF ET PROCEDE DE MODIFICATION D'UN MODULE NOYAU EN VUE D'UN FONCTIONNEMENT SUR PLUSIEURS VERSIONS DE NOYAU**
[72] HANDAL, THOMAS, US
[71] COMPUTER ASSOCIATES THINK, INC., US
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[54] **COMPRESSION CODEE DE REPETITIONS POUR DONNEES D'IMAGE HAUTEMENT CORRELEES**
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[71] MATRIXVIEW LIMITED, SG
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[71] ELIA LIFE TECHNOLOGY, US
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[54] **PROCEDE ET APPAREIL EFFICACES DE CODAGE ET DE DECODAGE ASSOCIE DE LA COMPENSATION DU MOUVEMENT GLOBAL**
[72] PANUSOPONE, KRIT, US
[71] GENERAL INSTRUMENT CORPORATION, US
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[54] **PROCEDE ET COMPOSITION DIETETIQUES POUR AMELIORER LA DIGESTIBILITE DES LIPIDES**
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[72] PATIL, AVINASH, US
[72] CUPP, CAROLYN JEAN, US
[72] MALNOE, ARMAND, CH
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[54] **PROCEDE ET APPAREIL DE PAIEMENT ELECTRONIQUE SECURISE**
[72] HOLST-RONESS, ERIK, CH
[71] TELEGLOBAL INTERNATIONAL LTD., GB
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[54] **SOUPAPE DE DECHARGE A FACILITE DE REPARATION AMELIOREE**
[72] SCHIMNOWSKI, KENNETH ROGER, US
[72] COLE, JEFFREY LYNN, US
[72] OLIVER, THOMAS BETHELL, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[72] YAHAV, SHIMON, IL
[71] GOTIT LTD., IL
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[54] **NOUVEAUX COMPOSES DE -1,3-THIAZOLE SUBSTITUE EN POSITION 2**
[72] BERG, STEFAN, SE
[72] HELLBERG, SVEN, SE
[71] ASTRAZENECA AB, SE
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[54] **THIOXANTHINE DERIVATIVES AS MYELOPEROXIDASE INHIBITORS**
[54] **DERIVES DE THIOXANTHINE UTILISES COMME INHIBITEURS DE LA MYELOPEROXYDASE**
[72] TIDEN, ANNA-KARIN, SE
[72] NORDVALL, GUNNAR, SE
[72] HANSON, SVERKER, SE
[71] ASTRAZENECA AB, SE
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[54] **METHOD AND APPARATUS FOR CLEANING HOOK AND LOOP ATTACHEMENT MATERIALS**
[54] **PROCEDE ET APPAREIL DE NETTOYAGE DE BANDES DE FIXATION VELCRO**
[72] AMOS, PAMELA LOUISE, AU
[71] AMOS, PAMELA LOUISE, AU
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[72] TEMPLETON, NANCY SMYTH, US
[71] BAYLOR COLLEGE OF MEDICINE, US
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[54] **SYSTEM AND METHOD FOR DETECTING AN INFECTIVE ELEMENT IN A NETWORK ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UN ELEMENT INFECTIEUX DANS UN ENVIRONNEMENT DE RESEAU**
[72] GLEICHAUF, ROBERT E., US
[71] CISCO TECHNOLOGY, INC., US
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[54] **ENHANCED HERBICIDE COMPOSITION**
[54] **COMPOSITION HERBICIDE AMELIOREE**
[72] WARRIOR, PREM, US
[72] HEIMAN, DANIEL F., US
[72] JU, ZHIGUO, US
[72] SILVERMAN, F. PAUL, US
[72] PETRACEK, PETER D., US
[71] VALENT BIOSCIENCES CORP., US
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[87] 2003-10-16 (WO2003/084325)
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[71] MERRIMAC INDUSTRIES, INC., US
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[54] **SOUTIEN-GORGE, DESTINE A ETRE UTILISE EN PARTICULIER PENDANT L'ALLAITEMENT**
[72] SORENSEN, BETTINA BALSLEV, DK
[71] TYTEX A/S, DK
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[87] 2003-10-09 (WO2003/082033)
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[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING PARAMETERS OF A MIXTURE HAVING LIQUID DROPLETS SUSPENDED IN A VAPOR FLOWING IN A PIPE**
[54] **APPAREIL ET PROCEDE DE MESURE DE PARAMETRES D'UN MELANGE AYANT DES GOUTTELETTES LIQUIDES SUSPENDUES DANS UN ECOULEMENT DE VAPEUR DANS UN CONDUIT**
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[72] GYSLING, DANIEL L., US
[71] CIDRA CORPORATION, US
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[87] 2003-09-04 (WO2003/073047)
[30] US (60/359,785) 2002-02-26
[30] US (60/375,847) 2002-04-24
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[71] CISCO TECHNOLOGY, INC., US
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[54] **CATHETER A LUMIERES MULTIPLES PERMETTANT DE MINIMISER L'ISCHEMIE DES MEMBRES**
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[72] SIRIMANNE, LAKSEN, US
[72] BOLLING, STEVEN F., US
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[54] **SYSTEME D'ASSISTANCE CARDIAQUE IMPLANTABLE**
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[54] **DISPOSITIF D'ADMINISTRATION INTRADERMIQUE A VALVULE**
[72] WILKINSON, BRADLEY M., US
[72] HWANG, CHARLES G., US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ALKYLATION STEREOSELECTIVE DE PIPERAZINES 2-METHYL-4-PROTEGEES CHIRALES**
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[72] MCALLISTER, TIMOTHY L., US
[72] LIAO, HONGBIAO, US
[72] SCHWARTZ, MARTIN LAWRENCE, US
[72] LEE, GARY M., US
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[54] **SYNTHESE DE COMPOSES DE PIPERIDINE ET DE PIPERAZINE UTILISES EN TANT QU'ANTAGONISTES DE CCR5**
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[72] GOODMAN, ANDREW J., US
[72] CHEN, MINZHANG, US
[72] LEONG, WILLIAM, US
[72] LEE, GARY M., US
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[72] JOSHI, RAVI R., US
[71] HUNTSMAN INTERNATIONAL LLC, US
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[72] OLSEN, GUNNAR M., DK
[72] NIELSEN, ELSEBET OSTERGAARD, DK
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[72] DOLLAT, JEAN-MARIE, FR
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[54] **PROCEDE ET DISPOSITIF DE DOSAGE DE LIPOPROTEINES A DENSITE ELEVEE**
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[72] BELLET, NEAL, US
[72] WORTHY, THOMAS E., US
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[54] **PROCEDE DE MISE EN CORRESPONDANCE DE CARTES, DISPOSITIF DE MISE EN CORRESPONDANCE DE CARTES, BASE DE DONNEES POUR LA MISE EN CORRESPONDANCE DE FORMES, ET DISPOSITIF DE MISE EN CORRESPONDANCE DE FORMES**
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[54] **BIODEGRADATION SUR SITE D'IMPURETES DE SUBSURFACE PAR INJECTION DE PHOSPHATE**
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[72] HUFF, JOHN, US
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[72] MACKIE, ROBERT A., US
[72] BAKITA, THOMAS R., US
[72] O'ROURKE, CHRIS, US
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[72] FU, JIAN-MIN, US
[72] VERHOEST, PATRICK R., US
[72] CORBETT, JEFFREY W., US
[72] ENNIS, MICHAEL D., US
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[71] PHARMACIA & UPJOHN COMPANY LLC, US
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[54] **UTILISATION D'UN MATERIAU A REFLEXION VARIABLE**
[72] ZONDAG, HERMAN ALBERT, NL
[72] VAN HELDEN, WILHELMUS GERARDUS JACOBUS, NL
[71] STICHTING ENERGIEONDERZOEK CENTRUM, NL
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[71] MERCK & CO., INC., US
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[54] **METHOD OF DESIGNING SYNTHETIC NUCLEIC ACID SEQUENCES FOR OPTIMAL PROTEIN EXPRESSION IN A HOST CELL**
[54] **PROCEDE POUR CONCEVOIR DES SEQUENCES D'ACIDES NUCLEIQUES DE SYNTHESE POUR L'EXPRESSION OPTIMALE DE PROTEINES DANS UNE CELLULE HOTE**
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[72] KINCAID, RANDALL L., US
[72] LYON, JEFFREY A., US
[71] WALTER REED ARMY INSTITUTE OF RESEARCH, US
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[54] **UTILISATION DE LA TOXINE BOTULIQUE POUR LE TRAITEMENT DES MALADIES CARDIOVASCULAIRES**
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[72] BROOKS, GREGORY F., US
[71] ALLERGAN, INC., US
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[72] FRIEDMAN, ROBERT, US
[71] DIGITAL ENVOY, INC., US
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[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'INDICATIONS D'APPELS DE COUCHES INFERIEURES DESTINES A UN EQUIPEMENT DE COMMUNICATION MULTICOUCHES UTILISE DANS UN SYSTEME DE COMMUNICATION SANSFIL**
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[72] DRUMMOND, RYAN ERIC, US
[72] MCCLELLAN, GEORGE W., US
[72] LEVI, ALAN M., US
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[54] **INSTRUCTION EN BOUCLE FERMEE ET SYSTEME DE REPONSE POUR COMMUNICATIONS AUTOMATIQUES ENTRE SYSTEMES INFORMATIQUES A INTERACTION VIA UN CANAL DE COMMUNICATION AUDIO**
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[71] DUNSMUIR, MARTIN, US
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[54] **SYSTEME ET PROCEDE DESTINES A PLACER DES DONNEES DANS UN ENVIRONNEMENT RESEAU A PROTOCOLE INTERNET**
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[72] PADALA, SUDHAKAR R., US
[71] CISCO TECHNOLOGY, INC., US
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[54] **PROCEDE DE REDUCTION D'ACCUMULATION DE PLAQUE ARTERIELLE CALCIFIEE ET DE DYSFONCTIONNEMENT CELLULAIRE ET D'EQUILIBRAGE DE CALCIUM IONIQUE**
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[72] MCDONOGH, RICHARD, US
[72] RUDOLPH, JAMES E., JR., US
[71] PALL CORPORATION, US
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[72] HANSEN, DAVID L., US
[72] KARAS, PETER M., US
[72] WILBER, RICHARD G., US
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[54] **MELANGEUR-EJECTEUR**
[72] WEBB, CHRISTOPHER JOHN, GB
[72] OLIVER, STEPHEN, GB
[72] HAGUE, BARRY, GB
[72] CROSSDALE, GARRY WILLIAM, GB
[71] JOHNSONDIVERSEY INC., US
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[54] **COLD-BOX FOUNDRY BINDER SYSTEMS HAVING IMPROVED SHAKEOUT**
[54] **LIANTS POUR LA FONDERIE EN BOITE FROIDE PERMETTANT UN DECOCHAGE AMELIORE**
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[72] SHRIVER, H. RANDALL, US
[71] ASHLAND INC., US
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[54] **DISPOSITIF ELECTROLUMINESCENT COMPRENANT DES NANOCRISTAUX SEMI-CONDUCTEURS**
[72] BAWENDI, MOUNGI G., US
[72] COE, SETH A., US
[72] WOO, WING-KEUNG, US
[72] BULOVIC, VLADIMIR, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] UNIVERSAL DISPLAY CORPORATION, US
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[54] **REDUCING NON-SPECIFIC BINDING IN IMMUNOASSAYS PERFORMED ON POLYMERIC SOLID PHASES**
[54] **REDUCTION DE LIAISON NON SPECIFIQUE DANS DES IMMUNOESSAIS REALISES SUR DES PHASES SOLIDES POLYMERES**
[72] RASKIN, ALEKSANDER, US
[72] BINDER, STEVEN R., US
[72] WATKINS, MICHAEL I., US
[71] BIO-RAD LABORATORIES, INC., US
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[54] **METHOD FOR ITERATIVE HARD-INPUT FORWARD ERROR CORRECTION**
[54] **PROCEDE ITERATIF DE CORRECTION D'ERREURS DIRECTE DE DONNEES FACTUELLES ENTRANTES**
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[72] KAUSCHKE, MICHAEL, DE
[71] INTEL CORPORATION, US
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[54] **SINGLE PRIMER ISOTHERMAL NUCLEIC ACID AMPLIFICATION-ENHANCED ANALYTE DETECTION AND QUANTIFICATION**
[54] **DETECTION ET QUANTIFICATION D'ANALYSATS AMELIOREES PAR AMPLIFICATION ISOTHERME D'ACIDES NUCLEIQUES A AMORCE UNIQUE**
[72] DAFFORN, GEOFFREY A., US
[72] KURN, NURITH, US
[71] NUGEN TECHNOLOGIES, INC., US
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[54] **ARTICLES FLUORESCENTS A COUCHES DE FILM MULTIPLES**
[72] BUONI, DREW J., US
[72] WEI, GUANG-XUE, US
[71] AVERY DENNISON CORPORATION, US
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[54] **SYSTEME ET PROCEDE DE CONSTRUCTION DE PROCESSUS DE GESTION DE PROJETS**
[72] LIM, GUERRY, US
[72] LEE, HYUNG, US
[72] CLAGGETT, STUART LEE, US
[71] HANDYSOFT CORPORATION, US
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[54] **SAMPLE CARRIER HAVING RELEASABLE LOCKING MECHANISM**
[54] **PORTE-ECHANTILLONS DOTE D'UN MECANISME DE BLOCAGE REVERSIBLE**
[72] WEBB, MATTHEW W., US
[72] TSEO, GUS G., US
[72] TALMER, MARK A., US
[72] SEVIGNY, GERARD J., US
[72] AVILES, ROBERT C., US
[71] GEN-PROBE INCORPORATED, US
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[54] **TRANSMIT PROCESSING USING RECEIVER FUNCTIONS**
[54] **PROCEDE DE TRANSMISSION FAISANT APPEL A DES FONCTIONS DE RECEPTION**
[72] OZLUTURK, FATIH M., US
[72] PAN, JUNG-LIN, US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
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[72] TRUJILLO, CHRIS, US
[72] KARAS, PETER M., US
[72] BAUMGART, MARK D., US
[72] WILBER, RICHARD G., US
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[54] **FILTER CARTRIDGE AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **CARTOUCHE FILTRANTE ET SON PROCEDE DE PRODUCTION**
[72] ASCHER, RALF, DE
[72] SCHMID, NIKOLAJ, DE
[72] SCHNIEDER, GEORG, DE
[71] PALL CORPORATION, US
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[54] **IMPROVING PERFORMANCE OF AN ANALYTE MONITORING DEVICE**
[54] **AMELIORATION DE L'EFFICACITE D'UN DISPOSITIF DE SURVEILLANCE D'ANALYTE**
[72] TAMADA, JANET A., US
[72] LESHO, MATTHEW J., US
[72] HARPER, WESLEY S., US
[72] KULCU, ERAY, TR
[72] BARTKOWIAK, MIROSLAW, US
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[54] **ENERGY MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION D'ENERGIE**
[72] BEAUDET, JOSEPH, US
[72] PEACHEY, DAVID, US
[72] TURNER, JAMES H., US
[72] EHLERS, GREGORY A., US
[72] LOUGHMILLER, GEORGE E., JR., US
[72] STRICH, RON, US
[71] ROBERTSHAW CONTROLS COMPANY, US
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[54] **FILM MINCE FONCTIONNEL**
[72] TAKAHASHI, TAMOTSU, JP
[72] SHOJI, YOSHIKAZU, JP
[72] SAKAMAKI, KOICHI, JP
[72] MUSHA, KIYOSHI, JP
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[54] **METHOD FOR CONTINUOUS MEASUREMENT OF FLUX OF GASES IN THE LUNGS DURING BREATHING**
[54] **PROCEDE POUR MESURER EN CONTINU LES FLUX DE GAZ DANS LES POUMONS PENDANT LA RESPIRATION**
[72] FISHER, JOSEPH, CA
[72] AZAMI, TAKAFUMI, CA
[72] ADAMS, TEHILLA, CA
[72] VESELY, ALEX, CA
[72] PREISS, DAVID, CA
[72] PRISMAN, EITAN, CA
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[54] **COMPOSES THIAZOL-2-YL-IMINE UTILISES COMME INHIBITEURS DE PDE-7**
[72] BERNARDELLI, PATRICK, FR
[72] DUCROT, PIERRE, FR
[72] VERGNE, FABRICE, FR
[72] LORTHIOIS, EDWIGE, FR
[71] WARNER-LAMBERT COMPANY, US
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[72] AOKI, THOMAS T., US
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[54] **APPARATUS FOR ITERATIVE HARD-INPUT FORWARD ERROR CORRECTION DECODING**
[54] **APPAREIL DE DECODAGE ITERATIF DE CORRECTION D'ERREURS SANS VOIE DE RETOUR A DECISION FERME**
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[72] POPPINGA, CARSTEN, DE
[71] INTEL CORPORATION, US
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[54] **SYSTEME ET PROCEDE PERMETTANT D'OPTIMISER LA PLAGE DE FONCTIONNEMENT D'UN SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES**
[72] CANIPE, LARRY, US
[72] HABERSTICH, DAN, US
[72] LEONE, STEVEN V., US
[71] SENSORMATIC ELECTRONICS CORPORATION, US
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[54] **TRAITEMENT DE TISSU**
[72] RAO, DOREEN, US
[72] MINASIAN, ZAROUHI, US
[72] MCKENNA, ERIN, US
[72] BUISIER, MARCIA, US
[72] LI, JIANMIN, US
[72] BOURNE, GEORGE, US
[72] LANPHERE, JANEL, US
[72] KEENAN, STEVE, US
[72] CASEY, THOMAS V., II, US
[71] BOSTON SCIENTIFIC LIMITED, BB
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[54] **PROCEDES DE FABRICATION DE MICROSPHERES POLYMERES**
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[72] BUISER, MARCIA, US
[71] BOSTON SCIENTIFIC LIMITED, BB
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[54] **PARTICULE D'ADMINISTRATION DE MEDICAMENTS**
[72] LANPHERE, JANEL, US
[72] NAIMARK, WENDY, US
[72] BUISER, MARCIA, US
[72] MANGIN, STEPHAN, US
[72] MCKENNA, ERIN, US
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[54] **PEPTIDES NEUROTROPHES ET NEUROPROTECTEURS**
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[54] **UTILISATION DE STATINES ET D'AUTRES AGENTS IMMUNOMODULATEURS DANS LE TRAITEMENT DES MALADIES AUTO-IMMUNES**
[72] GARREN, HIDEKI, US
[72] STEINMAN, LAWRENCE, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[71] BAYHILL THERAPEUTICS, INC., US
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[87] 2003-10-09 (WO2003/082269)
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[54] **PROCEDE DE FABRICATION DE PARTICULES OSSEUSES**
[72] SHIMP, LAWRENCE A., US
[72] PETERSEN, KENNETH C., US
[72] MORRIS, JOHN W., US
[72] DAUGHERTY, MARK P., US
[71] OSTEOTECH, INC., US
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[54] **COMPOSITION DE RESINE THERMOPLASTIQUE RESISTANT AUX IMPACTS**
[72] KADOKURA, MAMORU, JP
[72] YAMAGUCHI, KATSUMI, JP
[71] KANEKA CORPORATION, JP
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[54] **PRODUITS DE RESINIFICATION D'ACIDES GRAS MONOMERES**
[72] FONTANA, THOMAS A., NL
[71] ARIZONA CHEMICAL COMPANY, US
[85] 2004-09-28
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[54] **MOUVEMENT PASSIF D'UN PATIENT DANS UN TOMOGRAPHE A RESONANCE MAGNETIQUE**
[72] ILAN, ELIAS, DE
[71] ILAN, ELIAS, DE
[85] 2004-09-28
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[54] **EXTENSION DE BOITIER ELECTRIQUE**
[72] WEGNER, WESLEY GENE, US
[72] WEGNER, PAUL BRETT, US
[71] WEGNER, WESLEY GENE, US
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[87] 2003-10-16 (WO2003/085792)
[30] US (60/370,419) 2002-04-04
[30] US (10/144,210) 2002-05-13
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[25] EN
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[54] **GENOTHERAPIE SOMATIQUE DIRIGEE FAISANT APPEL A UN BIOADHESIF**
[72] NOH, MOON JONG, US
[72] LEE, KWAN HEE, US
[72] YI, YOUNGSUK, US
[72] SONG, SUN UK, KR
[71] TISSUEGENE, INC., US
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[54] **CARTOUCHE DE PROTECTION CONTRE LES SURTENSIONS**
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[72] BAUM, THOMAS H., US
[72] MCGOVERN, ALBERT, US
[72] HOEFT, DANIEL, US
[71] MARCONI INTELLECTUAL PROPERTY (RINGFENCE) INC., US
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[72] YOKOTA, AKIHIRO, JP
[71] NTL, INC., JP
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[54] **METHODE DE MODULATION D'ACTIVITE CELLULAIRE**
[72] PITSON, STUART M., AU
[72] XIA, PU, AU
[72] VADAS, MATHEW A., AU
[72] WATTENBERG, BRIAN W., US
[72] VERWEY, JULIA R., AU
[72] MORETTI, PAUL A., AU
[71] MEDVET SCIENCE PTY. LTD., AU
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[54] **COMMANDE A DISTANCE SECURISEE**
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[72] HERON, ANDREW PETER, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[54] **SYNCHRONISATION DANS DES INTERFACES MULTIMODALES**
[72] WISEMAN, RICHARD MICHAEL, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[54] **PROTEINES PHOSPHATASES ASSOCIEES AU CANCER ET LEURS UTILISATIONS**
[72] DELANEY, ALLEN D., CA
[71] QLT INC., CA
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[54] **SYSTEME DE GESTION DE L'ETAT DE FONCTIONNEMENT D'UNE PILE A COMBUSTIBLE**
[72] VERED, RON, CA
[72] DUNN, JAMES H., CA
[72] ADAMS, WILLIAM A., CA
[72] GARDNER, CHRISTOPHER L., CA
[71] ESTCO BATTERY MANAGEMENT INC., CA
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[54] **SEQUENCES D'ASPIRATION POUR POMPE TIRE-LAIT**
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[72] GRETER, ANDY, CH
[71] MEDELA HOLDING AG, CH
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[54] **POLYURETHANE FONCTIONNALISE**
[72] HILLE, DIETER, DE
[72] LAMERS, PAUL, DE
[72] JAHNY, KARSTEN, DE
[71] PPG INDUSTRIES LACKE GMBH, DE
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[54] **(4,2-DISUBSTITUTED-THIAZOL-5-YL)AMINE COMPOUNDS AS PDE7 INHIBITORS**
[54] **COMPOSES (4,2-DISUBSTITUE-THIAZOL-5-YLE)AMINE CONVENANT COMME INHIBITEURS PDE7**
[72] LORTHIOIS, EDWIGE, FR
[72] VERGNE, FABRICE, FR
[72] BERNARDELLI, PATRICK, FR
[72] DUCROT, PIERRE, FR
[71] WARNER-LAMBERT COMPANY, US
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[25] EN
[54] **NUCLEIC ACID SEQUENCE AND PROTEIN IN ADDITION TO POLYPEPTIDES CODING FOR MANNITOL-DEHYDROGENASES OR PARTS THEREOF AND THE PRODUCTION AND USE THEREOF IN DIAGNOSIS AND THERAPY**
[54] **SEQUENCE D'ACIDES NUCLEIQUES ET PROTEINE AINSI QUE POLYPEPTIDES CODANT DES MANNITOL DESHYDROGENASES OU LEURS PARTIES AINSI QUE LEUR PRODUCTION ET LEUR UTILISATION A DES FINS DE DIAGNOSTIC ET DE TRAITEMENT**
[72] WALLY, VERENA, AT
[72] SCHNEIDER, PETER, AT
[72] RICHTER, KLAUS, AT
[72] DENK, URSULA, AT
[72] TEIGE, MARKUS, AT
[72] EBNER, CHRISTOF, AT
[72] RADAUER, CHRISTIAN, AT
[72] SIMON-NOBBE, BIRGIT, AT
[72] BREITENBACH, MICHAEL, AT
[71] BIOMAY PRODUKTIONS- UND HANDELS-AKTIENGESELLSCHAFT, AT
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[54] **ASSEMBLED UNIT CONSISTING OF INDIVIDUALLY SEPARABLE TRANSDERMAL THERAPEUTIC SYSTEMS**
[54] **UNITE DE LIAISON DE SYSTEMES THERAPEUTIQUES TRANSDERMIQUES SEPARABLES INDIVIDUELLEMENT**
[72] WILSMANN, KLAUS M., DE
[71] GRUENENTHAL GMBH, DE
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[54] **HOST CELLS HAVING IMPROVED CELL SURVIVAL PROPERTIES AND METHODS TO GENERATE SUCH CELLS**
[54] **CELLULES HOTES PRESENTANT DES PROPRIETES DE SURVIE CELLULAIRE AMELIOREES, ET PROCEDE DE PRODUCTION DE TELLES CELLULES**
[72] FUSSENEGGER, MARTIN, CH
[72] MEENTS, HEIKO, DE
[72] ENENKEL, BARBARA, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
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[54] **DISPOSITIFS FILTRANTS**
[72] AGRESTA, MARK GERARD, US
[72] CARLEY, JOSEPH CRISTOPHER, US
[71] TETRA GMBH, DE
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[54] **PIPERAZINYL- OR PIPERIDINYLAMINE-SULFAMIC ACID AMIDES AS INHIBITORS OF STEROID SULFATASE**
[54] **AMIDES D'ACIDE SULFAMIQUE DE PIPERAZINYLE OU DE PIPERIDINYLAMINE EN TANT QU'INHIBITEURS DE STEROIDE SULFATASE**
[72] LEHR, PHILIPP, AT
[71] NOVARTIS AG, CH
[85] 2004-09-27
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[54] **METHOD AND APPARATUS FOR QUERYING RELATIONAL DATABASES**
[54] **PROCEDE ET APPAREIL PERMETTANT D'INTERROGER DES BASES DE DONNEES RELATIONNELLES**
[72] KLEIN, CAROLE, GB
[72] ETZOLD, THURE, GB
[72] LUO, JIE, GB
[72] SEERS, JOHN, GB
[71] LION BIOSCIENCE AG, DE
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[54] **METHOD AND APPARATUS FOR QUERYING RELATIONAL DATABASES**
[54] **PROCEDE ET APPAREIL DESTINES A L'INTERROGATION DES BASES DE DONNEES RELATIONNELLES**
[72] ETZOLD, THURE, GB
[72] SEERS, JOHN, GB
[72] LUO, JIE, GB
[72] KLEIN, CAROLE, GB
[71] LION BIOSCIENCE AG, DE
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[54] **DEVICE AND METHOD FOR THE PRODUCTION OF COMPOSITE MATERIALS**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION DE MATERIAUX COMPOSITES**
[72] FINCKH, HERMANN, DE
[72] STEGMAIER, THOMAS, DE
[72] PLANCK, HEINRICH, DE
[72] KARLSSON, JERRY, SE
[71] HSSA SWEDEN AG, SE
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[54] **COMPOSITIONS DE VACCINS A PROTEINES/ADN COMBINES**
[72] REIMANN, HANSJORG, DE
[72] SCHIRMBECK, REINHOLD ALOIS, DE
[72] LINDBLAD, ERIK B., DK
[71] BRENNTAG BIOSECTOR A/S, DK
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[54] **METHOD FOR FORMING HOUSINGS FOR ELECTRONIC COMPONENTS AND ELECTRONIC COMPONENTS THAT ARE HERMETICALLY ENCAPSULATED THEREBY**
[54] **PROCEDE DE FORMATION DE BOITIERS DANS LE CADRE DE COMPOSANTS ELECTRONIQUES ET COMPOSANTS ELECTRONIQUES ENCAPSULES HERMETIQUEMENT**
[72] LEIB, JURGEN, DE
[72] MUND, DIETRICH, DE
[71] SCHOTT AG, DE
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[54] **CHEMOKINES MUTANTS HAVING IMPROVED ORAL BIOAVAILABILITY**
[54] **MUTANTS DE CHIMIOKINES A BIODISPONIBILITE ORALE AMELIOREE**
[72] PROUDFOOT, AMANDA, FR
[72] KOSCO-VILBOIS, MARIE, FR
[72] WELLS, TIMOTHY, FR
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., NL
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[54] **NEUTRALISATION OF HIGHLY-TOXIC BIOCHEMICAL WASTE BY MEANS OF A SELF-CONTROLLED PLASMA, USING TRANSPORTABLE MEANS, AND METHOD FOR SAME**
[54] **NEUTRALISATION DE DECHETS BIOCHIMIQUES HAUTEMENT TOXIQUES PAR PLASMA AUTOCONTROLE, EFFECTUEE PAR DES MOYENS TRANSPORTABLES, ET PROCEDE CORRESPONDANT**
[72] REMY, ROGER, US
[71] AEROSPACE CONSULTING CORPORATION SPAIN, S.L., ES
[85] 2004-09-27
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[54] **OX40R BINDING AGENTS**
[54] **NOUVEAUX AGENTS LIANTS DE OX40R**
[72] SOTO JARA, CLAUDIO, CH
[72] PENA ROSSI, CLAUDIA, CH
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., NL
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[25] EN
[54] **POLYCYCLIC COMPOUNDS AS POTENT ALPHA2-ADRENOCEPTOR ANTAGONISTS**
[54] **COMPOSES POLYCYCLIQUES COMME ANTAGONISTES PUISSANTS DES RECEPTEURS $G(A)2-ADRENERGIQUES**
[72] KARJALAINEN, ARTO, FI
[72] SALLINEN, JUKKA, FI
[72] TOLVANEN, ARTO, FI
[72] HAAPALINNA, ANTTI, FI
[72] JOKELA, REIJA, FI
[72] DIN BELLE, DAVID, FI
[72] RATILAINEN, JARI, FI
[71] ORION CORPORATION, FI
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[25] FR
[54] **EPITOPES PEPTIDIQUES COMMUNS A DES ANTIGENES D'UNE MEME FAMILLE MULTIGENIQUE**
[54] **PEPTIDE EPITOPES COMMON TO ANTIGENS OF THE SAME MULTIGENE FAMILY**
[72] KOSMATOPOULOS, KOSTAS, FR
[72] GRAFF-DUBOIS, STEPHANIE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] INSTITUT GUSTAVE ROUSSY, FR
[85] 2004-09-27
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[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO CORRUGATED CARDBOARD SUPPORTS**
[54] **AMELIORATIONS DE SUPPORTS EN CARTON ONDULE**
[72] MULCAHY, STEPHEN, GB
[72] REILLY, IAN, GB
[71] MULCAHY, STEPHEN, GB
[71] REILLY, IAN, GB
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[86] 2003-03-10 (PCT/GB2003/000996)
[87] 2003-10-09 (WO2003/082685)
[30] GB (0207049.8) 2002-03-26
[30] GB (0213178.7) 2002-06-08

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[25] EN
[54] **ANALYZER FOR AUTOMATIC RAPID ANALYSIS OF THE ACETADEHYDE CONTENT OF PET PRODUCTS, PARTICULARLY PREFORMS, AND ITS OPERATIVE PROCESS**
[54] **ANALYSEUR SERVANT A L'ANALYSE AUTOMATIQUE ET RAPIDE DE LA TENEUR EN ACETALDEHYDES D'ARTICLES EN PET, EN PARTICULIER DE PREFORMES, ET SON PROCEDE DE FONCTIONNEMENT**
[72] SONZOGNI, SERGIO, IT
[72] AMICABILE, SILVIO, IT
[72] AMICABILE, MAURIZIO, IT
[72] MARABINI, SILVIA, IT
[71] MARABINI, SILVIA, IT
[85] 2004-09-27
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[87] 2003-10-09 (WO2003/083468)
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[54] **IMPROVEMENTS IN AND RELATING TO CORRUGATED CARDBOARD PALLETS**
[54] **AMELIORATIONS APPORTEES A DES PALETTES EN CARTON ONDULE ET RELATIVES AUXDITES PALETTES**
[72] MULCAHY, STEPHEN, GB
[72] REILLY, IAN, GB
[71] MULCAHY, STEPHEN, GB
[71] REILLY, IAN, GB
[85] 2004-09-27
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[25] EN
[54] **LOW FOAMING FORMULATION OF GLYPHOSATE**
[54] **FORMULATION DE GLYPHOSATE FAIBLEMENT MOUSSANTE**
[72] BAYLIS, ALAN DAVID, GB
[72] NELSON, ALAN FREDERICK, US
[72] FOWLER, JEFFREY DAVID, US
[72] BARNES, CLYDE JAMES III, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[71] SYNGENTA LIMITED, GB
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[54] **REFRIGERATING APPARATUS**
[54] **APPAREIL FRIGORIFIQUE**
[72] PARKER, STEVE C. J., GB
[72] TAYLOR, MARK PHILIP, GB
[72] FORBES, ANDREW, GB
[71] DYSON LIMITED, GB
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[54] **CENTRIFUGEUSES ET PROCEDES DE SEPARATION D'UNE MATIERE DE CHARGE**
[72] MITRA, SUBRATA, US
[72] KOCH, RICHARD JAMES, US
[72] WRIGHT, JOHN PATRICK, US
[72] SEYFFERT, KENNETH WAYNE, US
[71] VARCO I/P, INC., US
[85] 2004-09-27
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[87] 2003-10-09 (WO2003/082474)
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[54] **ITEM DISPLAY**
[54] **AFFICHAGE D'ARTICLES**
[72] BEARDOW, PAUL ROWLAND, GB
[71] SUPERSCAPE GROUP PLC, GB
[85] 2004-09-27
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[54] **FUEL CELL COMPRESSION ASSEMBLY**
[54] **ENSEMBLE DE COMPRESSION DE PILES A COMBUSTIBLE**
[72] PEACE, BENJAMIN NORMAN, GB
[72] NEWBOLD, ANTHONY, GB
[72] HOOD, PETER DAVID, GB
[71] INTELLIGENT ENERGY LIMITED, GB
[85] 2004-09-27
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[25] EN
[54] **IMPROVEMENTS IN PHARMACEUTICAL COMPOSITIONS**
[54] **AMELIORATIONS APPORTEES A DES COMPOSITIONS PHARMACEUTIQUES**
[72] EVANS, PAUL, GB
[72] SANTORO, GABRIELLA MARIA, IT
[72] JADHAV, VASUDEV, GB
[72] ROSS, NICOLETTE CHRISTA, GB
[72] HAPPE, ALAN MICHAEL, GB
[72] ROBERTS, STANLEY MICHAEL, GB
[72] SNAPE, TIMOTHY JAMES, GB
[71] CHARTERHOUSE THERAPEUTICS LIMITED, GB
[85] 2004-09-27
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[87] 2003-10-09 (WO2003/082813)
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[54] **PROCEDE ET DISPOSITIF DE DECONTAMINATION D'ESPACES FERMES**
[72] WATLING, DAVID, GB
[72] ADAMS, NICHOLAS MARK TURNER, GB
[71] BIOQUELL UK LIMITED, GB
[85] 2004-09-27
[86] 2003-03-28 (PCT/GB2003/001386)
[87] 2003-10-09 (WO2003/082355)
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[25] EN
[54] **RECOVERING MATERIALS**
[54] **RECUPERATION DE MATERIAUX**
[72] TOBIN, AUSTIN, GB
[72] MURRAY, JAMES, GB
[72] CROWTHER, NICHOLAS JOHN, GB
[72] EAGLAND, DONALD, GB
[71] ADVANCED GEL TECHNOLOGY LIMITED, GB
[71] AUBIN LIMITED, GB
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[30] GB (0207376.5) 2002-03-28
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[25] EN
[54] **A METHOD OF REGISTERING AND DEREGISTERING A USER**
[54] **PROCEDURE D'ENREGISTREMENT OU DE RADIATION D'UN UTILISATEUR**
[72] KALLE, TAMMI, FI
[71] NOKIA CORPORATION, FI
[85] 2004-09-27
[86] 2003-03-25 (PCT/IB2003/001410)
[87] 2003-10-02 (WO2003/081937)
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[54] **COMPOSITION COMPRISING ZOANTHUS SP. EXTRACT WITH ANTI-FOULING ACTIVITY AND A USE THEREOF**
[54] **COMPOSITION A BASE D'EXTRAIT DE L'ESPECE ZOANTHUS POSSEDANT UNE ACTION ANTI-SALISSURES ET UTILISATION DE CETTE COMPOSITION**
[72] GONSALVES, CYNTHIA OLIMPIA LYDIA, IN
[72] ACHUTHANKUTTY, CHITTUR THELAKKAT, IN
[72] SUBRAYAN, PERUNNINAKULATH PARAMESWARAN, IN
[72] NAIK, CHANDRAKANT GOVIND, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[85] 2004-09-27
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[13] A1
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[25] EN
[54] **SLIPPING PROPERTY IMPARTING AGENT FOR CLEAR COATING AND CLEAR COATING PAPER HAVING THE AGENT APPLIED THEREON**
[54] **AGENT PROCURANT UNE PROPRIETE DE GLISSEMENT POUR REVETEMENT TRANSPARENT ET PAPIER DE REVETEMENT TRANSPARENT ENDUIT A SA SURFACE D'UN TEL AGENT**
[72] ONO, HIROSHI, JP
[72] NONOMURA, FUMINARI, JP
[72] MIYATA, TSUTOMU, JP
[72] FUJIWARA, HIDEKI, JP
[72] NAKANO, YOSHINOBU, JP
[71] NIPPON PAPER INDUSTRIES, CO., LTD., JP
[71] SAN NOPCO LIMITED, JP
[85] 2004-09-27
[86] 2003-03-26 (PCT/JP2003/003719)
[87] 2003-10-02 (WO2003/080930)
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[25] EN
[54] **ANXIOLYTIC AGENTS WITH REDUCED SEDATIVE AND ATAXIC EFFECTS**
[54] **AGENTS ANXIOLYTIQUES A EFFETS SEDATIFS ET ATAXIQUES REDUITS**
[72] LI, XIOAYAN, US
[72] COOK, JAMES M., US
[72] YU, JIANMING, US
[72] HAN, DONGMEI, US
[72] HUANG, QI, US
[72] HE, XIAOHUI, US
[72] MCELROY, JOHN F., US
[72] LELAS, SNJEZANA, US
[71] WISYS TECHNOLOGY FOUNDATION, INC., US
[85] 2004-09-27
[86] 2003-03-28 (PCT/US2003/009587)
[87] 2003-10-09 (WO2003/082832)
[30] US (60/368,408) 2002-03-28

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[51] **Int.Cl. 7A61H 23/00 7A61H 23/02**
[25] EN
[54] **PERCUSSIVE MASSAGER WITH VARIABLE NODE SPACING**
[54] **APPAREIL DE MASSAGE A PERCUSSION AVEC RENFLEMENTS A ESPACEMENT VARIABLE**
[72] LEV, MORDECHAI, US
[72] FERBER, ROMAN S., US
[72] HUANG, CHARLES, US
[71] HOMEDICS, INC., US
[85] 2004-09-27
[86] 2003-03-17 (PCT/US2003/008284)
[87] 2003-10-09 (WO2003/082179)
[30] US (10/108,871) 2002-03-28

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[25] EN
[54] **AMINO ACIDS WITH AFFINITY FOR THE ALPHA-2-DELTA-PROTEIN**
[54] **ACIDES AMINES A AFFINITE VIS-A-VIS DE LA PROTEINE ALPHA-2-DELTA ($G(A)2$G(D))**
[72] SCHWARZ, JACOB BRADLEY, US
[72] THORPE, ANDREW JOHN, US
[72] BARTA, NANCY SUE, US
[72] WUSTROW, DAVID JUERGEN, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2004-09-27
[86] 2003-03-17 (PCT/IB2003/000976)
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[25] EN
[54] **INHIBITORS OF AKT ACTIVITY**
[54] **INHIBITEURS DE L'ACTIVITE DE AKT**
[72] ZHAO, ZHIJIAN, US
[72] LINDSLEY, CRAIG W., US
[71] MERCK & CO., INC., US
[85] 2004-09-30
[86] 2003-04-04 (PCT/US2003/010341)
[87] 2003-10-23 (WO2003/086403)
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[13] A1
[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **USE OF TRANSTHYRETIN PEPTIDE/PROTEIN FUSIONS TO INCREASE THE SERUM HALF-LIFE OF PHARMACOLOGICALLY ACTIVE PEPTIDES/PROTEINS**
[54] **UTILISATION DE FUSIONS DE TRANSTHYRETINE PEPTIDE/ PROTEINE DESTINEES A ACCROITRE LA DEMI-VIE SERIQUE DE PEPTIDES/ PROTEINES ACTIFS AU PLAN PHARMACOLOGIQUE**
[72] XIONG, FEI, US
[72] WALKER, KENNETH, US
[71] AMGEN, INC., US
[85] 2004-09-30
[86] 2003-04-03 (PCT/US2003/010443)
[87] 2003-10-23 (WO2003/086444)
[30] US (10/117,109) 2002-04-04

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[25] FR
[54] **PEPTIDES ET LEUR APPLICATION EN THERAPEUTIQUE**
[54] **NOVEL PEPTIDES AND THE APPLICATION THEREOF IN THERAPY**
[72] ZAGURY, JEAN-FRANCOIS, FR
[71] VAXCONSULTING, FR
[85] 2004-09-30
[86] 2003-04-09 (PCT/FR2003/001120)
[87] 2003-10-16 (WO2003/084979)
[30] FR (02/04464) 2002-04-10

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[25] EN
[54] **THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE**
[54] **POLYPEPTIDES THERAPEUTIQUES, ACIDES NUCLEIQUES LES CODANT ET LEURS PROCEDES D'UTILISATION**
[72] RASTELLI, LUCA, US
[72] LI, LI, US
[72] PEYMAN, JOHN A., US
[72] CASMAN, STACIE J., US
[72] PATTURAJAN, MEERA, US
[72] EDINGER, SHLOMIT R., US
[72] BURGESS, CATHERINE E., US
[72] GERLACH, VALERIE L., US
[72] ALSOBROOK, JOHN P., II, US
[72] RIEGER, DANIEL K., US
[72] ROTHENBERG, MARK E., US
[72] LEPLEY, DENISE M., US
[72] LIU, XIAOHONG, US
[72] ZERHUSEN, BRYAN D., US
[72] MACDOUGALL, JOHN R., US
[72] SHIMKETS, RICHARD A., US
[72] GROSSE, WILLIAM M., US
[72] LAROCHELLE, WILLIAM J., US
[72] MALYANKAR, URIEL M., US
[72] STONE, DAVID J., US
[72] ANDERSON, DAVID W., US
[72] JI, WEIZHEN, US
[72] PADIGARU, MURALIDHARA, US
[72] MILLET, ISABELLE, US
[72] TAUPIER, RAYMOND J., JR., US
[72] VERNET, CORINE A. M., US
[72] BOLDOG, FERENC L., US
[72] GUSEV, VLADIMIR Y., US
[72] GUO, XIAJIA, US
[71] CURAGEN CORPORATION, US
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[87] 2003-10-16 (WO2003/085096)
[30] US (60/368,996) 2002-04-01
[30] US (60/369,980) 2002-04-04
[30] US (60/370,381) 2002-04-05
[30] US (60/370,969) 2002-04-08
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF HERPES SIMPLEX VIRUS INFECTION**
[54] **COMPOSITIONS ET PROCEDES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE L'INFECTION DU VIRUS DE L'HERPES SIMPLEX**
[72] PARSONS, JOSEPH M., US
[72] DAY, CRAIG H., US
[72] HOSKEN, NANCY A., US
[71] CORIXA CORPORATION, US
[85] 2004-10-01
[86] 2003-04-09 (PCT/US2003/011231)
[87] 2003-10-23 (WO2003/086308)
[30] US (10/121,988) 2002-04-11
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[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**
[25] EN
[54] **EXCHANGE INFRASTRUCTURE SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME D'INFRASTRUCTURE D'ECHANGE**
[72] LIENERT, CHRISTIAN, DE
[72] DEIMEL, ANTON, DE
[72] KIRCHGASSNER, WALTER, DE
[72] MEINERT, HOLGER, DE
[72] REINER, KURT, DE
[72] WEBER, PAUL, DE
[71] SAP AKTIENGESELLSCHAFT, DE
[85] 2004-09-27
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[87] 2003-10-09 (WO2003/083600)
[30] US (60/368,848) 2002-03-28
[30] US (10/402,349) 2003-03-27
[30] US (10/402,351) 2003-03-27
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[51] **Int.Cl. 7A61K 39/09 7A61K 39/00 7C07K 1/00 7A61K 39/02 7A61K 39/385**
[25] EN
[54] **PROTEIN-BASED STREPTOCOCCUS PNEUMONIAE VACCINES**
[54] **VACCINS CONTRE STREPTOCOCCUS PNEUMONIAE A BASE PROTEIQUE**
[72] MIZRACHI NEBENZAHL, YAFFA, IL
[71] BEN-GURION UNIVERSITY OF THE NEGEV RESEARCH AND DEVELOPMENT AUTHORITY, IL
[85] 2004-09-27
[86] 2003-04-01 (PCT/IL2003/000271)
[87] 2003-10-09 (WO2003/082183)
[30] US (60/368,981) 2002-04-02

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[51] **Int.Cl. 7C03B 37/018**
[25] EN
[54] **A METHOD OF FABRICATING RARE EARTH DOPED OPTICAL FIBRE**
[54] **PROCEDE DE FABRICATION D'UNE FIBRE OPTIQUE DOPEE AUX TERRES RARES**
[72] SEN, RANJAN, IN
[72] PAL, MRINMAY, IN
[72] PAUL, MUKUL CHANDRA, IN
[72] CHATTERJEE, SOMESH, IN
[72] DASGUPTA, KAMAL, IN
[72] BHADRA, SHYAMAL KUMAR, IN
[71] MINISTRY OF INFORMATION TECHNOLOGY, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[85] 2004-09-27
[86] 2002-03-28 (PCT/IN2002/000089)
[87] 2003-10-09 (WO2003/082756)

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[25] EN
[54] **POLYMERIZATION INITIATOR PASTE COMPOSITION, DENTAL OR SURGICAL ADHESIVE, AND ADHESIVE KIT**
[54] **COMPOSITION D'AMORCE DE POLYMERISATION DE PATE, RESINE DE SCELLEMENT OU COLLE CHIRURGICALE ET KIT D'ADHESIFS**
[72] TOMIKAWA, TAMOTSU, JP
[72] ZENG, WEIPING, JP
[71] SUN MEDICAL CO., LTD., JP
[85] 2004-09-27
[86] 2003-03-13 (PCT/JP2003/003020)
[87] 2003-10-09 (WO2003/082931)
[30] JP (2002-092992) 2002-03-28

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[25] EN
[54] **POLYCARBONATE COPOLYMER,AND HEAT RESISTANT PARTS COMPRISING THE SAME**
[54] **COPOLYCARBONATE ET ELEMENT RESISTANT A LA CHALEUR COMPRENANT LE COPOLYMERE**
[72] TOKUDA, TOSHIMASA, JP
[72] OKAMOTO, YOSHIMASA, JP
[72] IKEDA, KOKI, JP
[72] ANDO, MASATO, JP
[71] TEIJIN CHEMICALS, LTD., JP
[85] 2004-09-27
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[87] 2003-10-09 (WO2003/082951)
[30] JP (2002-90888) 2002-03-28
[30] JP (2002-138144) 2002-05-14
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[25] EN
[54] **BULKY PAPER**
[54] **PAPIER BOUFFANT**
[72] NAKAMURA, MITSUTOSHI, JP
[72] OHASHI, REIJI, JP
[72] NANRI, YASUNORI, JP
[72] NAKANO, TOMOYUKI, JP
[71] NIPPON PAPER INDUSTRIES, CO., LTD., JP
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[87] 2003-10-09 (WO2003/083211)
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[25] EN
[54] **COMPOSITION FOR STORING ORGAN AND METHOD OF STORING ORGAN**
[54] **COMPOSITION POUR LE STOCKAGE D'ORGANE ET PROCEDE DE STOCKAGE D'ORGANE**
[72] TASHIRO, YASUHITO, JP
[72] NAKAMURA, HIROFUMI, JP
[72] YOSHIDA, KAZUNARI, JP
[72] MASAKI, YOSHIHIKO, JP
[72] ENDO, TADAO, JP
[71] MEIJI SEIKA KAISHA, LTD., JP
[85] 2004-09-27
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[87] 2003-10-23 (WO2003/086072)
[30] JP (2002/91830) 2002-03-28

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[25] EN
[54] **DENTAL VISCOUS PHARMACEUTICAL CONTAINING BASIC FIBROBLAST GROWTH FACTOR**
[54] **PREPARATION PHARMACEUTIQUE DENTAIRE VISQUEUSE CONTENANT UN FACTEUR DE CROISSANCE DES FIBROBLASTES**
[72] KONNO, YOSHIHIRO, JP
[72] FURUKAWA, AKIHIKO, JP
[72] OGATA, YUJI, JP
[72] FUKUNAGA, KAZUHIRO, JP
[71] KAKEN PHARMACEUTICAL CO., LTD., JP
[85] 2004-09-27
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[87] 2003-10-09 (WO2003/082321)
[30] JP (2002-98977) 2002-04-01

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[51] **Int.Cl. 7C07D 471/04**
[25] EN
[54] **PROCESS FOR PREPARING ACID SALTS OF GEMIFLOXACIN**
[54] **PROCEDE DE PREPARATION DE SELS ACIDES DE GEMIFLOXACINE**
[72] CHOI, HOON, KR
[72] CHOI, BO-SEUNG, KR
[72] CHOI, SANG-CHUL, KR
[72] NAM, DO-HYUN, KR
[71] LG LIFE SCIENCES LTD., KR
[85] 2004-09-27
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[87] 2003-10-23 (WO2003/087100)
[30] KR (10-2002-0018847) 2002-04-08

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[51] **Int.Cl. 7A61K 38/08 7A61P 9/10**
[25] EN
[54] **USE OF ANGIOTENSIN 1-7 FOR ENHANCING CARDIAC FUNCTION**
[54] **UTILISATION D'ANGIOTENSINE 1-7 AFIN D'AMELIORER LA FONCTION CARDIAQUE**
[72] VAN GILST, WIEKERT HENDRIKUS, NL
[72] ROKS, ANTONIUS JACOBUS MARINUS, NL
[72] VAN DER GRAAF, ADRIANUS CORNELIS, NL
[72] HENNING, ROBERT HENK, NL
[71] CITEQ B.V., NL
[85] 2004-09-27
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[87] 2003-10-09 (WO2003/082318)
[30] EP (02076219.1) 2002-03-28

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[13] A1
[51] **Int.Cl. 7C01B 13/11**
[25] EN
[54] **A METHOD AND DEVICE AT AN OZONE GENERATOR UNIT**
[54] **PROCEDE ET DISPOSITIF UTILISES AVEC UNE UNITE DE PRODUCTION D'OZONE**
[72] ARLEMARK, JAN, SE
[71] VATRELLA AB, SE
[85] 2004-09-27
[86] 2003-04-04 (PCT/SE2003/000552)
[87] 2003-10-23 (WO2003/086966)
[30] SE (0201026-2) 2002-04-05

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[51] **Int.Cl. 7H04L 29/06 7G06F 1/00**
[25] EN
[54] **METHOD AND DEVICE FOR COMPUTER MEMORY PROTECTION AGAINST UNAUTHORIZED ACCESS**
[54] **PROCEDE ET DISPOSITIF DESTINES A LA PROTECTION D'UNE MEMOIRE D'ORDINATEUR CONTRE L'ACCES NON AUTORISE**
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[54] **ADHERENT N,O-CARBOXYMETHYLCHITOSAN DRUG DELIVERY DEVICES FOR MOIST TISSUE AND METHODS OF THEIR USE**
[54] **DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT N,O-CARBOXYMETHYLCHITOSANE ADHESIF POUR TISSUS HUMIDE ET LEURS PROCEDES D'UTILISATION**
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[72] ELSON, CLIVE, CA
[71] CHITOGENICS, INC., US
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[54] **PROCEDE A THERMOSIPHON DESTINE A PRODUIRE UNE REFRIGERATION**
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[72] BILLINGHAM, JOHN FREDRIC, US
[72] BONAQUIST, DANTE PATRICK, US
[72] LYNCH, NANCY JEAN, US
[72] ZIA, JALAL, US
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[54] **DISPOSITIF ELECTRIQUE REMPLACABLE DESTINE A UNE FOREUSE A PERCUSSION**
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[72] DAS, PRALAY K., US
[71] BAKER HUGHES INCORPORATED, US
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[54] **EXTENDED LIP WICKET SLIDER DELI BAG**
[54] **SACHET POUR EPICERIE FINE A OUVERTURE A LEVRES**
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[72] EDELMAN, PAUL F., US
[71] PLIANT CORPORATION, US
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[54] **MAGNETIC DEVICE FOR REFRIGERANT PERFORMANCE ENHANCEMENT**
[54] **DISPOSITIF MAGNETIQUE DESTINE A AMELIORER LES PERFORMANCES D'UN REFRIGERANT**
[72] SAMI, SAMUEL, CA
[72] KULISH, PETER A., US
[72] KITA, RONALD J., US
[72] SHIVO, GARRETT J., US
[71] MAGNETIZER INDUSTRIAL TECHNOLOGIES, INC., US
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[54] **FORME DE DOSAGE A LIBERATION CONTROLEE A VOLUME EFFICACE**
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[72] JAO, FRANCISCO, US
[72] WONG, PATRICK S. L., US
[72] SKLUZACEK, ROBERT R., US
[72] LI, SHU S. L., US
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[54] **CYLINDRE A GAZ COMPRIME**
[72] DE LA SERNA, PEDRO, US
[71] ALZA CORPORATION, US
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[54] **COFFRAGE DE PANNEAU MURAL EN BETON RELEVABLE ET PROCEDE DE FABRICATION CORRESPONDANT**
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[72] HEYES, MELVYN P., US
[72] BOLDOG, FERENC L., US
[72] GUNTHER, ERIK, US
[72] LI, LI, US
[72] BURGESS, CATHERINE E., US
[72] CASMAN, STACIE J., US
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[72] GOULD-ROTHBERG, BONNIE E., US
[72] ZHONG, MEI, US
[72] MALYANKAR, URIEL M., US
[72] SPYTEK, KIMBERLY A., US
[72] ANDERSON, DAVID W., US
[72] GORMAN, LINDA, US
[72] BENTO, PATRICIA, US
[72] EDINGER, SHLOMIT R., US
[72] STONE, DAVID J., US
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[72] SMITHSON, GLENNDA, US
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[54] **ETIQUETTES ET METHODES DE FABRICATION CONNEXE**
[72] EXETER, MALCOLM KEITH, GB
[72] SMITH, RICKI BRENT, GB
[72] ATKINS, PAUL GEOFFREY, GB
[72] THOMPSON, IAN, GB
[71] FIELD GROUP PLC, GB
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[54] **APPARATUS AND METHOD FOR ELECTROCHEMICAL DETECTION AND CONTROL OF INORGANIC SCALE**
[54] **DISPOSITIF ET PROCEDE DE DETECTION ET DE REGULATION ELECTROCHIMIQUES DU TARTRE INORGANIQUE**
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[71] INTERCORR INTERNATIONAL, INC., US
[71] INTERCORR INTERNATIONAL, INC., US
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[54] **PROCEDE DE TRAITEMENT DU BOIS, DE FARINE DE BOIS ET ANALOGUES, EQUIPEMENT DESTINE AU TRAITEMENT DU BOIS, PRODUITS FABRIQUES A PARTIR DU BOIS MODIFIE ET PRODUITS FABRIQUES A PARTIRDE LA FARINE DE BOIS TRAITEE ET ANALOGUES**
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[71] NIJMAN WOOD MODIFICATION TRADING COMPANY LTD., IE
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[71] BAVEREL, ANDRE, FR
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[72] SAUNDERS, STEVE, CA
[71] IBM CANADA LIMITED, US
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[54] **GRILLE DE CALCUL POUR JEUX EN LIGNE MULTI-JOUEURS A GRANDE ECHELLE ET AUTRES APPLICATIONS EN SESSION ET A ETAT PERSISTANT IMMERSIVES MULTI-UTILISATEURS**
[72] WIRT, MARK C., US
[72] LEVINE, DAVID A., US
[72] MINTON, GABRIEL D., US
[72] WHITEBOOK, BARRY A., US
[71] BUTTERFLY.NET, INC., US
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[54] **INTERFACE ELECTROPHORESE CAPILLAIRE-SPECTROMETRIE DE MASSE**
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[72] ELGSTOEN, KATJA B. PRESTO, NO
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[72] SILVERBROOK, KIA, AU
[71] SILVERBROOK RESEARCH PTY LTD., AU
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[54] **BOITIER D'INSTRUMENTS ET DETECTEUR DE RAYONNEMENTS INTEGRE**
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[72] FREDERICK, LARRY D., US
[72] MEDLEY, DWIGHT, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **MOTEUR ELECTRIQUE A AIMANT PERMANENT ROTATIF COMPORTANT DES PIECES POLAIRES DE STATOR DE DIMENSIONS VARIABLES**
[72] SOGHOMONIAN, ZAREH SALMASI, US
[72] MASLOV, BORIS A., US
[71] WAVECREST LABORATORIES, LLC, US
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[72] SHIMIZU, YOSHINORI, JP
[72] SAKANO, KENSHO, JP
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[54] **COPOLYMERES D'ETHYLENE ET D'ALPHA-OLEFINE, PROCEDES ET UTILISATIONS**
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[72] HEILMAN, WILLIAM, US
[72] I-CHING, CHIU, US
[71] PENNZOIL-QUAKER STATE COMPANY, US
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[72] SCALLEN, TERENCE J., US
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[54] **METHOD AND APPARATUS FOR MEASURING THE OUTSIDE DIMENSIONS OF A PACKAGE**
[54] **PROCEDE ET APPAREIL POUR MESURER LES DIMENSIONS EXTERIEURES D'UN COLIS**
[72] PRUTU, VICTOR NICOLAS, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **CHENILLE ET ROUES DE GUIDAGE POUR VEHICULES TOUT TERRAIN GRANDE VITESSE**
[72] DELAND, ANDRE, CA
[72] FAUCHER, CLAUDE, CA
[72] SOUCY, GILLES, CA
[71] SOUCY INTERNATIONAL INC., CA
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[54] **MIROIR ELECTROCHIMIQUE INCORPORANT UN TROISIEME SURFACE DE REFLECTION ET UNE SOURCE LUMINEUSE**
[72] BAUER, FREDERICK T., US
[72] FORGETTE, JEFFREY A., US
[72] VANDERZWAAG, SCOTT W., US
[72] ROBERTS, JOHN K., US
[72] ANDERSON, JOHN S., US
[72] STAM, JOSEPH S., US
[72] BECHTEL, JON H., US
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[72] CAMMENGA, DAVID J., US
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[54] **DISPOSITIF D'EMPILAGE D'ELEMENTS LONGS**
[72] BLANCHET, DANY, CA
[72] DUBE, RICHARD, CA
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[51] **Int.Cl. 7A23J 1/14 7A23D 9/00 7A23J 1/00 7C11B 1/04 7C11B 1/06 7A23K 1/16 7A23K 1/18**
[25] EN
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[72] HIGGS, DAVID, CA
[72] SHAND, IAN, CA
[72] CAIRNS, ROBERT E., CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF FISHERIES AND OCEANS, CA
[22] 2001-05-08
[41] 2001-11-15
[62] 2,408,551
[30] US (09/566,728) 2000-05-09
[30] CA (2,335,745) 2001-02-13

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[21] **2,482,416**
[13] A1
[51] **Int.Cl. 7A61B 17/12 7A61B 17/28**
[25] EN
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[72] GRAY, JOEL DONALD, US
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[72] BLOCK, THOMAS J., US
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[71] ALLEGIANCE CORPORATION, US
[22] 1998-09-24
[41] 1999-04-01
[62] 2,272,895
[30] US (08/936,394) 1997-09-25

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[51] **Int.Cl. 7A47F 7/16 7G09F 5/00**
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[71] WALLCROWN LIMITED, CA
[22] 2003-07-04
[41] 2004-03-01
[62] 2,434,363

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[21] **2,482,555**
[13] A1
[51] **Int.Cl. 7B65B 43/46 7B65B 43/12 7B65B 43/26 7B65D 75/42**
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[72] ZENDE, CHARLES C., US
[71] CRYOVAC INC., US
[22] 1998-10-23
[41] 1999-10-28
[62] 2,329,207
[30] US (09/064,333) 1998-04-22

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[21] **2,482,601**
[13] A1
[51] **Int.Cl. 7B61L 5/02 7E01B 7/02**
[25] EN
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[22] 2001-08-31
[41] 2003-02-28
[62] 2,356,487

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[21] **2,482,618**
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[51] **Int.Cl. 7H04B 7/185 7H04Q 7/38**
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[72] MACRIDIS, PHILIP, GB
[72] HARPER, JOHN ANTHONY, FR
[71] INMARSAT LTD., GB
[22] 1997-12-04
[41] 1998-06-11
[62] 2,273,784
[30] GB (9625475.0) 1996-12-06

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