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# Canadian Patent Office Record

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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.

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

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

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

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# Notices

## 1. Dates and Code Numerals Appearing in Patent Headings

### Dates

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

### Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

# Avis

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

### Dates

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

### Chiffres de code

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

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

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

## Avis

### 2. Country Code

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

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

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

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

### 4. Orders for Patents by Class or Sub-Class

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

### 2. Code des pays

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

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

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

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

### 4. Commande de brevets par classe ou sous-classe

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

## Notices

### 5. Advice on Making a Patent Application

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

### 6. Licensing of Patents

#### Voluntary Licences

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

#### Compulsory Licences

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

### 7. Patents Available for Licence or Sale

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

### 8. List of Patents Available for Licence or Sale

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

**2,361,729**

### 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

### 6. Octroi de licences en vertu des brevets

#### Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

#### Licences obligatoires

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

### 7. Brevets disponibles pour licence ou vente

Un astérisque (\*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

### 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

**2,361,729**

## Avis

### 9. Applications Open to Public Inspection

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

### 10. Language of Published Documents

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

### 9. Demandes mises à la disponibilité du public

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

### 10. Langue du document publié

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

## Notices

### 11. PATENT COOPERATION TREATY (PCT)

#### SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004

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

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

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

5. Late Payment Fee	50% of the fees that are due, or Minimum: Transmittal Fee Maximum: International Filing Fee
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#### 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
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#### 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.

## Avis

### 12. PCT notices

#### PCT Signature Requirements

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

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

#### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO 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](mailto:publications.mail@wipo.int) or visit their website at <http://www.wipo.int>.

### 13. PRACTICE NOTICE

#### **STATUTORY HOLIDAYS (*DIES NON*)**

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

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

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in 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 and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents

### 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 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](mailto:publications.mail@wipo.int) ou visiter leur site web à <http://www.wipo.int>.

### 13. ÉNONCÉ DE PRATIQUE

#### **JOURS FÉRIÉS (*DIES NON*)**

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

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

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

## Notices

transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

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

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

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

### Time limits under the Patent Cooperation Treaty

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

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

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

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 auquel aucune de ces deux circonstances n'existe plus.»

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

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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.

sent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

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

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

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

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

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

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

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

## **Notices**

### **14. Canadian Applications Open to Public Inspection**

The *Canadian Patent Office Record* of July 27, 2004 contains applications open to public inspection from July 4, 2004 - July 10, 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 4 juillet 2004 - 10 juillet 2004

## **Avis**

# Canadian Patents Issued

July 27, 2004

## Brevets canadiens délivrés

27 juillet 2004

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[11] 2,056,371  
[13] C

[51] Int.Cl. 5A61K 49/00 5A61B 8/00  
[25] EN  
[54] STABLE MICROBUBBLES SUSPENSIONS INJECTABLE INTO LIVING ORGANISMS  
[54] SUSPENSIONS DE MICROBULLES STABLES INJECTABLES DANS DES ORGANISMES VIVANTS  
[72] SCHNEIDER, MICHEL, CH  
[72] BICHON, DANIEL, FR  
[72] BUSSAT, PHILIPPE, FR  
[72] PUGINIER, JEROME, FR  
[72] HYBL, EVA, CH  
[73] BRACCO INTERNATIONAL B.V., NL  
[85] 1991-11-29  
[86] 1991-04-02 (PCT/EP1991/000620)  
[87] (WO1991/015244)  
[30] EP (90810262.7) 1990-04-02

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[11] 2,061,692  
[13] C

[51] Int.Cl. 5C07C 233/20 5A61K 7/00  
5A61K 31/16  
[25] FR  
[54] CERAMIDES, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS EN COSMETIQUE ET EN DERMOPHARMACIE  
[54] CERAMIDES; PROCESS FOR PREPARING THE SAME AND THEIR USE AS COSMETIC AND SKIN PHARMACEUTICAL AGENTS  
[72] ZYSMAN, ALEXANDRE, FR  
[72] VANLERBERGHE, GUY, FR  
[72] SEMERIA, DIDIER, FR  
[73] L'OREAL, FR  
[22] 1992-02-21  
[30] FR (91 02091) 1991-02-21

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[11] 2,062,702  
[13] C

[51] Int.Cl. 5C11D 3/39 5D06L 3/02  
[25] EN  
[54] OXIDANT COMPOSITION CONTAINING STABLE BLEACH ACTIVATOR GRANULES  
[54] COMPOSITION OXYDANTE CONTENANT DES GRANULES D'ACTIVATEURS DE BLANCHIMENT STABLES  
[72] BRODBECK, KEVIN J., US  
[72] OTTOBONI, THOMAS B., US  
[72] SPILLETT, CRISTINA, US  
[72] STEICHEN, DALE S., US  
[72] THOMPSON, SUZANNE M., US  
[72] ZIELSKIE, ALFRED G., US  
[72] BOLKAN, STEVEN A., US  
[73] THE CLOROX COMPANY, US  
[22] 1992-03-11  
[30] US (07/674,844) 1991-03-25

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[11] 2,063,294  
[13] C

[51] Int.Cl. 5C02F 5/10  
[25] EN  
[54] INHIBITION OF SILICA AND SILICATE DEPOSITION IN COOLING WATER SYSTEMS  
[54] METHODE POUR EMPECHER LA FORMATION DE DEPOTS D'OXYDE DE SILICIUM ET DE SILICATE DANS LES CIRCUITS D'EAU DE REFROIDISSEMENT  
[72] FREESE, DONALD T., US  
[73] BETZDEARBORN INC., US  
[22] 1992-03-18  
[30] US (07/729,519) 1991-07-12

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[11] 2,069,900  
[13] C

[51] Int.Cl. 5C12N 15/18 5C12N 9/12  
6C07K 16/28 5A61K 39/395 5A61K 47/48  
5C12N 15/54 5G01N 33/566 5G01N 33/577  
5C12Q 1/68 6C07K 14/71 6C07K 14/82  
[25] EN  
[54] DNA SEGMENT ENCODING A GENE FOR A RECEPTOR RELATED TO THE EPIDERMAL GROWTH FACTOR RECEPTOR  
[54] SEGMENT D'ADN CODANT UN GENE POUR UN RECEPTEUR LIE AU RECEPTEUR DES FACTEURS DE CROISSANCE EPIDERMIQUE  
[72] KRAUS, MATTHIAS H., US  
[72] AARONSON, STUART A., US  
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 1992-05-28  
[86] 1990-11-30 (PCT/US1990/007025)  
[87] (WO1991/008214)  
[30] US (444,406) 1989-12-01

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[11] 2,083,390  
[13] C

[51] Int.Cl. 5C02F 5/12  
[25] EN  
[54] POLYASPARTIC ACID AS A CALCIUM SULFATE AND A BARIUM SULFATE INHIBITOR  
[54] L'ACIDE POLYASPARTIQUE UTILISE COMME INHIBITEUR DU SULFATE DE CALCIUM ET DU SULFATE DE BARYUM  
[72] KOSKAN, LARRY P., US  
[72] LOW, KIM C., US  
[73] DONLAR CORPORATION, US  
[85] 1992-11-19  
[86] 1992-03-19 (PCT/US1992/002216)  
[87] (WO1992/016463)  
[30] US (671,380) 1991-03-19

**Canadian Patents Issued**  
**July 27, 2004**

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[13] C

[51] Int.Cl. 5E21D 15/50  
[25] EN  
[54] PRELOAD HEADBOARD FOR AN ELONGATE PROP  
[54] TRAVERSE D'APPUI POUR ETAI DE FORME ALLONGEE  
[72] PIENAAR, FRANS ROELOF PETRUS, ZA  
[73] MONDI LIMITED, ZA  
[22] 1992-12-18  
[30] ZA (91/9946) 1991-12-18

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[11] **2,087,130**  
[13] C

[51] Int.Cl. 5A61F 13/32  
[25] EN  
[54] TAMPON APPLICATOR  
[54] APPLICATEUR DE TAMPON  
[72] CAMPION, TERESA A., US  
[72] ALBRIGHT, MARK D., US  
[72] DAVISON, BETSY A., US  
[73] TAMBRANDS, INC., US  
[22] 1993-01-12  
[30] US (819,753) 1992-01-13

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[11] **2,089,115**  
[13] C

[51] Int.Cl. 5B60J 1/12  
[25] FR  
[54] VITRAGE LATERAL  
DEPLACABLE EN HAUTEUR POUR VEHICULES AUTOMOBILES  
[54] VERTICALLY MOVABLE SIDE GLAZING FOR MOTOR VEHICLES  
[72] KUSTER, HANS-WERNER, DE  
[72] KRAMLING, FRANZ, DE  
[72] BERNDSEN, FRIEDRICH-WILHELM, DE  
[73] SAINT GOBAIN VITRAGE INTERNATIONAL, FR  
[22] 1993-02-09  
[30] DE (P 42 03 752.2) 1992-02-10

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[11] **2,091,357**  
[13] C

[51] Int.Cl. 5B05B 1/08  
[25] EN  
[54] METHOD AND APPARATUS FOR CONVERTING PRESSURIZED LOW CONTINUOUS FLOW TO HIGH FLOW IN PULSES  
[54] METHODE ET APPAREIL POUR ELEVER LA PRESSION D'UNE MANIERE INTERMITTENTE D'UN LIQUIDE CONTENU DANS UN DEBIT A FAIBLE PRESSION  
[72] RUTTENBERG, GIDEON, US  
[73] DEVELOPED RESEARCH FOR IRRIGATION PRODUCTS, INC., US  
[85] 1993-03-09  
[86] 1990-09-10 (PCT/US1990/005033)  
[87] (WO1992/004126)

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[11] **2,096,297**  
[13] C

[51] Int.Cl. 5B41F 9/01  
[25] EN  
[54] TRANSFER DEVICE, SUCH AS A PRINTER DEVICE  
[54] DISPOSITIF D'IMPRESSION  
[72] MANDZUK, RAYMOND A., CA  
[73] MANDZUK, RAYMOND A., CA  
[22] 1993-05-14  
[30] US (08/057,779) 1993-05-06

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[11] **2,098,701**  
[13] C

[51] Int.Cl. 5B21D 53/02 5B21C 37/22  
5B23P 15/26  
[25] EN  
[54] REFRIGERANT TUBES FOR HEAT EXCHANGERS  
[54] CONDUITES DE FRIGORIGENE POUR ECHANGEURS DE CHALEUR  
[72] HIRANO, HIROSABURO, JP  
[72] YAMAMOTO, YUJI, JP  
[72] ITO, SHINJI, JP  
[73] SHOWA DENKO K.K., JP  
[22] 1993-06-17  
[30] JP (5-68578) 1993-03-26

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[11] **2,103,072**  
[13] C

[51] Int.Cl. 5C07D 233/32 5C07D 235/02  
5C07C 323/52  
[25] EN  
[54] PLEUROMUTILIN DERIVATIVES  
[54] DEVRIES DE LA PLEUROMUTILINE  
[72] MACHER, INGOLF, AT  
[73] BIOCHEMIE GESELLSCHAFT MBH, AT  
[85] 1993-11-12  
[86] 1993-04-29 (PCT/EP1993/001033)  
[87] (WO1993/022288)  
[30] AT (A897/92) 1992-05-04

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[11] **2,103,468**  
[13] C

[51] Int.Cl. 5C03B 5/237  
[25] EN  
[54] GLASS FURNACES  
[54] FOUR DE VERRERIE  
[72] QUIRK, RICHARD, GB  
[72] BIRD, DAVID ALAN, GB  
[72] SHULVER, IAN NIGEL WILLIAM, GB  
[72] MCINTOSH, ROBIN MAXWELL, GB  
[73] PILKINGTON GLASS LIMITED, GB  
[22] 1993-11-18  
[30] GB (9224852.5) 1992-11-27  
[30] GB (9310720.9) 1993-05-25

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[11] **2,103,861**  
[13] C

[51] Int.Cl. 5C07C 237/26 5C07C 231/12  
5C07D 295/15 5C07C 247/16 5C07D 207/  
16 5C07C 245/20 5C07C 271/24 5C07D  
211/34 5C07C 323/41 5C07C 255/60  
5C07D 233/61 5A61K 31/65  
[25] EN  
[54] NOVEL 7-(SUBSTITUTED)-8-(SUBSTITUTED)-9-(SUBSTITUTED AMINO)-6-DEMETHYL-6-DEOXYTETRACYCLINES  
[54] 7-(SUBSTITUANT)-8-(SUBSTITUANT)-9-(AMINO SUBSTITUE)-6-DEMETHYL-6-DEOXYTETRACYCLINES  
[72] SUM, PHAIK-ENG, US  
[72] LEE, VING J., US  
[72] HLAVKA, JOSEPH J., US  
[72] TESTA, RAYMOND T., US  
[73] WYETH HOLDINGS CORPORATION, US  
[22] 1993-08-11  
[30] US (07/928,598) 1992-08-13

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[13] C

[51] Int.Cl. 5F16L 35/00 5F16L 37/133  
[25] EN  
[54] FLUID COUPLING AND  
FASTENER CAPTURE DEVICE  
[54] DISPOSITIF DE CAPTURE ET  
COUPLEUR HYDRAULIQUE  
[72] BYNUM, KURT K., US  
[73] MOELLER MANUFACTURING CO.,  
INC., US  
[85] 1993-08-23  
[86] 1992-02-21 (PCT/US1992/001374)  
[87] (WO1992/015816)  
[30] US (07/660,645) 1991-02-25  
[30] US (07/826,005) 1992-01-27

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[11] 2,109,279  
[13] C

[51] Int.Cl. 5C08L 23/22 5C08L 53/00  
5C08L 23/28  
[25] EN  
[54] BUTYL ELASTOMERIC  
COMPOSITIONS  
[54] COMPOSITIONS ELASTOMERES  
BUTYLIQUES  
[72] KASZAS, GABOR, CA  
[72] PUSKAS, JUDIT EVA, CA  
[73] BAYER INC., CA  
[22] 1993-10-26  
[30] US (974,552) 1992-11-12

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[11] 2,109,872  
[13] C

[51] Int.Cl. 5E05B 9/04  
[25] EN  
[54] WEB FOR A BUILT-IN DOUBLE  
LOCK CYLINDER  
[54] PANNETON POUR CYLINDRE A  
DOUBLE TOUR ENCASTRE  
[72] KELLER, ERNST, CH  
[73] KELLER, ERNST, CH  
[22] 1993-11-24  
[30] CH (231/93-3) 1993-01-27

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[11] 2,110,680  
[13] C

[51] Int.Cl. 5A41D 13/00 5A63B 71/08  
5A41D 1/22  
[25] EN  
[54] EXERCISE GARMENT  
[54] VETEMENT D'ENTRAINEMENT  
[72] PRICE, LISA N., US  
[73] PRICE, LISA N., US  
[85] 1993-12-03  
[86] 1992-06-04 (PCT/US1992/004652)  
[87] (WO1992/022222)  
[30] US (711,171) 1991-06-05

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[11] 2,112,639  
[13] C

[51] Int.Cl. 5B01D 19/00 5C10G 5/00  
5C10G 7/00 5B01D 17/02  
[25] FR  
[54] PROCEDE DE DESHYDRATATION  
ET/OU DE FRACTIONNEMENT  
SIMULTANE D'UN EFFLUENT DE  
GISEMENT PETROLIER  
[54] PROCESS FOR  
SIMULTANEOUSLY DEHYDRATING  
AND/OR FRACTIONATING AN OIL  
DEPOSIT EFFLUENT  
[72] LERMITE, CHRISTOPHE, FR  
[72] LARUE, JOSEPH, FR  
[72] ROHEY, ALEXANDRE, FR  
[73] INSTITUT FRANCAIS DU PETROLE,  
FR  
[22] 1993-12-30  
[30] FR (92/16 032) 1992-12-30

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[11] 2,114,965  
[13] C

[51] Int.Cl. 5B01J 23/76  
[25] FR  
[54] CATALYSEUR DE REFORMAGE A  
LA VAPEUR ET SA METHODE DE  
PREPARATION  
[54] STEAM REFORMING PROCESS  
CATALYST AND PREPARATION  
METHOD THEREOF  
[72] BANGALA, DENIS NGOY, CA  
[72] CHORNET, ESTEBAN, CA  
[73] KEMESTRIE, CA  
[22] 1994-02-04

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[11] 2,116,798  
[13] C

[51] Int.Cl. 5B65B 43/34  
[25] EN  
[54] METHOD OF LOADING PRODUCT  
INTO A CONTAINED BAG  
[54] METHODE DE CHARGEMENT ET  
D'EMBALLAGE  
[72] DAVIS, ROBERT, CA  
[73] LIQUI-BOX CANADA INC., CA  
[22] 1994-03-02

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[11] 2,117,001  
[13] C

[51] Int.Cl. 5H01R 13/58  
[25] EN  
[54] ADJUSTABLE ELECTRICAL  
CORD CLAMP  
[54] SERRE-CABLE ELECTRIQUE  
REGLABLE  
[72] HOFFMAN, ERNEST G., US  
[73] HUBBELL INCORPORATED, US  
[22] 1994-03-04  
[30] US (08/040,993) 1993-03-31

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[11] 2,118,512  
[13] C

[51] Int.Cl. 5A61K 31/505 5A61K 31/495  
[25] EN  
[54] AGENTS FOR TREATING  
SUBSTANCE ABUSE DISORDERS  
[54] AGENTS UTILISES DANS LE  
TRAITEMENT DES TOXICOMANIES  
[72] BJORK, ANDERS, SE  
[72] ANDERSSON, GUNNAR, SE  
[73] BIOVITRUM AB, SE  
[85] 1994-10-19  
[86] 1993-04-19 (PCT/SE1993/000339)  
[87] (WO1993/020821)  
[30] SE (9201239.2) 1992-04-21

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[11] 2,121,491  
[13] C

[51] Int.Cl. 5B65D 25/28 5B65D 3/22  
5B65D 5/46  
[25] EN  
[54] CONTAINER HAVING EAR AND A  
METHOD FOR MANUFACTURING  
THE SAME  
[54] CONTENANT MUNI D'UNE  
ENTAILLE ET METHODE DE  
FABRICATION  
[72] YAMANAKA, NOBUO, JP  
[73] YOSHINO KOGYOSHO CO., LTD., JP  
[85] 1994-04-15  
[86] 1993-08-19 (PCT/JP1993/001161)  
[87] (WO1994/004421)  
[30] JP (4/63926U) 1992-08-19

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[13] C

[51] Int.Cl. 5F16B 25/10  
[25] EN  
[54] ANCHORAGE  
[54] ANCRAJE  
[72] ROSENBERG, MIKAEL, SE  
[73] ROSENBERG, MIKAEL, SE  
[85] 1994-05-11  
[86] 1992-11-11 (PCT/SE1992/000775)  
[87] (WO1993/010363)  
[30] SE (9103357) 1991-11-13

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**[11] 2,124,136**  
[13] C

[51] Int.Cl. 5C07D 275/02 5C07D 265/02  
5C07D 413/04 5C07D 417/04 5C07D 419/  
04 5C07D 291/06 5C07F 7/10  
[25] EN  
[54] METHOD FOR PRODUCING  
BENZYLIDENE DERIVATIVES  
[54] METHODE POUR L'OBTENTION  
DE DERIVES DU BENZYLIDENE  
[72] HAGA, NOBUHIRO, JP  
[72] INAGAKI, MASANAO, JP  
[72] MATSUMOTO, SAICHI, JP  
[72] KAMATA, SUSUMU, JP  
[73] SHIONOGI & CO., LTD., JP  
[22] 1994-05-24  
[30] JP (123909/1993) 1993-05-26  
[30] JP (084438/1994) 1994-04-22

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**[11] 2,124,264**  
[13] C

[51] Int.Cl. 5F02D 23/02  
[25] EN  
[54] TURBOCHARGED INTERNAL  
COMBUSTION ENGINE  
[54] TURBO DIESEL  
[72] RAMSDEN, JOHN NIGEL, GB  
[72] DRAKE, IAN WALTER, GB  
[73] MAN B&W DIESEL LTD., GB  
[22] 1994-05-25

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[13] C

[51] Int.Cl. 5G01N 33/46 5G01N 33/34  
5G01N 21/85  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DETERMINATION OF REFINER  
MECHANICAL PULP PROPERTIES  
[54] METHODE ET APPAREIL  
SERVANT A DETERMINER LES  
PROPRIETES DE LA PATE  
MECANIQUE DE RAFFINEUR  
[72] SAARINEN, KARI, FI  
[73] METSO AUTOMATION OY, FI  
[85] 1994-07-21  
[86] 1993-01-22 (PCT/FI1993/000023)  
[87] (WO1993/015389)  
[30] FI (920341) 1992-01-24

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[13] C

[51] Int.Cl. 6C07K 14/415 5A23J 1/12  
6C07K 1/30  
[25] EN  
[54] PROCESSES OF PRODUCING  
AMYLASE INHIBITORS  
[54] METHODES DE PREPARATION  
D'INHIBITEURS D'AMYLASE  
[72] MIYAZAKI, TOSHIYUKI, JP  
[72] MORIMOTO, TOSHIHISA, JP  
[72] MURAYAMA, RYUJI, JP  
[73] NAGATA SANGYO CO., LTD., JP  
[73] NISSHIN PHARMA INC., JP  
[22] 1994-08-01  
[30] JP (213500/1993) 1993-08-06

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**[11] 2,130,629**  
[13] C

[51] Int.Cl. 5F25D 17/04 5F25D 11/02  
[25] EN  
[54] TOP MOUNT REFRIGERATOR  
WITH AIR TOWER AND BAFFLE IN  
AIR CIRCULATION SYSTEM  
[54] REFRIGERATEUR A DEUX  
COMPARTIMENTS MUNI D'UN  
SYSTEME DE CIRCULATION D'AIR  
COMPRENANT UNE COLONNE D'AIR  
ET DES DEFLECTEURS  
[72] PICKLES, ERNEST C., US  
[72] MICU, ADRIAN I., US  
[73] WHIRLPOOL CORPORATION, US  
[22] 1994-08-22  
[30] US (08/120,803) 1993-09-15

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**[11] 2,133,862**  
[13] C

[51] Int.Cl. 5B42F 11/04  
[25] EN  
[54] MAGNETIC PAPER CLAMP AND  
METHOD OF PRODUCING SAME  
[54] PINCE-FEUILLES ET SA  
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[72] KRAPF, WALLACE A., US  
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[72] RAMSHAW, COLIN, GB  
[73] HUNTSMAN PETROCHEMICALS  
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[54] PROGRAMMATION DE  
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[72] KWOK, DANIEL S., US  
[72] CHO, KAR CHEONG, HK  
[73] GEMSTAR DEVELOPMENT  
CORPORATION, US  
[85] 1994-10-25  
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[30] US (07/877,687) 1992-05-01  
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[25] EN  
[54] BELT COOKING APPARATUS  
[54] APPAREIL DE CUISSON SUR  
CHAINE  
[72] ALDEN, LORNE B., US  
[72] CHAPMAN, RICHARD H., US  
[72] STERLING, GREG M., US  
[73] G.S. BLODGETT CORPORATION, US  
[22] 1994-11-22  
[30] US (08/158,581) 1993-11-29

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[13] C

- [51] Int.Cl. 5G06F 9/40  
[25] EN  
[54] METHOD AND SYSTEM FOR  
DYNAMICALLY GENERATING  
OBJECT CONNECTIONS  
[54] DISPOSITIF POUR LA CREATION  
DYNAMIQUE DE CONNEXIONS  
[72] STUTZ, DAVID S., US  
[72] ZIMMERMAN, CHRISTOPHER A.,  
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[73] MICROSOFT CORPORATION, US  
[22] 1994-12-09  
[30] US (08/166,976) 1993-12-13

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[13] C

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[25] EN  
[54] PASSIVE SONAR TRANSDUCER  
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[54] RESEAU DE TRANSDUCTEURS  
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[72] COTTERILL, PHILIP A., GB  
[73] FERRANTI-THOMSON SONAR  
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[22] 1995-02-09  
[30] GB (9405103.4) 1994-03-16

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[13] C

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[25] EN  
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VENEER LATHE NOSE BAR HEIGHT  
RELATIVE TO KNIFE DURING  
PEELING  
[54] REGLAGE AUTOMATIQUE DE LA  
HAUTEUR DE LA BARRE DE  
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RAPPORT AU COUTEAU DURANT  
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[72] ELY, GARY W., US  
[73] THE COE MANUFACTURING  
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[22] 1995-03-07  
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[25] EN  
[54] PRODUCTION OF  
POLYSUCCINIMIDE AND  
POLYASPARTIC ACID FROM MALEIC  
ANHYDRIDE AND AMMONIA  
[54] PRODUCTION DE  
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[72] MEAH, ABDUL REHMAN Y., US  
[73] DONLAR CORPORATION, US  
[85] 1995-03-17  
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[13] C

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[85] 1995-07-07  
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[13] C

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[25] EN  
[54] NON-ACIDIC PALLADIUM-BASED  
CATALYST SYSTEM AND ITS USE IN  
CARBONYLATION  
[54] SYSTEME CATALYSEUR A BASE  
DE PALLADIUM NON ACIDE ET SON  
UTILISATION POUR LA  
CARBONYLATION  
[72] DRENT, EIT, NL  
[72] PELLO, DENNIS HUMPHREY  
LOUIS, NL  
[72] HASSELAAR, MELIS, NL  
[73] SHELL INTERNATIONALE  
RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 1995-08-07  
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[30] EP (93200360.1) 1993-02-09

[11] 2,156,081  
[13] C

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[25] EN  
[54] DIFFUSION BARRIER LAYERS  
[54] COUCHES FAISANT BARRIERE  
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[72] DEAKIN, MARTIN JOHN, GB  
[72] NICHOLLS, JOHN RAYMENT, GB  
[73] QINETIQ LIMITED, GB  
[85] 1995-08-14  
[86] 1994-02-15 (PCT/GB1994/000301)  
[87] (WO1994/018359)  
[30] GB (9302978.3) 1993-02-15

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[13] C

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[25] EN  
[54] PETROLEUM FUEL ANTIFOAM  
ADDITIONS  
[54] ADDITIFS ANTIMOUSSES POUR  
CARBURANT A BASE DE PETROLE  
[72] LOMBARDI, ALESSANDRO, BE  
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[85] 1995-08-25  
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[54] ACCESSOIRE DENTAIRE MAGNETIQUE  
[72] HONKURA, YOSHINOBU, JP  
[72] LEI, TIAN, JP  
[72] FUJII, HIDEKI, JP  
[72] ARAI, KAZUO, JP  
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[73] AICHI STEEL WORKS, LTD., JP  
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[13] C

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[25] EN  
[54] PROCESS FOR REMOVING, SEPARATING AND CONCENTRATING METALS  
[54] METHODE D'ENLEVEMENT, DE TRIAGE ET DE CONCENTRATION DE METAUX  
[72] KRAKOWIAK, KRZYSZTOF E., US  
[72] TARRET, BRYON J., US  
[72] AN, HAOGUN, US  
[72] JOHNSON, DEBORAH F., US  
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[54] TIGE UTILISEE POUR LE FORAGE DIRIGÉ  
[72] STEWART, ARTHUR DEACEY, GB  
[72] SCHMIDT, KARL, GB  
[73] STABLE SERVICES LIMITED, GB  
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[13] C

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[25] EN  
[54] METHOD AND APPARATUS FOR MEASURING FLOW USING FREQUENCY-DISPERSIVE TECHNIQUES  
[54] METHODE ET APPAREIL DE MESURE DE DEBITS UTILISANT LA DISPERSION EN FREQUENCE  
[72] DIXON, ROBERT C., US  
[72] LAPP, THEODORE R., US  
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[73] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 1995-11-21  
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[13] C

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[25] EN  
[54] EXERCISING DEVICE AND METHOD OF USING SAME  
[54] EXERCISEUR ET METHODE Y FAISANT APPEL  
[72] GLOBUS, KARIN R., US  
[73] GLOBUS, KARIN R., US  
[85] 1995-08-08  
[86] 1994-02-05 (PCT/US1994/001292)  
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[54] MECANISME DE FREINAGE AUTOMATIQUE COMMANDE PAR UN FLUIDE SOUS PRESSION  
[72] BOWSER, GREGORY ALAN, US  
[72] MCCOLLOUGH, EDWARD C., US  
[73] AIR TURBINE TECHNOLOGY, INC., US  
[85] 1996-03-08  
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[13] C

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[54] MEDIATORS SUITABLE FOR THE ELECTROCHEMICAL REGENERATION OF NADH, NADPH OR ANALOGS THEREOF  
[54] MEDIATEURS POUR LA REGENERATION ELECTROCHIMIQUE DU NADH, DU NADPH ET DE SUBSTANCES SIMILAIRES  
[72] BLOCZYNSKI, MICHAEL L., US  
[72] COREY, PAUL F., US  
[72] DENG, YINGPING, US  
[72] MURRAY, ALISON J., US  
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[54] TOILE DE FORMATION MULTICOUCHE  
[72] QUIGLEY, SCOTT, US  
[73] WANGNER SYSTEMS CORPORATION, US  
[22] 1996-05-30  
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[13] C

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[54] CLEANING DEVICE FOR ENDLESS CONVEYOR  
[54] DISPOSITIF DE NETTOYAGE POUR TRANSPORTEUR SANS FIN  
[72] HARPER, CHRISTOPHER, GB  
[73] HARPER, CHRISTOPHER, GB  
[85] 1996-06-12  
[86] 1994-12-22 (PCT/GB1994/002810)  
[87] (WO1995/017341)  
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[25] EN  
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[54] MELANGE SEC POUR COMPOSITIONS LIQUIDES DE COULEUR STABLE  
[72] SMITH, WILLIAM J., US  
[72] MORAN, MARTIN J., US  
[72] RACICOT, WILLIAM F., US  
[73] THE QUAKER OATS COMPANY, US  
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[30] US (08/193,818) 1994-02-08
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[25] EN  
[54] TUNING SYSTEM FOR PIANOS  
[54] SYSTEME DESTINE A ACCORDER DES PIANOS  
[72] CHAPLIN, PAUL DAVID, AU  
[73] ATHENRY ENTERPRISES LIMITED, HK  
[85] 1996-08-22  
[86] 1995-02-15 (PCT/GB1995/000319)  
[87] (WO1995/022815)  
[30] US (08/200,180) 1994-02-22
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[13] C

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[25] EN  
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[54] BALLON GONFLABLE ECLAIRANT  
[72] CHABERT, PIERRE GABRIEL, FR  
[73] AIRSTAR, FR  
[85] 1996-10-28  
[86] 1995-04-27 (PCT/FR1995/000550)  
[87] (WO1995/029739)  
[30] FR (94/05216) 1994-04-29
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[13] C

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[25] EN  
[54] FLUID COMPRESSION/ EXPANSION MACHINE WITH FLUTED MAIN ROTOR HAVING RULED SURFACE ROOT AND METHOD OF MANUFACTURE  
[54] MACHINE A COMPRESSION/ EXPANSION DE FLUIDE MUNIE D'UN ROTOR PRINCIPAL CANNELE AVEC ENCOCHES SUPERFICIELLES REGLEES, ET MODE DE FABRICATION  
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[73] JENSEN, DAVID L., US  
[22] 1996-10-30  
[30] US (60/007,153) 1995-11-01
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[13] C

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[54] COMPOSES DU GADOLINIUM POUR TRACEURS LIPOSOLUBLES  
[72] JONES, TIMOTHY G. J., GB  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1996-11-20  
[30] US (08/564,000) 1995-11-29
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[13] C

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[25] EN  
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[54] ENSEMBLE D'EMBRAYAGE EN DEUX PIECES A ASSEMBLAGE QUART-DE-TOUR  
[72] VASA, BEN, US  
[72] ROBBINS, FRANK, US  
[73] BORGWARNER INC., US  
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[30] US (08/593,629) 1996-01-30
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[13] C

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[25] EN  
[54] PROCESS FOR PRODUCING QUICK-BOILING OR INSTANT COOKING PASTAS AND NOODLES  
[54] PROCEDE POUR PRODUIRE DES PATES OU DES NOUILLES INSTANTANNEES OU A CUISSON RAPIDE  
[72] FUKUYAMA, TERUYASU, JP  
[73] FEED UP INC., JP  
[22] 1997-01-16  
[30] JP (8695/1996) 1996-01-22  
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[13] C

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[25] EN  
[54] TRANSMISSION AND RECEPTION SYSTEM FOR CONTROLLING LOCKING/UNLOCKING OPERATION OF KEY  
[54] SYSTEME D'EMISSION ET DE RECEPTION POUR COMMANDER LE BLOCAGE/DEBLOCAGE D'UNE CLE  
[72] OKAYASU, YOSHISADA, JP  
[72] MORISE, KEIJI, JP  
[72] YAMAMOTO, HIROAKI, JP  
[73] SONY CORPORATION, JP  
[22] 1997-03-13  
[30] JP (P08-062865) 1996-03-19
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[13] C

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[25] EN  
[54] FLOATING APPARATUS AND METHOD FOR FABRICATING THE APPARATUS  
[54] APPAREIL FLOTTANT ET METHODE POUR LE FABRIQUER  
[72] SULLAWAY BOBBY L., US  
[72] ROGERS, HENRY E., US  
[72] MURRAY, DICK A., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
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[25] EN  
[54] CARBON CONTAINING  
VASCULAR GRAFT AND METHOD  
FOR MAKING SAME  
[54] GREFFE VASCULAIRE  
CONTENANT DU CARBONE ET SON  
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[72] BANAS, CHRISTOPHER E., US  
[72] MCHANAY, JAMES M., US  
[73] BARD PERIPHERAL VASCULAR,  
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[85] 1997-03-20  
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[13] C

[51] Int.Cl. 6D01D 5/253 6D04H 3/14  
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[25] EN  
[54] FABRICS COMPOSED OF  
RIBBON-LIKE FIBROUS MATERIAL  
AND METHOD TO MAKE THE SAME  
[54] TISSU CONSTITUE D'UN  
MATERIAU FIBREUX EN FORME DE  
RUBAN ET SON PROCEDE  
D'ELABORATION  
[72] BLANEY, CAROL ANN, US  
[73] KIMBERLY-CLARK WORLDWIDE,  
INC., US  
[85] 1997-03-21  
[86] 1995-08-11 (PCT/US1995/010302)  
[87] (WO1996/009428)  
[30] US (08/311,664) 1994-09-23

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[13] C

[51] Int.Cl. 6A61H 39/04 6A61F 7/00  
6A61H 23/00  
[25] EN  
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[54] DISPOSITIF POUR SOULAGER  
LES CEPHALEES PAR TENSION  
PSYCHIQUE  
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[22] 1997-03-27  
[30] US (08/622,987) 1996-03-27

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[11] **2,203,356**  
[13] C

[51] Int.Cl. 6G07F 17/40 6G07F 7/00  
[25] EN  
[54] PHOTOFINISHING SYSTEM  
HAVING CUSTOMIZED CUSTOMER  
ORDER PAYMENT FEATURE  
[54] SYSTEME DE DEVELOPPEMENT  
ET DE TIRAGE A FONCTION DE DEBIT  
POUR COMMANDES PERSONNELLES  
DE CONSOMMATEURS  
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[73] EASTMAN KODAK COMPANY, US  
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[13] C

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[25] EN  
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CELLS HAVING DIFFERING  
CHARACTERISTICS  
[54] STENT MULTICELLULAIRES A  
CELLULES A CARACTERISTIQUES  
DIFFERENTES  
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[72] FISCHELL, DAVID R., US  
[72] FISCHELL, TIM A., US  
[73] CORDIS CORPORATION, US  
[22] 1997-05-06  
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6G01N 19/08 6G01N 3/56  
[25] EN  
[54] METHOD OF DETERMINING  
REMAINING LIFE OF A POWER  
TRANSMISSION BELT  
[54] METHODE D'EVALUATION DE  
L'ETAT D'USURE D'UNE COURROIE  
DE TRANSMISSION  
[72] MISHIMA, KYOICHI, JP  
[72] KITAHAMA, KOJI, JP  
[73] MITSUBOSHI BELTING LTD., JP  
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[30] JP (174298/1996) 1996-06-12

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[11] **2,212,921**  
[13] C

[51] Int.Cl. 6C03C 25/02  
[25] FR  
[54] PROCEDE DE FABRICATION  
D'UN MAT DE VERRE ET PRODUIT EN  
RESULTANT  
[54] METHOD FOR MAKING A GLASS  
MAT AND RESULTING PRODUCT  
[72] DUCHAMP, FABRICE, FR  
[72] ARPIN, MICHEL, FR  
[72] MOTSET, MICHEL, FR  
[73] VETROTEX FRANCE S.A., FR  
[85] 1997-08-05  
[86] 1996-12-12 (PCT/FR1996/001988)  
[87] (WO1997/021861)  
[30] FR (95/15113) 1995-12-12

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[13] C

[51] Int.Cl. 6A23L 3/36 6A23B 7/04 6A23B  
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[25] EN  
[54] METHOD FOR NON-FROZEN  
PRESERVATION OF FOOD OR THE  
LIKE AT TEMPERATURE BELOW  
FREEZING POINT  
[54] PROCEDE POUR LA  
CONSERVATION D'ALIMENTS OU  
AUTRES PRODUITS DU MEME GENRE  
NON CONGELES DANS LA PLAGE DE  
TEMPERATURES INFERIEURE AU  
POINT DE CONGELATION  
[72] YAMANE, AKIYOSHI, JP  
[72] YAMANE, AKIHICO, JP  
[73] HYO-ON INCORPORATED, JP  
[85] 1997-09-15  
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[87] (WO1996/028047)  
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[11] **2,215,824**  
[13] C

[51] Int.Cl. 6A23C 19/084 6A23L 1/308  
[25] EN  
[54] METHODS AND COMPOSITIONS  
FOR FAT FREE PROCESS CHEESE  
[54] PROCEDES ET COMPOSITIONS  
DE FABRICATION DE FROMAGES  
FONDUS EXEMPTS DE MATIERES  
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[72] MEHNERT, DAVID WEBB, US  
[72] PRINCE, STEVEN RICHARD, US  
[73] KRAFT FOODS, INC., US  
[85] 1997-09-18  
[86] 1996-03-18 (PCT/US1996/003682)  
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[30] US (08/425,053) 1995-04-19

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[11] 2,216,635  
[13] C

[51] Int.Cl. 6H04Q 7/38 6H04Q 7/36  
[25] EN  
[54] METHOD AND APPARATUS FOR  
MOBILE UNIT ASSISTED CDMA TO  
ALTERNATIVE SYSTEM HARD  
HANDOFF  
[54] PROCEDE ET APPAREIL POUR  
UNE UNITE MOBILE UTILISANT UN  
SYSTEME AMDC POUR EFFECTUER  
UN TRANSFERT "IMPOSE" SUR UN  
AUTRE SYSTEME  
[72] GILHOUSEN, KLEIN S., US  
[72] BAYLEY, GWAIN, US  
[72] TIEDEMANN, EDWARD G., JR., US  
[72] WEAVER, LINDSAY A., JR., US  
[73] QUALCOMM INCORPORATED, US  
[85] 1997-09-26  
[86] 1996-03-19 (PCT/US1996/004158)  
[87] (WO1996/031078)  
[30] US (413,306) 1995-03-30

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[11] 2,216,950  
[13] C

[51] Int.Cl. 6A61K 7/42 6A61K 7/06  
6A61K 7/13  
[25] FR  
[54] UTILISATION D'UNE SILICONE  
FILTRE POUR LA PROTECTION DE LA  
COULEUR DES FIBRES  
KERATINIQUES COLOREES  
ARTIFICIELLEMENT CONTRE LES  
EFFETS DES RADIATIONS UV  
[54] USE OF A SILICON FILTER TO  
PROTECT THE COLOUR OF  
ARTIFICIALLY COLOURED KERATIN  
FIBRES AGAINST THE EFFECTS OF  
UV RADIATION  
[72] RICHARD, HERVE, FR  
[72] BRAIDA-VALERIO, DAMARYS, FR  
[72] DUBIEF, CLAUDE, FR  
[72] LAGRANGE, ALAIN, FR  
[73] L'OREAL, FR  
[22] 1997-10-14  
[30] FR (96 12 564) 1996-10-15

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[11] 2,219,911  
[13] C

[51] Int.Cl. 6A61K 31/445 6A61K 45/06  
[25] EN  
[54] COMBINATIONS FOR THE  
TREATMENT OF PARKINSONISM  
CONTAINING SELECTIVE NMDA  
ANTAGONISTS  
[54] COMBINAISONS POUR LE  
TRAITEMENT DE LA MALADIE DE  
PARKINSON CONTENANT DES  
ANTAGONISTES DE NMDA  
[72] CHENARD, BERTRAND L., US  
[72] MENNITI, FRANK S., US  
[73] PFIZER INC., US  
[85] 1997-10-29  
[86] 1995-05-26 (PCT/IB1995/000398)  
[87] (WO1996/037226)

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[11] 2,220,054  
[13] C

[51] Int.Cl. 6B62D 5/083  
[25] EN  
[54] ROTARY VALVE FOR POWER  
STEERING GEAR  
[54] SOUPAPE ROTATIVE POUR  
DIRECTION ASSISTEE  
[72] THOMAS, ANDREW DONALD, AU  
[73] BISHOP STEERING PTY LIMITED,  
AU  
[73] UNISEARCH LTD., AU  
[85] 1997-11-03  
[86] 1996-05-03 (PCT/AU1996/000266)  
[87] (WO1996/034788)  
[30] AU (PN 2835) 1995-05-05  
[30] AU (PN 3436) 1995-06-08  
[30] AU (PN 6876) 1995-11-30

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[11] 2,220,413  
[13] C

[51] Int.Cl. 6E04C 1/00 6E02D 29/02  
6E04B 2/08  
[25] EN  
[54] A BLOCK FOR THE MORTARLESS  
CONSTRUCTION OF A WALL  
[54] BLOC POUR LA CONSTRUCTION  
D'UN MUR SANS MORTIER  
[72] LAMBERT, PAUL-EMILE, CA  
[72] FORTIN, MARC, CA  
[72] BOUCHARD, MICHEL, CA  
[73] NOVABRIK INTERNATIONAL INC.,  
CA  
[85] 1997-11-07  
[86] 1996-05-31 (PCT/CA1996/000348)  
[87] (WO1996/038636)  
[30] US (08/458,563) 1995-06-02  
[30] US (08/607,238) 1996-02-26

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[11] 2,221,933  
[13] C

[51] Int.Cl. 6D05B 53/00  
[25] EN  
[54] THREAD FEEDING APPARATUS  
FOR SEWING MACHINE  
[54] MECANISME D'AMENEÉ DE FIL  
POUR MACHINE A COUDRE  
[72] SAKUMA, KOIICHI, JP  
[73] SUZUKI MANUFACTURING, LTD.,  
JP  
[22] 1997-11-19  
[30] JP (9-81388) 1997-03-31

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[11] 2,225,238  
[13] C

[51] Int.Cl. 6F02M 35/10 6B63H 20/00  
[25] EN  
[54] AIR INTAKE ARRANGEMENT  
FOR OUTBOARD MARINE ENGINES  
[54] PRISE D'AIR POUR MOTEUR  
HORS-BORD  
[72] RINZAKI, SHOICHI, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA (ALSO TRADING  
AS HONDA MOTOR CO., LTD.), JP  
[22] 1997-12-18  
[30] JP (8-340076) 1996-12-19

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[11] 2,227,601  
[13] C

[51] Int.Cl. 6E21B 31/00 6E21B 7/24  
[25] EN  
[54] WELLBORE RESONANCE TOOLS  
[54] Outils resonants pour puits  
de forage  
[72] LYNDE, GERALD D., US  
[72] TUBEL, PAULO S., US  
[72] BALLANTYNE, RAY, US  
[72] FLANDERS, BRUCE A., US  
[73] BAKER HUGHES INCORPORATED,  
US  
[85] 1998-01-23  
[86] 1997-05-28 (PCT/US1997/009066)  
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[51] Int.Cl. 6B32B 13/14  
 [25] EN  
 [54] IMPROVED MAT-FACED GYPSUM BOARD AND METHOD OF MANUFACTURING SAME  
 [54] PLAQUE DE PLATRE AMELIOREE A FACE DOTEE DE MATS DE FIBRES ET PROCEDE DE FABRICATION DE LADITE PLAQUE  
 [72] O'HAVER-SMITH, DEBBIE, US  
 [73] G-P GYPSUM CORPORATION, US  
 [85] 1998-01-28  
 [86] 1996-08-16 (PCT/US1996/013259)  
 [87] (WO1997/006949)  
 [30] US (60/022,499) 1995-08-18

**[11] 2,228,108**  
 [13] C

[51] Int.Cl. 6B62D 55/12 6B62D 55/07  
 [25] EN  
 [54] POWER TRANSMISSION FOR SNOWMOBILE  
 [54] TRANSMISSION DE PUISSANCE POUR MOTONEIGES  
 [72] ASUMI, MICHIO, JP  
 [72] YOKOTANI, HITOSHI, JP  
 [72] IZUMI, YOSHIO, JP  
 [73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
 [22] 1998-01-29  
 [30] JP (9-053784) 1997-01-31

**[11] 2,230,843**  
 [13] C

[51] Int.Cl. 6G10D 3/14 6G10D 1/08  
 [25] EN  
 [54] A TUNER FOR STRINGED MUSICAL INSTRUMENTS  
 [54] ACCORDOIR POUR INSTRUMENTS DE MUSIQUE A CORDES  
 [72] HINE, ARTHUR H., CA  
 [72] COLLINGS, TIMOTHY, CA  
 [73] HINE, ARTHUR H., CA  
 [22] 1998-02-26  
 [30] US (08/821,788) 1997-03-21

**[11] 2,232,201**  
 [13] C

[51] Int.Cl. 6A63B 69/40  
 [25] EN  
 [54] SOCCER BALL PROJECTING APPARATUS  
 [54] APPAREIL POUR LANCER DES BALLES DE SOCCER  
 [72] ANDREWS, ALAN, CA  
 [73] ANDREWS, ALAN, CA  
 [22] 1998-03-16  
 [30] CA (2202609) 1997-04-14

**[11] 2,233,970**  
 [13] C

[51] Int.Cl. 6B29C 47/24 6B21C 25/00  
 [25] EN  
 [54] A METHOD FOR CONTINUOUS MANUFACTURE OF PROFILED SECTIONS AND A DEVICE FOR PERFORMING THE METHOD  
 [54] PROCEDE DE FABRICATION EN CONTINU DE PROFILES, ET DISPOSITIF POUR SA MISE EN OEUVRE  
 [72] JANSSON, MARK LARS, SE  
 [73] MARKRAM AB, SE  
 [85] 1998-04-03  
 [86] 1996-10-04 (PCT/SE1996/001253)  
 [87] (WO1997/012745)  
 [30] SE (9503474-0) 1995-10-06

**[11] 2,234,103**  
 [13] C

[51] Int.Cl. 6A01N 25/28 6A01N 53/02  
 6A01N 57/16  
 [25] EN  
 [54] INSECTICIDAL COMPOSITION  
 [54] COMPOSITION INSECTICIDE  
 [72] ALLISON, GAVIN IAN, AU  
 [72] THOMPSON, IAN ANDREW, AU  
 [72] BASSAM, DEAN ANTHONY, AU  
 [73] R & C ASSETS PTY LIMITED, AU  
 [85] 1998-04-06  
 [86] 1996-10-10 (PCT/AU1996/000639)  
 [87] (WO1997/013409)  
 [30] GB (9520705.6) 1995-10-10

**[11] 2,234,199**  
 [13] C

[51] Int.Cl. 6E21B 43/267 6C08L 5/00  
 6C08K 13/02 6C09K 7/02 6C08B 37/14  
 6C08K 5/17  
 [25] EN  
 [54] BORATE CROSS-LINKED WELL TREATING FLUIDS AND METHODS  
 [54] LIQUIDES DE TRAITEMENT POUR PUITS, RETICULES AU BORATE; METHODES CONNEXES  
 [72] YARITZ, JOSPEH G., US  
 [72] TERRACINA, JOHN M., US  
 [72] HARRIS, PHILLIP C., US  
 [72] SHUCHART, CHRIS E., US  
 [72] MCCABE, MICHAEL A., US  
 [72] NORMAN, LEWIS R., US  
 [72] POWELL, RONALD J., US  
 [72] SLABAUGH, BILLY F., US  
 [73] HALLIBURTON ENERGY SERVICES, INC., US  
 [22] 1998-04-03  
 [30] US (08/832,886) 1997-04-04

**[11] 2,235,005**  
 [13] C

[51] Int.Cl. 6A61M 15/00  
 [25] EN  
 [54] POWDER INHALER  
 [54] INHALATEUR DE POUDRE  
 [72] JUUSELA, PETRI, FI  
 [73] ORION CORPORATION, FI  
 [85] 1998-05-05  
 [86] 1996-11-08 (PCT/FI1996/000602)  
 [87] (WO1997/017097)  
 [30] FI (955441) 1995-11-10

**[11] 2,236,354**  
 [13] C

[51] Int.Cl. 6B01D 17/025 6C02F 1/40  
 [25] EN  
 [54] APPARATUS FOR SEPARATING A LIGHT FROM A HEAVY FLUID  
 [54] APPAREIL POUR SEPARER UN FLUIDE LEGER D'UN FLUIDE LOURD  
 [72] PANK, THOMAS E., US  
 [73] PANK, THOMAS E., US  
 [85] 1998-04-29  
 [86] 1997-01-17 (PCT/US1997/001425)  
 [87] (WO1997/027145)  
 [30] US (60/010,380) 1996-01-23  
 [30] US (60/010,791) 1996-01-29  
 [30] US (08/782,373) 1997-01-13

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[11] 2,238,440

[13] C

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[54] HIGH TEMPERATURE, HIGH SPEED ROTARY VALVE  
[54] SOUPAPE ROTATIVE A GRANDE VITESSE POUR HAUTES TEMPERATURES  
[72] LAU, JARK CHONG, US  
[72] SUGGS, KENNETH RANDALL, US  
[72] MCMANUS, JEFFREY LAWRENCE, US  
[72] GIPSON, LAMAR HEATH, US  
[72] GILES, PAUL ALLAN, US  
[72] HAYNES, BRYAN DAVID, US  
[73] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1998-06-09  
[86] 1996-11-21 (PCT/US1996/018660)  
[87] (WO1997/022822)  
[30] US (08/572,985) 1995-12-15
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[11] 2,239,690

[13] C

- [51] Int.Cl. 6A61G 5/10 6A61G 5/04  
[25] EN  
[54] ADJUSTABLE FRONT WHEEL STABILIZER FOR POWER WHEELCHAIR  
[54] STABILISATEUR REGLABLE DE ROUES AVANT POUR FAUTEUIL ROULANT ELECTRIQUE  
[72] PULVER, DALE A., US  
[73] INVACARE CORPORATION, US  
[22] 1998-06-05  
[30] US (08/944,194) 1997-10-06
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[11] 2,243,591

[13] C

- [51] Int.Cl. 6C07D 413/12 6C07D 273/01  
6C07D 413/14 6A01N 43/82 6A01N 43/88  
[25] EN  
[54] HALOGEN PYRIMIDINES AND ITS USE THEREOF AS PARASITE ABATEMENT MEANS  
[54] PYRIMIDINES HALOGENEES ET LEUR UTILISATION EN TANT QU'AGENTS DE LUTTE CONTRE LES PARASITES  
[72] GALLENKAMP, BERND, DE  
[72] STELZER, UWE, DE  
[72] GERDES, PETER, DE  
[72] DUTZMANN, STEFAN, DE  
[72] GAYER, HERBERT, DE  
[72] KRUGER, BERND-WIELAND, DE  
[72] HEINEMANN, ULRICH, DE  
[72] MARHOLD, ALBRECHT, DE  
[72] TIEMANN, RALF, DE  
[72] HANSSLER, GERM, DE  
[72] STENZEL, KLAUS, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1998-07-17  
[86] 1997-01-15 (PCT/EP1997/000151)  
[87] (WO1997/027189)  
[30] DE (196 02 095.6) 1996-01-22
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[11] 2,244,692

[13] C

- [51] Int.Cl. 6G01R 19/32  
[25] EN  
[54] TEMPERATURE COMPENSATED CURRENT MEASUREMENT DEVICE  
[54] APPAREIL POUR MESURER LES COURANTS ELECTRIQUES A COMPENSATION THERMIQUE  
[72] CAMERON, ROBERT FRASER, CA  
[72] MACCALLUM, HAAKON, CA  
[73] XANTREX INTERNATIONAL, BB  
[22] 1998-08-05  
[30] US (08/914,357) 1997-08-19
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[11] 2,244,910

[13] C

- [51] Int.Cl. 6H04N 5/262 6H04N 7/015  
6H04N 5/91  
[25] EN  
[54] EDITING DEVICE AND DATA TRANSMISSION METHOD  
[54] DISPOSITIF DE MISE EN FORME DE DONNEES ET PROCEDE DE TRANSMISSION DE DONNEES  
[72] NAGASAWA, FUMIHIRO, JP  
[73] SONY CORPORATION, JP  
[85] 1998-08-04  
[86] 1997-12-09 (PCT/JP1997/004521)  
[87] (WO1998/026589)  
[30] JP (8/328936) 1996-12-09
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[11] 2,245,767

[13] C

- [51] Int.Cl. 6B60N 2/42 6B64D 11/06  
[25] EN  
[54] LOAD-LIMITING SEAT  
[54] SIEGE LIMITANT LA CHARGE  
[72] YANIV, GERSHON, US  
[72] YUHAS, JAMES, US  
[72] LOU, KEN-AN, US  
[72] WARRICK, JAMES C., US  
[73] WEBER AIRCRAFT LP, US  
[85] 1998-08-07  
[86] 1997-02-07 (PCT/US1997/002778)  
[87] (WO1997/028983)  
[30] US (08/598,927) 1996-02-09
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[11] 2,246,542

[13] C

- [51] Int.Cl. 6B41M 5/24 6B41C 1/10  
[25] EN  
[54] LASER-IMAGEABLE RECORDING CONSTRUCTIONS UTILIZING CONTROLLED, SELF-PROPAGATING EXOTHERMIC CHEMICAL REACTION MECHANISMS  
[54] STRUCTURES  
D'ENREGISTREMENT PERMETTANT LA FORMATION D'IMAGES LASER ET FAISANT APPEL A DES MECANISMES REGULES DE REACTIONS CHIMIQUES EXOTHERMIQUES AUTOPROPAGEES  
[72] ELLIS, ERNEST W., US  
[73] PRESSTEK, INC., US  
[85] 1998-08-17  
[86] 1998-01-12 (PCT/US1998/000398)  
[87] (WO1998/030399)  
[30] US (08/782,625) 1997-01-13
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 [13] C

[51] Int.Cl. 6C08F 6/00 6B29B 13/00  
 6C08F 6/10 6C08F 6/28  
 [25] EN  
**[54] METHOD FOR REMOVING VOLATILE MATERIALS FROM A POLYMER COMPOSITION**  
**[54] METHODE D'ELIMINATION DES MATIERES VOLATILES D'UNE COMPOSITION A BASE DE POLYMERÉE**  
 [72] SUGIMOTO, RYUICHI, JP  
 [72] HONDA, HIROYA, JP  
 [72] KAWANO, KOJI, JP  
 [72] MAEDA, TETSUO, JP  
 [72] IWAMOTO, MUNE, JP  
 [72] MAEDA, YOZO, JP  
 [72] OTSUZUKI, SHIRO, JP  
 [72] MATSUBA, KENICHIRO, JP  
 [73] TOYO ENGINEERING CORPORATION, JP  
 [73] MITSUI CHEMICALS INC., JP  
 [22] 1998-09-29  
 [30] JP (265571/1997) 1997-09-30

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[11] **2,251,197**  
 [13] C

[51] Int.Cl. 6A61K 31/66 6A61K 31/16  
 6A61K 31/40 6A61K 31/44 6A61K 31/445  
 [25] EN  
**[54] THE USE OF MMP-13 SELECTIVE INHIBITORS FOR THE TREATMENT OF OSTEOARTHRITIS AND OTHER MMP-MEDIATED DISORDERS**  
**[54] L'EMPLOI D'INHIBITEURS SPECIFIQUES DE LA MMP-13 POUR LE TRAITEMENT DE L'ARTHROSE ET D'AUTRES TROUBLES CAUSES PAR DES MMP**  
 [72] MITCHELL, PETER GEOFFREY, US  
 [72] YOCUM, SUE ANN, US  
 [72] LOPRESTI-MORROW, LORI LYNN, US  
 [72] MCCLURE, KIM FRANCIS, US  
 [72] REEVES, LISA MARIE, US  
 [72] REITER, LAWRENCE ALAN, US  
 [72] ROBINSON, RALPH PELTON, US  
 [73] PFIZER PRODUCTS INC., US  
 [22] 1998-10-22  
 [30] US (60/062,766) 1997-10-24

[11] **2,253,570**  
 [13] C

[51] Int.Cl. 6D21F 9/00 6D21F 1/80  
 [25] EN  
**[54] PULP AND LINERBOARD FORMER WITH IMPROVED DEWATERING**  
**[54] MACHINE A FABRIQUER DE LA PATE A PAPIER ET DU CARTON DE DOUBLURE, PRESENTANT UN ESSORAGE AMELIORE**  
 [72] REMPEL, CORNELIUS N., US  
 [72] SANTOS, GILMAR, BR  
 [73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
 [73] METSO PAPER INC., FI  
 [85] 1998-11-05  
 [86] 1997-02-19 (PCT/US1997/003146)  
 [87] (WO1997/042374)  
 [30] US (08/643,557) 1996-05-06

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[11] **2,253,676**  
 [13] C

[51] Int.Cl. 6A01D 34/00 6A01D 55/00  
 6B24C 5/06 6B24C 3/32  
 [25] FR  
**[54] PROCEDE ET DISPOSITIF POUR LA COUPE DE LA VEGETATION**  
**[54] PROCESS AND DEVICE FOR CUTTING VEGETATION**  
 [72] LEGRAND, EMMANUEL, FR  
 [73] SPEED FRANCE, FR  
 [22] 1998-12-02

[11] **2,255,513**  
 [13] C

[51] Int.Cl. 6F16L 3/16 6F16B 9/00 6F16B 7/04  
 [25] EN  
**[54] ONE-PIECE SWIVEL CLIP**  
**[54] PINCE A PIVOT UNE PIECE**  
 [72] MEYER, CHARLES, US  
 [73] ILLINOIS TOOL WORKS INC., US  
 [22] 1998-12-08  
 [30] US (09/004,432) 1998-01-08

[11] **2,256,025**  
 [13] C

[51] Int.Cl. 6F41H 5/04  
 [25] EN  
**[54] PASSIVE ROOF ARMOR**  
**[54] BLINDAGE PASSIF DE TOIT**  
 [72] MIDDIONE, MARK ALBERT, US  
 [72] SINGH, PAUL P., US  
 [73] UNITED DEFENSE LP, US  
 [85] 1998-11-24  
 [86] 1997-05-19 (PCT/US1997/008511)  
 [87] (WO1997/045694)  
 [30] US (08/657,717) 1996-05-30

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[11] **2,256,769**  
 [13] C

[51] Int.Cl. 6F01N 7/14 6F01N 3/02 6F01N 3/28  
 [25] EN  
**[54] FREE-STANDING INTERNALLY INSULATING LINER**  
**[54] DOUBLURE ISOLANTE INTERNE AUTOPORTANTE**  
 [72] MERRY, RICHARD P., US  
 [72] SANOCKI, STEPHEN M., US  
 [72] DILLON, KENNETH R., US  
 [73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
 [85] 1998-12-01  
 [86] 1996-10-15 (PCT/US1996/016323)  
 [87] (WO1997/048890)  
 [30] US (08/665606) 1996-06-18

[11] **2,262,332**  
 [13] C

[51] Int.Cl. 6B23D 47/12 6B23D 45/02  
 6B28D 1/04  
 [25] EN  
**[54] CUTTING SAW MACHINE**  
**[54] SCIE A DEBITER**  
 [72] LEE, WY PERON, US  
 [73] LEE, WY PERON, US  
 [22] 1999-02-19  
 [30] US (09/228,837) 1999-01-12

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[13] C

[51] Int.Cl. 6B29C 49/04 6B29C 49/78  
[25] EN  
[54] METHOD FOR SIMULTANEOUS  
CONTROL OF MULTIPLE  
ACCUMULATORS  
[54] PROCEDE DE COMMANDE  
SIMULTANEE D'ACCUMULATEURS  
MULTIPLES  
[72] REBER, DEAN H., US  
[72] UTECH, JAMES R., US  
[73] MILACRON INC., US  
[85] 1999-02-23  
[86] 1997-08-22 (PCT/US1997/014895)  
[87] (WO1998/008665)  
[30] US (60/024,665) 1996-08-27

[11] 2,267,461  
[13] C

[51] Int.Cl. 6D21D 5/16  
[25] EN  
[54] SCREENING DEVICE, SUCH AS A  
SCREEN CYLINDER, AND METHOD  
OF MANUFACTURE OF THE  
SCREENING DEVICE  
[54] DISPOSITIF DE CLASSAGE, TEL  
QU'UN CYLINDRE A TAMIS, ET  
PROCEDE DE PRODUCTION DE CE  
DISPOSITIF  
[72] MAY, JONATHAN, GB  
[72] WOOD, TIM, GB  
[72] JURVANEN, JARI, GB  
[72] STEPHENSON, JOHN, GB  
[73] ADVANCED FIBER  
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[13] C

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[25] EN  
[54] PROCESS FOR PREPARING  
PHENOXYPHENYLSULFONYL  
HALIDES  
[54] PROCESSUS DE FABRICATION  
D'HALIDES  
PHENOXYPHENYLSULFONYLES  
[72] HAWKINS, JOEL MICHAEL, US  
[73] PFIZER PRODUCTS INC., US  
[22] 1999-04-08  
[30] US (60/081,393) 1998-04-10

[11] 2,272,133  
[13] C

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[25] EN  
[54] FLEXIBLE FOLDING  
AGRICULTURAL IMPLEMENT  
[54] INSTRUMENT ARATOIRE  
SOUPLE REPLIABLE  
[72] JEFFERY, HERBERT, US  
[72] MC NICHOLS, KELLY, US  
[73] JEFFERY, HERBERT, US  
[73] MC NICHOLS, KELLY, US  
[22] 1999-05-18  
[30] US (09/150,110) 1998-09-09

[11] 2,272,783  
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[51] Int.Cl. 6E04D 1/28 6B65D 71/06  
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[25] EN  
[54] STACK AND PACKAGE OF  
LAMINATED SHINGLES  
[54] EMPILAGE ET EMBALLAGE DE  
BARDEAUX STRATIFIES  
[72] QUARANTA, JOSEPH, US  
[72] NOONE, MICHAEL J., US  
[72] STAHL, KERMIT E., US  
[73] CERTAINTEED CORPORATION, US  
[22] 1999-05-28  
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[11] 2,272,730  
[13] C

[51] Int.Cl. 6C22C 14/00 6B21B 3/00  
6C21D 8/02 6C21D 9/52  
[25] EN  
[54] .ALPHA. + .BETA. TYPE  
TITANIUM ALLOY, A TITANIUM  
ALLOY STRIP, COIL-ROLLING  
PROCESS OF TITANIUM ALLOY, AND  
PROCESS FOR PRODUCING A COLD-  
ROLLED TITANIUM ALLOY STRIP  
[54] ALLIAGE DE TITANE DE TYPE  
ALPHA + BETA, BANDE EN ALLIAGE  
DE TITANE, PROCEDE DE LAMINAGE  
A FROID DE L'ALLIAGE ET PROCEDE  
DE FABRICATION D'UNE TELLE  
BANDE LAMEE A FROID  
[72] FURUTANI, KAZUMI, JP  
[72] FUJII, MASAMITSU, JP  
[72] OYAMA, HIDETO, JP  
[72] KIDA, TAKAYUKI, JP  
[73] KABUSHIKI KAISHA KOBE SEIKO  
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[11] 2,272,967  
[13] C

[51] Int.Cl. 6F16H 21/12 6F01D 9/04  
6F01D 5/22 6F04D 29/36 6F16H 21/48  
[25] EN  
[54] ROTATION MECHANISM FOR  
ROTATING A RING  
[54] MECANISME DE ROTATION  
D'UNE BAGUE  
[72] YASHIKI, TADAO, JP  
[72] ICHIRYU, TAKU, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
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[22] 1999-05-20  
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[11] 2,273,030  
[13] C

[51] Int.Cl. 6C07C 233/18 6C07C 231/02  
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60 6C07C 233/69  
[25] EN  
[54] PROCESS FOR PREPARING  
.BETA.-HYDROXYALKYLAMIDES  
[54] PROCESSUS DE FABRICATION DE  
.BETA.-HYDROXYALKYLAMIDES  
[72] GISLER, RENE, CH  
[72] REICH, ALBERT, CH  
[72] KAPLAN, ANDREAS, CH  
[73] EMS-CHEMIE AG, CH  
[22] 1999-05-26  
[30] DE (198 23 925.4-41) 1998-05-28

[11] 2,272,779  
[13] C

[51] Int.Cl. 6E04D 1/28 6E04D 1/12  
[25] EN  
[54] METHOD OF MAKING  
LAMINATED SHINGLES  
[54] METHODE DE FABRICATION DE  
BARDEAUX STRATIFIES  
[72] QUARANTA, JOSEPH, US  
[72] NOONE, MICHAEL J., US  
[72] STAHL, KERMIT E., US  
[73] CERTAINTEED CORPORATION, US  
[22] 1999-05-28  
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[51] Int.Cl. 6H03G 1/00  
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 [54] AMPLIFICATEUR A GAIN VARIABLE A PLAGE DYNAMIQUE ELEVEE  
 [72] SAHOTA, S. GURKANWAL, US  
 [73] QUALCOMM INCORPORATED, US  
 [85] 1999-06-08  
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 [25] EN  
**THE NEUROTROPHIC FACTOR NNT-1**  
 [54] FACTEUR NEUROTROPHIQUE NNT-1  
 [72] CHANG, MING-SHI, US  
 [72] ELLIOTT, GARY S., US  
 [72] SENALDI, GIORGIO, US  
 [72] SARMIENTO, ULLA, US  
 [73] AMGEN INC., US  
 [85] 1999-07-30  
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 [30] US (09/016,534) 1998-01-30

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**[11] 2,281,040**  
 [13] C

[51] Int.Cl. 6H04L 12/54 6H04L 12/18  
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 [25] EN  
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 [54] APPAREIL DE MESSAGERIE ELECTRONIQUE, APPAREIL DE TELECOPIE INTERNET ET SYSTEME DE COMMUNICATION PAR COURRIER ELECTRONIQUE  
 [72] SAITO, KYOJI, JP  
 [73] PANASONIC COMMUNICATIONS CO., LTD., JP  
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**[11] 2,282,181**  
 [13] C

[51] Int.Cl. 6E02F 5/18  
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 [54] SOC DE CHARRUE AMELIORE  
 [72] MESSINA, FRANK DOMENICK, US  
 [73] TYCO TELECOMMUNICATIONS (US) INC., US  
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 [13] C

[51] Int.Cl. 6H04L 12/28 6H04L 12/56  
 [25] EN  
**ATM RELAY DEVICE AND NETWORK INCLUDING SAME**  
 [54] REPETEUR MTA ET RESEAU LE COMPRENANT  
 [72] KISHIGAMI, TOHRU, JP  
 [72] IKEDA, TAKASHI, US  
 [72] HORIGUCHI, AKIHIRO, JP  
 [72] MORI, KAZUAKI, JP  
 [72] HIRAI, KEITARO, JP  
 [72] TAKAHASHI, JUNICHI, JP  
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 [13] C

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 [25] EN  
**NON-STAINING, ACID-STABLE, COLD-WATER-SOLUBLE, EDIBLE GREEN COLOR AND COMPOSITIONS FOR PREPARING ACIDIC FOODS AND BEVERAGES**  
 [54] COLORANT ALIMENTAIRE VERT QUI NE TACHE PAS, STABLE EN MILIEU ACIDE, SOLUBLE DANS L'EAU FROIDE ET COMPOSITIONS DE CE PRODUIT POUR PREPARER DES ALIMENTS ET BOISSONS ACIDES  
 [72] FROST, JOHN ROBERT, US  
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 [73] KRAFT FOODS, INC., US  
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 [54] ANTENNE HELICOÏDALE A DEUX BANDES  
 [72] FILIPOVIC, DANIEL, US  
 [72] TIDWELL, STEPHEN B., US  
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**[11] 2,286,611**  
 [13] C

[51] Int.Cl. 6A47C 1/02  
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 [54] MECANISME DE LIAISON POUR SIEGE INCLINABLE  
 [72] WRIGHT, DENNIS W., US  
 [72] FINZEL, KEN K., US  
 [72] SAUL, JONATHAN R., US  
 [72] MARSHALL, RICHARD E., US  
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  - [54] GAUFRAGE HAUTE PRESSION ET PAPIER AINSI PRODUIT
  - [72] SCHERZINGER, LINDA RAE, US
  - [72] MCNEIL, KEVIN BENSON, US
  - [72] HENSLER, THOMAS ANTHONY, US
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 [13] C

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  - [25] EN
  - [54] APPARATUS AND METHOD FOR SEALING INSULATED GLASS UNITS
  - [54] APPAREIL ET METHODE DE SCELLEMENT DE VITRAGES ISOLES
  - [72] LAFOND, LUC, CA
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- [72] WEAVER, JIM D., US
- [72] STANFORD, JAMES R., US
- [72] NGUYEN, PHILIP D., US
- [72] DEWPRASHAD, BRAHMADEO T., US
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- [30] US (09/188,880) 1998-11-09

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 [13] C

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  - [54] FILTRE MODULAIRE AVEC SYSTEME D'APPORT
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  - [73] EDWARDS LIFESCIENCES CORPORATION, US
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 [13] C

- [51] Int.Cl. 7F16B 27/00 7B25C 1/00  
**7F16B 15/08**
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  - [54] BANDE PORTEUSE POUR ATTACHES ET MAGASIN AVEC LA BANDE PORTEUSE
  - [72] DAUBINGER, GERD, DE
  - [72] VAN EGERAAT, HENDRIK A, SE
  - [73] HILTI AKTIENGESELLSCHAFT, LI
  - [22] 1999-12-09
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- [25] EN
- [54] METHOD AND APPARATUS FOR COMMUNICATING INFORMATION ABOUT A CALLED PARTY TO A CALLING PARTY
- [54] PROCEDE ET DISPOSITIF PERMETTANT DE COMMUNIQUER A UN APPELANT DES INFORMATIONS RELATIVES A UN APPELE
- [72] LUND, ARNOLD M., US
- [73] AMERITECH CORPORATION, US
- [85] 1999-11-29
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- [87] (WO1999/000751)
- [30] US (08/844,830) 1997-06-30

[11] **2,293,925**  
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- [51] Int.Cl. 7H01S 5/40
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  - [54] LASER DIODE ASSEMBLY
  - [54] ENSEMBLE DE DIODES LASER
  - [72] LABRANCHE, BRUNO, CA
  - [72] BONNIER, DENI, CA
  - [72] CHAMPAGNE, YVES, CA
  - [72] PARENT, ANDRE, CA
  - [73] INSTITUT NATIONAL D'OPTIQUE, CA
  - [22] 1999-12-31
  - [30] CA (2,284,946) 1999-10-04
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  - [54] SEALED THREADED PAIRING
  - [54] APPARIEMENT FILETE ETANCHE
  - [72] BUTER, JOSEF, DE
  - [73] BUMACH ENGINEERING INTERNATIONAL B.V., NL
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  - [30] DE (297 21 200.1) 1997-11-29
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- [54] SUPERFLUORESCENT FIBER SOURCE
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 [54] PROCEDE ET DISPOSITIF POUR ECLAIRAGE MULTICOLORE A DIODES ELECTROLUMINESCENTES  
 [72] MUELLER, GEORGE G., US  
 [72] LYS, IHOR A., US  
 [73] COLOR KINETICS INCORPORATED, US  
 [85] 2000-02-25  
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 [13] C

[51] Int.Cl. 7H04Q 7/20  
 [25] EN  
**METHOD AND SYSTEM FOR ESTIMATING A SUBSCRIBER'S LOCATION IN A CLUTTERED AREA**  
 [54] PROCEDE ET SYSTEME D'ESTIMATION DE LA POSITION D'UN ABONNE DANS UNE ZONE ENCOMBREE  
 [72] WANG, SHU-SHAW (PETER), US  
 [72] REED, JOHN DOUGLAS, US  
 [73] MOTOROLA, INC., US  
 [85] 2000-02-28  
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 [30] US (08/924,151) 1997-09-05

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 [13] C

[51] Int.Cl. 7A47B 53/00 7B65G 1/10  
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 [54] SYSTEME DE STOCKAGE MOBILE  
 [72] JANSON, STEVEN L., US  
 [73] SPACESAVER CORPORATION, US  
 [22] 2000-03-29  
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 [13] C

[51] Int.Cl. 6A61M 1/00 6A61M 37/00  
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 6F04B 43/12  
 [25] EN  
**PORTABLE PERISTALTIC PUMP FOR PERITONEAL DIALYSIS**  
 [54] POMPE PERISTALTIQUE PORTABLE POUR DIALYSE PERITONEALE  
 [72] WINTERTON, REED F., US  
 [72] HERBST, ROYCE, US  
 [72] SORENSEN, JAMES L., US  
 [72] HAIGHT, LEVOY G., US  
 [73] SORENSEN DEVELOPMENT, INC., US  
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 [13] C

[51] Int.Cl. 6A61B 17/04  
 [25] EN  
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 [54] SYSTEME D'INSERTION D'ANCRE DE SUTURE  
 [72] LIZARDI, JOSE E., US  
 [73] ETHICON, INC., US  
 [85] 2000-04-27  
 [86] 1998-09-08 (PCT/US1998/018912)  
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 [30] US (08/961,290) 1997-10-30

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 [13] C

[51] Int.Cl. 7H01R 12/22  
 [25] EN  
**SURFACE-MOUNT ELECTRICAL CONNECTION DEVICE**  
 [54] DISPOSITIF DE CONNEXION ELECTRIQUE MONTE EN APPLIQUE  
 [72] YACOUB, PATRICK, CA  
 [73] WECO ELECTRICAL CONNECTORS INC., CA  
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 [30] US (09/313,540) 1999-05-14

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 [13] C

[51] Int.Cl. 7H04B 7/185 7H04B 7/005  
 [25] EN  
**METHOD AND SYSTEM FOR PROVIDING SATELLITE COMMUNICATIONS USING ON-ORBIT PAYLOAD CONFIGURATION AND RECONFIGURATION**  
 [54] METHODE ET SYSTEME DE TELECOMMUNICATIONS PAR SATELLITE UTILISANT LA CONFIGURATION ET LA RECONFIGURATION DE LA CHARGE UTILE SUR ORBITE  
 [72] ANSELMO, CARL S., US  
 [73] HUGHES ELECTRONICS CORPORATION, US  
 [22] 2000-05-10  
 [30] US (325,110) 1999-06-03

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[11] **2,308,680**  
 [13] C

[51] Int.Cl. 7B65D 47/06  
 [25] EN  
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 [54] BOITE/CARTON TRANSFORMABLE-REFERMABLE AVEC BEC VERSEUR  
 [72] GALOMB, DAVID E., US  
 [73] FRES-CO SYSTEM USA, INC., US  
 [22] 2000-05-17  
 [30] US (09/358,011) 1999-07-21

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[11] **2,309,216**  
 [13] C

[51] Int.Cl. 6B32B 3/10 6B31F 1/22  
 [25] EN  
**LAMINATED PARTS AND METHOD OF MAKING SAME**  
 [54] PIECES STRATIFIEES ET LEUR PROCEDE DE FABRICATION  
 [72] FIELD, ROBERT H., US  
 [73] MEANS INDUSTRIES, INC., US  
 [85] 2000-05-05  
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[13] C

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[25] EN  
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[54] SOUS-VETEMENT UTILE AVEC UN ARTICLE ABSORBANT  
[72] REDWINE, NONA JANE, US  
[72] CARSTENS, JERRY EDWARD, US  
[72] AHR, NICHOLAS ALBERT, US  
[72] VISSCHER, RONALD BOSMAN, US  
[72] FURUTANI, YUKA, JP  
[72] SCHMITZ, DEBORAH CATHERINE, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-05-12  
[86] 1998-11-09 (PCT/US1998/023860)  
[87] (WO1999/025298)  
[30] US (60/065,240) 1997-11-13
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[11] 2,312,337  
[13] C

- [51] Int.Cl. 7H04N 1/04  
[25] EN  
[54] PRECISION DEEP INPUT GUIDE CLIP FOR DOCUMENT SCANNERS AND DOCUMENT SCANNERS INCORPORATING SAME  
[54] DISPOSITIF ENCLIPSABLE DE GUIDAGE D'ENTREE DE DOCUMENT POUR SCANNER ET SCANNER MUNIS DE CE DISPOSITIF  
[72] GATTO, JEAN-MARIE, GB  
[73] CYBERSCAN TECHNOLOGY, INC., US  
[22] 2000-06-27  
[30] US (09/340,230) 1999-07-01
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[11] 2,315,132  
[13] C

- [51] Int.Cl. 7C23C 16/02 7C23C 16/26  
[25] EN  
[54] METHOD FOR FABRICATION OF PATTERNED CARBON NANOTUBE FILMS  
[54] METHODE DE FABRICATION DE PELLICULES DE NANOTUBES MODELES  
[72] ZHU, WEI, US  
[72] ZHOU, OTTO, US  
[72] BOWER, CHRISTOPHER A., US  
[73] LUCENT TECHNOLOGIES INC., US  
[73] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US  
[22] 2000-08-04  
[30] US (09/376,457) 1999-08-18
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[13] C

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[25] EN  
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[54] DISPOSITIF D'INSTALLATION D'ISOLANT EN ROULEAU  
[72] ROMES, GARY E., US  
[73] GUARDIAN FIBERGLASS, INC., US  
[22] 2000-08-04  
[30] US (09/511,305) 2000-02-23
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[11] 2,316,213  
[13] C

- [51] Int.Cl. 6G01N 27/403 6C12M 1/34  
6G01N 33/487  
[25] EN  
[54] CELL POTENTIAL MEASURING ELECTRODE AND MEASURING APPARATUS USING THE SAME  
[54] ELECTRODE DE MESURE DE POTENTIEL DE CELLULE ET APPAREIL DE MESURE UTILISANT CETTE ELECTRODE  
[72] TAKETANI, MAKOTO, US  
[72] OKA, HIROAKI, JP  
[72] SUGIHARA, HIROKAZU, JP  
[72] OGAWA, RYUTA, JP  
[72] SHIMONO, KEN, US  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-06-23  
[86] 1998-12-22 (PCT/US1998/027489)  
[87] (WO1999/034202)  
[30] JP (9/358601) 1997-12-25
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[11] 2,316,535  
[13] C

- [51] Int.Cl. 7G01N 27/49  
[25] EN  
[54] METHOD AND APPARATUS FOR MONITORING A HYDROGEN CONTAINING GAS STREAM  
[54] METHODE ET APPAREIL POUR SURVEILLER UN CIRCUIT DE GAZ CONTENANT DE L'HYDROGENE  
[72] SENNER, RALF, DE  
[73] GENERAL MOTORS CORPORATION, US  
[22] 2000-08-22  
[30] US (09/416583) 1999-10-12
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[13] C

- [51] Int.Cl. 6C21D 8/00  
[25] EN  
[54] ULTRA-HIGH STRENGTH AUSAGED STEELS WITH EXCELLENT CRYOGENIC TEMPERATURE TOUGHNESS  
[54] ACIERS AUSTENITIQUES PRESENTANT UNE RESISTANCE EXTREMEMENT ELEVEE ET UNE TENACITE EXCELLENTE AUX TEMPERATURES CRYOGENIQUES  
[72] KOO, JAYOUNG, US  
[72] BANGARU, NARASIMHA-RAO, US  
[72] VAUGHN, GLEN A., US  
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2000-06-16  
[86] 1998-06-18 (PCT/US1998/012705)  
[87] (WO1999/032670)  
[30] US (60/068,252) 1997-12-19
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[13] C

- [51] Int.Cl. 6C07D 401/14 6C07D 401/06  
6C07D 413/14 6A61K 31/445 6A61K 31/535  
[25] EN  
[54] FARNESYL TRANSFERASE INHIBITORS HAVING A PIPERIDINE STRUCTURE AND PROCESS FOR PREPARATION THEREOF  
[54] INHIBITEURS DE FARNESYL-TRANSFERASES, AYANT UNE STRUCTURE PIPERIDINE, ET PROCEDE DE PREPARATION CORRESPONDANT  
[72] RO, SEONG GU, KR  
[72] CHOI, TAE SAENG, KR  
[72] KOH, JONG SUNG, KR  
[72] AHN, IN AE, KR  
[72] OH, YOUNG HOON, KR  
[72] SHIN, YOU SEUNG, KR  
[72] KIM, HYUN SUNG, KR  
[72] LEE, HYUN IL, KR  
[72] LEE, SUN HWA, KR  
[72] LEE, JIN HO, KR  
[72] KIM, CHUNG MI, KR  
[72] KIM, KWI HWA, KR  
[72] KWAK, TAE HWAN, KR  
[72] CHUNG, HYUN HO, KR  
[72] KIM, JONG HYUN, KR  
[73] LG CHEMICAL LTD., KR  
[85] 2000-08-01  
[86] 1999-02-01 (PCT/KR1999/000051)  
[87] (WO1999/038862)  
[30] KR (1998-2776) 1998-02-02  
[30] KR (1998-2777) 1998-02-02  
[30] KR (1998-28340) 1998-07-14  
[30] KR (1998-32150) 1998-08-07

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[13] C

[51] Int.Cl. 6C22F 1/04 6C22C 21/00  
[25] EN  
[54] PROCESS OF MANUFACTURING HIGH STRENGTH ALUMINUM FOIL  
[54] PROCEDE DE FABRICATION D'UNE FEUILLE D'ALUMINIUM A HAUTE RESISTANCE  
[72] NADKARNI, SADASHIV, US  
[72] MONTGRAIN, LUC M., US  
[72] DAVISSON, THOMAS L., US  
[73] ALCAN INTERNATIONAL LIMITED, CA  
[85] 2000-08-16  
[86] 1999-02-17 (PCT/CA1999/000138)  
[87] (WO1999/042628)  
[30] US (60/075,102) 1998-02-18

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[11] **2,325,149**  
[13] C

[51] Int.Cl. 7A47L 9/00 7A47L 5/28  
[25] EN  
[54] LATCH ARRANGEMENT FOR A VACUUM CLEANER DIRT RECEPTACLE  
[54] DISPOSITIF DE VERROUILLAGE POUR RAMASSE-POUSSIÈRE D'ASPIRATEUR  
[72] LANG, CHARLES A., US  
[73] THE HOOVER COMPANY, US  
[22] 2000-11-06  
[30] US (09/565,797) 2000-05-05

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[13] C

[51] Int.Cl. 7B05C 11/04 7D21H 23/36  
[25] EN  
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[54] DISPOSITIF POUR APPLIQUER UN MATERIAU DE REVETEMENT  
[72] URSCHELER, ROBERT, CH  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[73] METSO PAPER INC., FI  
[85] 2000-09-25  
[86] 1998-02-27 (PCT/US1998/004008)  
[87] (WO1998/044200)  
[30] US (08/829,279) 1997-03-31

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[11] **2,328,019**  
[13] C

[51] Int.Cl. 7B62D 25/06  
[25] EN  
[54] ONE PIECE MOLDED ROOF FOR A VEHICLE CAB  
[54] TOIT MOULE D'UNE PIECE POUR CABINE DE VEHICULE  
[72] FRYK, BRUCE KEVIN, US  
[72] BARTZ, SHAWN MICHAEL, US  
[72] BOYCE, DEAN ARDEN, US  
[73] DEERE & COMPANY, US  
[22] 2000-12-12  
[30] US (09/550,822) 2000-04-18

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[11] **2,331,261**  
[13] C

[51] Int.Cl. 6C07H 15/26 6A61K 31/70  
[25] EN  
[54] 2"-DEOXY HYGROMYCIN DERIVATIVES  
[54] DERIVES 2"-DESOXY-HYGROMYCINE  
[72] LINDE, ROBERT GERALD II, US  
[73] PFIZER PRODUCTS INC., US  
[85] 2000-11-03  
[86] 1999-04-08 (PCT/IB1999/000611)  
[87] (WO1999/057127)  
[30] US (60/084,058) 1998-05-04

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[11] **2,331,675**  
[13] C

[51] Int.Cl. 6H04L 27/14 6H04L 27/22  
[25] EN  
[54] METHOD AND APPARATUS FOR OBTAINING INITIAL CARRIER AND SYMBOL PHASE ESTIMATES FOR USE IN SYNCHRONIZING TRANSMITTED DATA  
[54] DETERMINATION D'ESTIMATIONS DE PHASE PORTEUSE ET DE PHASE SYMBOLE INITIALES UTILISEES POUR LA SYNCHRONISATION DE DONNEES EMISES ET DISPOSITIF CORRESPONDANT  
[72] SAYEGH, SOHEIL I., US  
[73] VIASAT, INC., US  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/US1999/010319)  
[87] (WO1999/059307)  
[30] US (09/076,762) 1998-05-13

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[11] **2,332,959**  
[13] C

[51] Int.Cl. 6A01N 35/04 6A01N 61/00 6A01N 37/10 6A01N 37/36  
[25] EN  
[54] THE USE OF AN ANTI-MICROBIAL COMPOUND FOR DISINFECTION  
[54] UTILISATION D'UN COMPOSE ANTIMICROBIEN POUR LA DESINFECTION  
[72] SIRIANNI, GIUSEPPE, IT  
[72] TRANI, MARINA, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-11-22  
[86] 1999-06-14 (PCT/IB1999/001097)  
[87] (WO2000/000028)  
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[13] C

[51] Int.Cl. 7B24D 3/06 7B24D 5/02 7B24D 3/34  
[25] EN  
[54] VITREOUS BOND COMPOSITIONS FOR ABRASIVE ARTICLES  
[54] COMPOSITIONS DE LIAISON VITREUSES POUR ARTICLES ABRASIFS  
[72] HUZINEC, GARY M., US  
[73] MILACRON INDUSTRIAL PRODUCTS, INC., US  
[85] 2001-01-02  
[86] 2000-05-12 (PCT/US2000/013236)  
[87] (WO2000/073022)  
[30] US (09/324,199) 1999-06-02

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[11] **2,340,957**  
[13] C

[51] Int.Cl. 7H02K 33/00 7B06B 1/04 7H02K 7/14  
[25] EN  
[54] DC BRUSHLESS VIBRATION MOTOR  
[54] MOTEUR A VIBRATION SANS BALAI A COURANT CONTINU  
[72] HONG, ALEX, XX  
[72] HORNG, CHING-SHEN, XX  
[72] YIN, TSO-KUO, XX  
[73] SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO., LTD., XX  
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[13] C

[51] Int.Cl. 7A01D 75/00  
[25] EN  
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[54] CAPTEUR DE HAUTEUR DE CONTACT AU SOL  
[72] WESSEL, PAUL THOMAS, US  
[72] CHRISTENSEN, TIMOTHY FRANKLIN, US  
[72] BECKER, KLAUS ERNST, US  
[73] DEERE & COMPANY, US  
[22] 2001-04-11  
[30] US (09/571,247) 2000-05-16

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[11] 2,343,862  
[13] C

[51] Int.Cl. 7F42D 3/04  
[25] EN  
[54] BLASTING MAT ASSEMBLY  
[54] ASSEMBLAGE D'UNE COUVERTURE PARE-ECLATS  
[72] CHO, YONG-SO, KR  
[73] CHO, YONG-SO, KR  
[22] 2001-04-12  
[30] KR (2000-26596) 2000-05-18

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[11] 2,343,955  
[13] C

[51] Int.Cl. 7B60N 2/28  
[25] EN  
[54] CHILD RESTRAINT SYSTEM  
[54] SYSTEME DE RETENUE POUR ENFANT  
[72] BAPST, DAVID M., US  
[72] ASBACH, RONALD, US  
[73] MATTEL, INC., US  
[85] 2001-03-13  
[86] 2000-08-02 (PCT/US2000/020968)  
[87] (WO2001/010668)  
[30] US (09/366,554) 1999-08-04

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[11] 2,345,601  
[13] C

[51] Int.Cl. 7A47L 9/00  
[25] EN  
[54] HANDLE OPERATED POWER LINK LOCKOUT  
[54] DISPOSITIF DE BLOCAGE DE BIELLETTE D'ALIMENTATION A POIGNEE  
[72] MORGAN, JEFFERY A., US  
[72] THOMAS, KEVIN L., US  
[72] LOUIS, JEFFREY S., US  
[73] THE HOOVER COMPANY, US  
[22] 2001-05-03  
[30] US (09/603,599) 2000-06-26

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[11] 2,350,089  
[13] C

[51] Int.Cl. 7C07D 403/06 7C07D 401/06  
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[54] DERIVES D'INDOLE  
[72] MACOR, JOHN EUGENE, US  
[72] WYTHES, MARTIN JAMES, GB  
[73] PFIZER INC., US  
[22] 1996-06-04  
[62] 2,178,161  
[30] US (08/469,258) 1995-06-06

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[11] 2,350,938  
[13] C

[51] Int.Cl. 7A43B 5/04 7A63C 9/00  
[25] EN  
[54] SNOWBOARD BOOT  
[54] CHAUSSURE POUR PLANCHE A NEIGE  
[72] MEIBOCK, ANTONIN A., US  
[72] SVENSSON, JOHN E., US  
[72] TURNER, BRENT H., US  
[73] K-2 CORPORATION, US  
[22] 1994-09-27  
[62] 2,171,858  
[30] US (08/127,584) 1993-09-27  
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[13] C

[51] Int.Cl. 7H05B 33/02 7H01L 49/02  
[25] EN  
[54] ELECTROLUMINESCENT DEVICE  
[54] DISPOSITIF ELECTROLUMINESCENT  
[72] MIWA, MASASHI, JP  
[72] SHIRAKAWA, YUKIHIKO, JP  
[72] NAGANO, KATSUTO, JP  
[73] TDK CORPORATION, JP  
[22] 2001-07-06  
[30] JP (2000-378071) 2000-12-12

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[13] C

[51] Int.Cl. 7A61K 31/7048 7A61P 31/04  
7A61K 9/22 7A61K 31/7042  
[25] EN  
[54] EXTENDED RELEASE FORMULATIONS OF ERYTHROMYCIN DERIVATIVES  
[54] FORMULATIONS A LIBERATION PROLONGEE DE DERIVES D'ERYTHROMYCINE  
[72] HUI, HO-WAH, US  
[72] MILMAN, NELLY, US  
[72] SEMLA, SUSAN J., US  
[72] GUSTAVSON, LINDA E., US  
[72] CRAMPTON, SHERI L., US  
[72] AL-RAZZAK, LAMAN A., US  
[73] ABBOTT LABORATORIES, US  
[22] 1998-03-06  
[62] 2,325,541  
[30] US (08/838,900) 1997-04-11

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[11] 2,358,616  
[13] C

[51] Int.Cl. 7G03G 15/08 7G01J 1/44  
[25] EN  
[54] DENSITOMETER DIAGNOSTIC SYSTEM FOR AN IMAGE-FORMING MACHINE  
[54] SYSTEME DE DIAGNOSTIC A DENSITOMETRE POUR IMAGEUR  
[72] HAMEISTER, WILLIAM A., US  
[72] ANTHONY, JAMES D., US  
[72] PATTERSON, KENNETH M., US  
[73] HEIDELBERGER DRUCKMASCHINEN AG, DE  
[22] 2001-10-11  
[30] US (09/687,647) 2000-10-13

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[13] C

[51] Int.Cl. 7H04M 1/23 7G06F 3/023  
7B41J 5/28 7H01H 13/70  
[25] EN  
[54] REDUCED KEYBOARD WITH DIRECTIONAL SELECTION KEYS  
[54] CLAVIER REDUIT A CLES DE SELECTION DIRECTIONNELLES  
[72] CHANG, LIANG HSI, US  
[73] CHANG, LIANG HSI, US  
[85] 2001-06-28  
[86] 1999-12-17 (PCT/US1999/030129)  
[87] (WO2000/041061)  
[30] US (09/224,435) 1998-12-31

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[13] C

[51] Int.Cl. 7H04N 7/08 7G11B 31/00  
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[25] EN  
[54] KARAOKE SYSTEM  
[54] SYSTEME DE KARAOKE  
[72] KIKUCHI, TATSUYA, JP  
[73] TAKARA CO., LTD., JP  
[22] 2001-10-31  
[30] JP (2001-177536) 2001-06-12

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[11] \* **2,361,729**  
[13] C

[51] Int.Cl. 7G03B 35/18 7G02B 27/22  
[25] EN  
[54] 3D MULTIMEDIA  
VISUALIZATION SYSTEM  
[54] SYSTEME DE VISUALISATION  
MULTIMEDIA TRIDIMENSIONNELLE  
[72] ALSAHEB, SAMIH A. H., CA  
[73] ALSAHEB, SAMIH A. H., CA  
[22] 2001-10-25

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[11] **2,366,693**  
[13] C

[51] Int.Cl. 7E21B 33/03 7F16J 15/16  
[25] EN  
[54] WELLHEAD STUFFING BOX  
SUPPORT ASSEMBLY  
[54] SUPPORT DE BOITE PRESSE-  
ETOUE DE TETE DE PUITS  
[72] FARQUHARSON, KEITH D., CA  
[72] RIDDEL, DANIEL J., CA  
[73] STREAM-FLO INDUSTRIES LTD.,  
CA  
[22] 2002-01-04

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[11] **2,367,023**  
[13] C

[51] Int.Cl. 7G01V 5/00  
[25] EN  
[54] METHOD FOR DETERMINING  
SYMMETRY AND DIRECTION  
PROPERTIES OF AZIMUTHAL  
GAMMA RAY DISTRIBUTIONS  
[54] PROCEDE DE DETERMINATION  
DES PROPRIETES DE SYMETRIE ET  
DE DIRECTION DE DISTRIBUTIONS  
DE RAYONS GAMMA AZIMUTAUX  
[72] GADEKEN, LARRY L., US  
[72] MERCHANT, GULAMABBAS A., US  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[85] 2001-09-13  
[86] 2000-03-23 (PCT/US2000/007700)  
[87] (WO2000/057210)  
[30] US (09/276,270) 1999-03-25

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[11] **2,372,482**  
[13] C

[51] Int.Cl. 7H05B 41/00  
[25] EN  
[54] METHOD AND BALLAST FOR  
FEEDING A UV LIGHT LOW  
PRESSURE RADIATOR  
[54] PROCEDE ET BALLASTE  
SERVANT A ALIMENTER UN  
EMETTEUR DE RAYONNEMENT U.V.  
BASSE PRESSION  
[72] RUDKOWSKI, JAN, BORIS, DE  
[72] RIEPE, DIRK, DE  
[73] WEDECO AG WATER  
TECHNOLOGY, DE  
[85] 2001-12-04  
[86] 2001-02-09 (PCT/DE2001/000519)  
[87] (WO2001/078465)  
[30] DE (100 16 982.1) 2000-04-06

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[11] **2,373,581**  
[13] C

[51] Int.Cl. 7A47J 37/07  
[25] EN  
[54] METHOD AND APPARATUS FOR  
BAKING FOODS IN A BARBEQUE  
GRILL  
[54] PROCEDE ET APPAREIL  
PERMETTANT DE CUIRE AU FOUR  
DES ALIMENTS SUR LE GRILL D'UN  
BARBECUE  
[72] ZUCCARINI, ANTHONY MARK, CA  
[73] ZUCCARINI, ANTHONY MARK, CA  
[85] 2001-11-09  
[86] 2000-05-12 (PCT/CA2000/000559)  
[87] (WO2000/069316)  
[30] US (60/133,879) 1999-05-12  
[30] US (09/465,385) 1999-12-17

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[11] **2,381,506**  
[13] C

[51] Int.Cl. 7G01N 33/68 7G01N 27/447  
7G01N 33/58  
[25] EN  
[54] DIFFERENCE DETECTION  
METHODS USING MATCHED  
MULTIPLE DYES  
[54] METHODES DE DETECTION DE  
DIFFERENCES UTILISANT DES  
COLORANTS MULTIPLES APPARIES  
[72] MINDEN, JONATHAN, US  
[72] WAGGONER, ALAN, US  
[72] FOWLER, SUSAN JANET, GB  
[73] CARNEGIE MELLON UNIVERSITY,  
US  
[73] AMERSHAM PHARMACIA  
BIOTECH UK LIMITED, GB  
[85] 2002-02-06  
[86] 2000-08-09 (PCT/US2000/021766)  
[87] (WO2001/011373)  
[30] US (09/370,743) 1999-08-09

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[11] **2,400,496**  
[13] C

[51] Int.Cl. 7H04N 7/30 7H04N 1/41  
[25] EN  
[54] IMAGE DECODING METHOD  
[54] PROCEDE DE DECODAGE  
D'IMAGE  
[72] KUSAO, HIROSHI, JP  
[72] ITO, NORIO, JP  
[72] HASEGAWA, SHINYA, JP  
[72] KATATA, HIROYUKI, JP  
[72] AONO, TOMOKO, JP  
[73] SHARP KABUSHIKI KAISHA, JP  
[22] 1998-09-03  
[62] 2,303,514  
[30] JP (9/254616) 1997-09-19  
[30] JP (10/18782) 1998-01-30  
[30] JP (10/169456) 1998-06-17

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[11] **2,420,632**  
[13] C

[51] Int.Cl. 7H01R 13/639 7H05B 1/00  
7H01R 33/00 7A47G 29/087 7H01R 13/44  
[25] EN  
[54] PLUG LOCK FOR ELECTRICAL  
APPLIANCE  
[54] CHEVILLE DE VERROUILLAGE  
POUR APPAREIL  
ELECTROMENAGER  
[72] TATEISHI, ART, CA  
[73] TATEISHI, ART, CA  
[22] 1998-05-08  
[62] 2,237,485  
[30] CA (2,237,485) 1998-05-08

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[13] C

[51] Int.Cl. 7G07B 15/00 7G08C 17/00  
7G08G 1/017  
[25] EN  
[54] ELECTRONIC TOLL  
COLLECTION SYSTEM FOR TOLL  
ROAD  
[54] SYSTEME DE PERCEPTION  
ELECTRONIQUE POUR ROUTE A  
PEAGE  
[72] FUYAMA, SEIJI, JP  
[73] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 2001-05-28  
[62] 2,349,065  
[30] JP (2000-158 749) 2000-05-29

[11] **2,446,055**  
[13] C

[51] Int.Cl. 7B27F 7/02 7B25B 7/00  
[25] EN  
[54] PALLET JIG  
[54] GABARIT DE FABRICATION DE  
PALETTES  
[72] TREMBLEY, ROBERT, CA  
[73] TREMBLEY, ROBERT, CA  
[22] 2003-10-22

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[11] **2,438,352**  
[13] C

[51] Int.Cl. 7B65B 13/32  
[25] EN  
[54] APPARATUS AND METHOD FOR  
SECURING A BUNDLE WITH A STRAP  
[54] APPAREIL ET PROCEDE  
SERVANT A FIXER UN PAQUET AU  
MOYEN D'UNE SANGLE  
[72] CRANSTON, ALBERT E., III, US  
[72] PEACOCK, BOBBIE DON, US  
[73] CRANSTON DIVERSIFIED  
INDUSTRIES, US  
[85] 2003-08-14  
[86] 2002-02-11 (PCT/US2002/004120)  
[87] (WO2002/066330)  
[30] US (09/788,221) 2001-02-15

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[11] **2,444,588**  
[13] C

[51] Int.Cl. 7E21B 33/129  
[25] EN  
[54] HIGH TEMPERATURE, HIGH  
PRESSURE RETRIEVABLE PACKER  
[54] GARNITURE D'ETANCHEITE  
HAUTE TEMPERATURE HAUTE  
PRESSION RECUPERABLE  
[72] GANO, JOHN C., US  
[72] KILGORE, MARION D., US  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 1997-03-05  
[62] 2,199,232  
[30] US (08/611,867) 1996-03-06

**Canadian Patents Issued  
July 27, 2004**

# Canadian Applications Open to Public Inspection

July 4, 2004 - July 10, 2004

## Demandes canadiennes mises à la disponibilité du public

4 juillet 2004 - 10 juillet 2004

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[21] 2,413,172  
[13] A1

[51] Int.Cl. 7F03G 7/00 7H02K 7/18  
[25] EN  
[54] GRAVITECH POWER DRIVE  
[54] COMMANDE MECANIQUE  
«GRAVITECH»  
[72] ANDERSON, RON, CA  
[71] ANDERSON, RON, CA  
[22] 2003-01-10  
[41] 2004-07-10

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[21] 2,414,545  
[13] A1

[51] Int.Cl. 7B63B 59/02  
[25] EN  
[54] WAVE DEFLECTING FENDER  
[54] DEFENSE A DEFLEXION DES  
VAGUES  
[72] KLASSEN, HERBERT D., CA  
[71] KLASSEN, HERBERT D., CA  
[22] 2003-01-09  
[41] 2004-07-09

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[21] 2,414,546  
[13] A1

[51] Int.Cl. 7B60H 1/04  
[25] EN  
[54] AUTOMOBILE WARMING-UP  
APPARATUS  
[54] DISPOSITIF DE MISE EN  
TEMPERATURE D'AUTOMOBILE  
[72] ZHANG, TONY T., CA  
[71] ZHANG, TONY T., CA  
[22] 2003-01-08  
[41] 2004-07-08

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[21] 2,414,562  
[13] A1

[51] Int.Cl. 7B25F 1/00 7B60S 5/00  
[25] FR  
[54] TIGES DE DEBOSSELAGE A  
POINTES INTERCHANGEABLES  
[54] DENT STRAIGHTENING ROD  
WITH INTERCHANGEABLE TIPS  
[72] PETITCLERC, MARTIN, CA  
[71] PETITCLERC, MARTIN, CA  
[22] 2003-01-08  
[41] 2004-07-08

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[21] 2,414,568  
[13] A1

[51] Int.Cl. 7A63B 53/04 7A63B 69/36  
[25] EN  
[54] TRIPLE P PRACTICE PUTTER  
[54] FER DROIT D'ENTRAINEMENT  
TRIPLE P  
[72] LAY, GORDON W., CA  
[71] LAY, GORDON W., CA  
[22] 2003-01-09  
[41] 2004-07-09

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[21] 2,414,659  
[13] A1

[51] Int.Cl. 7C23F 13/14 7B60R 27/00  
[25] EN  
[54] AUTOMOTIVE INSERTABLE  
SACRIFICIAL ANODE  
[54] ANODE SACRIFICIELLE MONTEE  
SUR AUTOMOBILE  
[72] PLEDGE, PETER E., CA  
[71] PLEDGE, PETER E., CA  
[22] 2003-01-07  
[41] 2004-07-07

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[21] 2,414,773  
[13] A1

[51] Int.Cl. 7B62J 1/16  
[25] FR  
[54] LE SIEGE DES ENFANTS  
[54] CHILD SEAT  
[72] LANCTOT, MARIO, CA  
[71] LANCTOT, MARIO, CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] 2,414,904  
[13] A1

[51] Int.Cl. 7A45D 34/04  
[25] EN  
[54] LIP SIZZLE KISSING POTION  
[54] POTION POUR LES LEVRES POUR  
INTENSIER LES BAISERS  
[72] QUINN, IRIS, CA  
[71] QUINN, IRIS, CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] 2,414,913  
[13] A1

[51] Int.Cl. 7B60R 1/00 7B60D 1/58  
[25] EN  
[54] VIEW YOUR HITCH  
[54] DISPOSITIF DE VISIONNEMENT  
D'ATTACHE «VIEW YOUR HITCH»  
[72] MORGAN, BEN R., CA  
[71] MORGAN, BEN R., CA  
[22] 2003-01-07  
[41] 2004-07-07

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[21] **2,415,153**  
[13] A1

[51] Int.Cl. 7A01M 1/04 7A01M 1/20  
[25] EN  
[54] MOSQUITO KILLING MEANS  
ADAPTED TO A LIGHTING SOURCE  
[54] DISPOSITIF DE  
DEMOUSTICATION ADAPTE A UNE  
SOURCE D'ECLAIRAGE  
[72] LAVOIE, ANDRE, CA  
[71] LAVOIE, ANDRE, CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] **2,415,270**  
[13] A1

[51] Int.Cl. 7B60Q 1/52  
[25] FR  
[54] AVERTISSEUR DE DANGER SUR  
AUTOMOBILE  
[54] AUTOMOBILE DANGER ALARM  
[72] LACHANCE, BENOIT, CA  
[71] LACHANCE, BENOIT, CA  
[22] 2003-01-13  
[41] 2004-07-07  
[30] CA (INCONNU) 2003-01-07

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[21] **2,415,298**  
[13] A1

[51] Int.Cl. 7A01K 29/00  
[25] EN  
[54] SCOOPER  
[54] RAMASSE-CROTTE  
[72] EAVES, VERN, CA  
[71] EAVES, VERN, CA  
[22] 2003-01-10  
[41] 2004-07-10

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[21] **2,415,427**  
[13] A1

[51] Int.Cl. 7E06C 7/00 7E06C 7/18  
[25] EN  
[54] THE PRO LADDER SET  
[54] ECHELLE PROFESSIONNELLE  
[72] FOUGERE, ROBERT VINCENT, CA  
[72] ARCHIBALD, PETER JAMES, CA  
[72] FOUGERE, MYLES J., CA  
[71] FOUGERE, ROBERT VINCENT, CA  
[22] 2003-01-08  
[41] 2004-07-08

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[21] **2,415,603**  
[13] A1

[51] Int.Cl. 7G01W 1/08 7B64D 47/08  
7G08B 17/12 7H04N 7/18 7H04N 5/33  
[25] EN  
[54] METHOD OF LOCATING FIRES  
IGNITED BY A LIGHTNING STORM  
[54] METHODE DE LOCALISATION  
D'INCENDIES ALLUMES PAR UN  
ORAGE ELECTRIQUE  
[72] ANDERSEN, DAN KEITH, CA  
[71] ANDERSEN, DAN KEITH, CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] **2,415,605**  
[13] A1

[51] Int.Cl. 7G01B 21/02 7G01B 11/02  
[25] EN  
[54] APPARATUS FOR MEASURING  
AN EXTENDED LENGTH OF A MULTI-  
SECTION TELESCOPIC BOOM  
[54] APPAREIL DE MESURE DE LA  
LONGUEUR D'UNE FLECHE  
TELESCOPIQUE MULTI-SECTION EN  
POSITION D'EXTENSION  
[72] BILODEAU, THOMAS D., CA  
[72] NACHAI, MIKE, CA  
[72] HOLT, MARK W., CA  
[72] CRANE, JEFFREY V.F., CA  
[71] THE LOAD & A-2-B COMPANY INC.,  
CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] **2,415,625**  
[13] A1

[51] Int.Cl. 7B64D 1/14  
[25] EN  
[54] METHOD OF TRANSMITTING  
DATA OBTAINED FROM AERIAL  
RECONNAISSANCE  
[54] METHODE DE TRANSMISSION DE  
DONNEES OBTENUES PAR  
RECONNAISSANCE AERIENNE  
[72] ANDERSEN, DAN KEITH, CA  
[71] ANDERSEN, DAN KEITH, CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] **2,415,626**  
[13] A1

[51] Int.Cl. 7F41B 5/14  
[25] EN  
[54] PORTABLE BOW PRESS  
[54] PRESSE A ARC PORTATIVE  
[72] EVANS, JOHN D., CA  
[72] EVANS, JEREMY MICHAEL, CA  
[71] EVANS, JOHN D., CA  
[71] EVANS, JEREMY MICHAEL, CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] **2,415,629**  
[13] A1

[51] Int.Cl. 7F23Q 9/08  
[25] EN  
[54] PILOT LIGHT ASSEMBLY  
[54] ENSEMBLE DE VEILLEUSE A GAZ  
[72] ALEXANDER, GREGORY ALLEN,  
CA  
[72] VANDERLEE, JAMES ANDREW, CA  
[71] ALEXANDER, GREGORY ALLEN,  
CA  
[71] VANDERLEE, JAMES ANDREW, CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] **2,415,640**  
[13] A1

[51] Int.Cl. 7B27K 5/00 7B27M 1/02  
[25] EN  
[54] METHOD FOR PRODUCING A  
PIECE OF TIMBER INCLUDING  
HEARTWOOD  
[54] METHODE DE FABRICATION  
D'UNE PIECE DE BOIS D'OEUVRE  
COMPRENANT DU BOIS DE COEUR  
[72] LEE, SHEN-BA, XX  
[71] LEE, SHEN-BA, XX  
[22] 2003-01-07  
[41] 2004-07-07

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[21] **2,415,668**  
[13] A1

[51] Int.Cl. 7H04B 1/04  
[25] EN  
[54] INTEGRATED, CONFIGURABLE  
MULTI-MODE TRANSMITTER  
[54] EMETTEUR MULTI-MODE  
INTEGRE CONFIGURABLE  
[72] SNYDER, CHRISTOPHER EUGENE,  
CA  
[72] KUNG, WILLIAM, CA  
[71] SIRIFIC WIRELESS CORPORATION,  
CA  
[22] 2003-01-06  
[41] 2004-07-06

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[21] **2,415,669**  
 [13] A1

[51] Int.Cl. 7B21J 15/40 7B21J 15/02  
 [25] EN  
**RIVETING TOOL AND METHOD OF ITS USE**  
**OUTIL A RIVER ET METHODE D'UTILISATION**  
 [72] MALAKA, MARK D., CA  
 [71] GBM RIVET & FASTENERS INC., CA  
 [22] 2003-01-07  
 [41] 2004-07-07

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[21] **2,415,698**  
 [13] A1

[51] Int.Cl. 7A01K 3/00 7E01F 13/00  
 7A01K 15/04 7E01D 15/12  
 [25] EN  
**TEXAS GATE FOR ENVIRONMENTALLY SENSITIVE AREAS**  
**BARRIERE A BETAIL POUR REGIONS ECOLOGIQUEMENT VULNERABLES**  
 [72] HAGER, GRANT, CA  
 [71] GREENGLADE CONSTRUCTION LTD., CA  
 [22] 2003-01-06  
 [41] 2004-07-06

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[21] **2,415,705**  
 [13] A1

[51] Int.Cl. 7B65D 25/00 7B65D 6/22  
 [25] EN  
**DEVICE FOR RELEASING AND INTERLOCKING THE COLLAPSIBLE SIDE WALLS OF CASES OR CONTAINERS, ESPECIALLY RETURNABLE CONTAINERS MADE OF PLASTIC MATERIALS**  
**DISPOSITIF DE BLOCAGE ET DE DEBLOCAGE DE PAROIS LATERALES PLIANTES DE CAISSES OU DE CONTENANTS, EN PARTICULIER DE CONTENANTS RECUPERABLES FABRIQUES DE MATIERES PLASTIQUES**  
 [72] BARTH, CHRISTIAN, DE  
 [72] OSTER, HEINZ GUNTER, DE  
 [71] SCHOECKER WAVIN SYSTEMS SERVICES GMBH, DE  
 [22] 2003-01-06  
 [41] 2004-07-06

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[21] **2,415,797**  
 [13] A1

[51] Int.Cl. 7A01K 77/00 7A01K 75/00  
 [25] EN  
**FISH NET HANDLE GUIDE AND LOCKING APPARATUS**  
**DISPOSITIF DE GUIDAGE ET DE VERROUILLAGE DE MANCHE D'EPUISSETTE**  
 [72] BLOOM, JOHN, US  
 [71] BLOOM, JOHN, US  
 [22] 2003-01-08  
 [41] 2004-07-08

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[21] **2,415,799**  
 [13] A1

[51] Int.Cl. 7G11B 7/24  
 [25] EN  
**OPTICAL DISC INCORPORATING A RELIEF PATTERN**  
**DISQUE OPTIQUE INCORPORANT UN MOTIF EN RELIEF**  
 [72] BOGA, MUNIRUN, CA  
 [72] MOLOO, IMITIAZ, CA  
 [71] E3 WORKS INTERNATIONAL INC., BB  
 [22] 2003-01-08  
 [41] 2004-07-08

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[21] **2,415,802**  
 [13] A1

[51] Int.Cl. 7G06F 17/30 7H04L 12/16  
 7G06F 13/38  
 [25] EN  
**METHOD AND SYSTEM FOR ENHANCING LOCAL MEDIA CONTENT WITH REMOTE AUXILIARY CONTENT**  
**METHODE ET SYSTEME PERMETTANT D'AMELIORER LE CONTENU D'UN SUPPORT LOCAL AU MOYEN D'UN CONTENU AUXILIAIRE ELOIGNE**  
 [72] DRYALL, STEVEN, CA  
 [71] CONFLUENT TECHNOLOGIES INC., CA  
 [22] 2003-01-07  
 [41] 2004-07-07

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[21] **2,415,905**  
 [13] A1

[51] Int.Cl. 7B63J 2/12  
 [25] EN  
**NARROWBOAT AUXILIARY HEATER AND METHOD OF CONTROLLING SAME**  
**APPAREIL DE CHAUFFAGE AUXILIAIRE DE BARGE ET METHODE DE CONTROLE CONNEXE**  
 [72] HOLDEN, CLEMENT JAMES, GB  
 [71] INTERNATIONAL THERMAL INVESTMENTS LTD., CA  
 [22] 2003-01-09  
 [41] 2004-07-09

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[21] **2,415,917**  
 [13] A1

[51] Int.Cl. 7H04L 27/34 7H03D 7/00  
 [25] EN  
**REGENERATIVE DIVIDER USED FOR UP-CONVERSION AND DOWN CONVERSION**  
**DEMULTIPLICATEUR DE FREQUENCE PAR RETROACTION POUR ELEVATION OU ABAISSEMENT DE LA FREQUENCE**  
 [72] DOSANJH, SATHWANT, CA  
 [72] MANKU, TAJINDER, CA  
 [72] KUNG, WILLIAM, CA  
 [71] SIRIFIC WIRELESS CORPORATION, CA  
 [22] 2003-01-08  
 [41] 2004-07-08

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[21] **2,415,980**  
 [13] A1

[51] Int.Cl. 7A63B 43/06 7A63B 37/00  
 [25] EN  
**HOCKEY PUCK**  
**RONDELLE DE HOCKEY**  
 [72] THOEN, LORNE, CA  
 [71] THOEN, LORNE, CA  
 [22] 2003-01-09  
 [41] 2004-07-09

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[21] **2,415,982**  
 [13] A1

[51] Int.Cl. 7F16J 15/16 7F15B 15/16  
 [25] EN  
**A BORE SEALING TELESCOPIC HOIST**  
**PALAN TELESCOPIQUE A SCELLEMENT DE TUBE**  
 [72] MAINVILLE, LUC, CA  
 [71] INDUSTRIES MAILHOT INC., CA  
 [22] 2003-01-09  
 [41] 2004-07-09

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[21] 2,415,993  
[13] A1

[51] Int.Cl. 7F25B 13/00 7F25B 29/00  
[25] EN  
[54] AIR CONDITIONING SYSTEM, INTERIOR HEAT EXCHANGER COIL UNIT AND METHOD FOR CONDITIONING AMBIENT AIR  
[54] SYSTEME DE CLIMATISATION, ECHANGEUR THERMIQUE A SERPENTIN INTERIEUR ET METHODE DE CLIMATISATION DE L'AIR AMBIANT  
[72] ALEXANDRE, ALEX, CA  
[71] REFRIGERATION NOEL INC., CA  
[22] 2003-01-09  
[41] 2004-07-09

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[21] 2,415,995  
[13] A1

[51] Int.Cl. 7F25D 3/08 7A45C 7/00 7A45C 11/20 7B65D 81/38  
[25] EN  
[54] FOLDABLE INSULATED BAG  
[54] SAC ISOTHERME PLIABLE  
[72] MOGIL, MELVIN SHELDON, CA  
[71] CALIFORNIA INNOVATIONS INC., CA  
[22] 2003-01-10  
[41] 2004-07-10

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[21] 2,416,002  
[13] A1

[51] Int.Cl. 7B42F 3/00  
[25] EN  
[54] BINDING ASSEMBLY  
[54] DISPOSITIF DE RELIURE  
[72] BUSATTO, DANIEL, FR  
[71] ALBUMS DF LTEE, CA  
[22] 2003-01-09  
[41] 2004-07-09

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[21] 2,416,008  
[13] A1

[51] Int.Cl. 7A47K 3/38  
[25] EN  
[54] BATHTUB SPLASH-RETAINING ASSEMBLY  
[54] DISPOSITIF ANTI-ECLABOUEURS POUR BAIGNOIRE  
[72] OUELLETTE, JEAN-MARC, CA  
[71] OUELLETTE, JEAN-MARC, CA  
[22] 2003-01-09  
[41] 2004-07-09

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[21] 2,416,076  
[13] A1

[51] Int.Cl. 7E21B 21/06  
[25] EN  
[54] CONTINUOUS SELF-CLEANING DRILLING FLUID TANK  
[54] RESERVOIR A LIQUIDE DE FORAGE A AUTONETTOYAGE CONTINU  
[72] CABELKA, BRIAN CLARENCE, CA  
[71] C & L ENVIRONMENTAL SERVICES LTD., CA  
[22] 2003-01-10  
[41] 2004-07-10

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[21] 2,416,083  
[13] A1

[51] Int.Cl. 7B29C 47/20 7B29D 23/00 7B29C 47/10  
[25] EN  
[54] FLOW DISTRIBUTOR FOR DIE TOOLING OF PIPE MOLD EQUIPMENT WITH REMOTE EXTRUDER  
[54] DISTRIBUTEUR DE DEBIT POUR FILIERE DE MOULAGE DE TUYAUX A EXTRUDEUSE ELOIGNEE  
[72] LUPKE, MANFRED A. A., CA  
[72] LUPKE, STEFAN A., CA  
[71] LUPKE, MANFRED A. A., CA  
[71] LUPKE, STEFAN A., CA  
[22] 2003-01-10  
[41] 2004-07-10

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[21] 2,416,141  
[13] A1

[51] Int.Cl. 7E04B 1/343  
[25] FR  
[54] MODULE HABITABLE, BATIMENT FORME DE MODULES, ET METHODE D'ASSEMBLAGE  
[54] MODULAR DWELLING, MODULAR-TYPE BUILDING, AND METHOD OF ASSEMBLY  
[72] GAERTNER, GABRIEL, CA  
[71] GAERTNER, GABRIEL, CA  
[22] 2003-01-09  
[41] 2004-07-09

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[21] 2,416,275  
[13] A1

[51] Int.Cl. 7G21C 17/017 7G01B 21/08  
[25] FR  
[54] MOTORISATION D'UN BRACELET DE MESURE D'EPAISSEUR D'UN TUYAU  
[54] MOTORIZED BAND FOR MEASURING THE THICKNESS OF A PIPE  
[72] LAVOIE, ERIC, CA  
[71] HYDRO QUEBEC, CA  
[22] 2003-01-08  
[41] 2004-07-08

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[21] 2,416,370  
[13] A1

[51] Int.Cl. 7B24B 29/00 7B25G 1/10  
[25] EN  
[54] POWER TOOL AND METHOD OF OPERATING SAME  
[54] OUTIL MECANIQUE ET METHODE D'UTILISATION  
[72] KOPEC, PETER J., US  
[72] DELMAN, JOEL G., US  
[72] GERRITSEN, JOHN T., US  
[72] BOYER, CHRISTOPHER T., US  
[72] LYTELL, MARK R., US  
[71] WMH TOOL GROUP, INC., US  
[22] 2003-01-14  
[41] 2004-07-06  
[30] US (10/337,514) 2003-01-06

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[21] **2,416,413**  
 [13] A1

[51] Int.Cl. 7B24B 29/00 7B25G 1/10  
 [25] EN  
**[54] POWER TOOL AND METHOD OF OPERATING SAME**  
**[54] OUTIL MECANIQUE ET METHODE D'UTILISATION**  
 [72] BOYER, CHRISTOPHER T., US  
 [72] GERRITSEN, JOHN T., US  
 [71] WMH TOOL GROUP, INC., US  
 [22] 2003-01-14  
 [41] 2004-07-06  
 [30] US (10/336,878) 2003-01-06

[21] **2,417,418**  
 [13] A1

[51] Int.Cl. 7F01C 1/04  
 [25] FR  
**[54] MOTEUR A EXPLOSION AVEC DES PISTONS ROTATIFS**  
**[54] ELECTRIC-IGNITION ENGINE WITH ROTORS.**  
 [72] RUSSIN, ALEXANDRU CEZAR, CA  
 [71] RUSSIN, ALEXANDRU CEZAR, CA  
 [22] 2003-01-10  
 [41] 2004-07-10

[21] **2,419,087**  
 [13] A1

[51] Int.Cl. 7H04L 29/06 7H04L 29/08  
 7H04L 29/14  
 [25] EN  
**[54] METHOD AND APPARATUS FOR CONNECTING IPV6 DEVICES THROUGH AN IPV4 NETWORK AND A NETWORK ADDRESS TRANSLATOR (NAT) USING A TUNNEL SETUP PROTOCOL**  
**[54] METHODE ET APPAREIL SERVANT A BRANCHER DES DISPOSITIFS IPV6 PAR UN RESEAU IPV4 ET TRADUCTEUR D'ADRESSE RESEAU (NAT) UTILISANT UN PROTOCOLE DE MISE EN PLACE DE TUNNEL**  
 [72] BOUDREAU, JEAN-FRANCOIS, CA  
 [72] BLANCHET, MARC, CA  
 [72] PARENT, FLORENT, CA  
 [71] HEXAGO INC., CA  
 [22] 2003-02-13  
 [41] 2004-07-07  
 [30] US (10/337,428) 2003-01-07

[21] **2,419,331**  
 [13] A1

[51] Int.Cl. 7A01K 5/01 7A01K 5/02  
 [25] EN  
**[54] ANIMAL FEEDING APPARATUS**  
**[54] DISPOSITIF D'ALIMENTATION DES ANIMAUX**  
 [72] HOFER, GILBERT, CA  
 [71] J & R LIVESTOCK CONSULTANTS LTD., CA  
 [22] 2003-02-17  
 [41] 2004-07-08  
 [30] US (10/338,052) 2003-01-08

[21] **2,424,843**  
 [13] A1

[51] Int.Cl. 7G06F 17/00 7H04L 12/16  
**7G06F 17/20**  
 [25] EN  
**[54] A DOCUMENT COMPOSITION SYSTEM AND METHOD**  
**[54] SYSTEME ET METHODE DE COMPOSITION DE DOCUMENT**  
 [72] SCHMIDT, ALAN A., US  
 [72] GOTTSACKER, NEAL F., US  
 [71] METAVANTE CORPORATION, US  
 [22] 2003-04-09  
 [41] 2004-07-10  
 [30] US (10/340,428) 2003-01-10

[21] **2,420,369**  
 [13] A1

[51] Int.Cl. 7A63F 3/06 7A63F 11/00  
 [25] EN  
**[54] BINGO CARD HOLDER**  
**[54] SUPPORT DE CARTES DE BINGO**  
 [72] CHABOT, MARC, CA  
 [72] CHABOT, GERALD, CA  
 [71] CHABOT, MARC, CA  
 [71] CHABOT, GERALD, CA  
 [22] 2003-02-28  
 [41] 2004-07-09  
 [30] US (10/338,871) 2003-01-09

[21] **2,426,908**

[13] A1  
 [51] Int.Cl. 7G01N 17/04 7G01K 7/02  
**7G01N 17/02**  
 [25] EN  
**[54] CORROSIVITY MEASUREMENT DEVICE WITH TEMPERATURE COMPENSATION**  
**[54] DISPOSITIF DE MESURE DE LA CORROSIVITE A COMPENSATION THERMIQUE**  
 [72] TIEFNIG, EUGEN, AT  
 [71] ROHRBACK COSASCO SYSTEMS, INC., US  
 [22] 2003-04-25  
 [41] 2004-07-06  
 [30] US (10/336,885) 2003-01-06

[21] **2,422,872**  
 [13] A1

[51] Int.Cl. 7A45F 5/00  
 [25] EN  
**[54] A BEVERAGE BOTTLE HOLDER**  
**[54] PORTE-BOUTEILLE DE BOISSON**  
 [72] KENT-FAWKES, ROD, CA  
 [71] KENT-FAWKES, ROD, CA  
 [22] 2003-03-20  
 [41] 2004-07-09  
 [30] US (10/338,114) 2003-01-09

[21] **2,427,510**  
 [13] A1

[51] Int.Cl. 7A45D 42/00 7A45D 44/00  
**7G06F 19/00**  
 [25] EN  
**[54] ARTICLE AND METHOD FOR SELECTION OF INDIVIDUALIZED PERSONAL CARE PRODUCTS**  
**[54] ARTICLE ET METHODE POUR LA SELECTION DE PRODUITS DE SOINS PERSONNELS INDIVIDUALISES**  
 [72] PANNOZZO, ANTHONY, US  
 [72] EDDOWES, MILES HUGH, US  
 [72] KENNEDY, CHRISTINE ELIZABETH, US  
 [72] GIBFORD, GAIL EILEEN, US  
 [72] DZIERSK, MARK DIETER, US  
 [72] ORTIZ-VALERO, CARLOS, US  
 [72] DEPIANO, JOHN JR., US  
 [71] UNILEVER PLC, GB  
 [22] 2003-05-01  
 [41] 2004-07-07  
 [30] US (10/337,466) 2003-01-07

[21] **2,423,400**  
 [13] A1

[51] Int.Cl. 7A47L 9/10 7A47L 9/16 7A47L 5/28  
 [25] EN  
**[54] BAGLESS STICK TYPE VACUUM CLEANER**  
**[54] ASPIRATEUR-BALAI SANS SAC**  
 [72] MURPHY, JOHN S., US  
 [72] KHALIL, DAVID, US  
 [72] MATOUSEK, ROBERT A., US  
 [72] HIN, YUNG LEONG, US  
 [72] WRIGHT, MICHAEL F., US  
 [71] ROYAL APPLIANCE MFG. CO., US  
 [22] 2003-03-25  
 [41] 2004-07-10  
 [30] US (10/339,829) 2003-01-10

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[51] Int.Cl. 7A01K 5/02
[25] EN
<b>WALL HUNG AUTOMATIC PET FEEDING MACHINE</b>
[54] DISPOSITIF D'ALIMENTATION DES ANIMAUX FAMILIERS AUTOMATIQUE ACCROCHE AU MUR
[72] CHAMPAGNE, MICHEL, CA
[72] BLAIS, MICHEL, CA
[71] CHAMPAGNE, MICHEL, CA
[71] BLAIS, MICHEL, CA
[22] 2003-05-29
[41] 2004-07-08
[30] US (60/438388) 2003-01-08

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[21] <b>2,429,863</b> [13] A1
[51] Int.Cl. 7B01J 29/076 7B01J 32/00
<b>7B01J 37/02</b>
[25] EN
<b>METHOD FOR PRODUCING IMPROVED SUPPORT CATALYST</b>
[54] METHODE DE PRODUCTION DE CATALYSEUR SUPPORTE AMELIORE
[72] RENDINA, DAVID D., CA
[71] RENDINA, DAVID D., CA
[22] 2003-05-29
[41] 2004-07-04
[30] US (10/336394) 2003-01-04

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[21] <b>2,430,390</b> [13] A1
[51] Int.Cl. 7D06F 33/02
[25] EN
<b>WASHER/DRYER TOUCH SENSITIVE GRAPHICAL USER INTERFACE</b>
[54] INTERFACE UTILISATEUR GRAPHIQUE TACTILE POUR LAVEUSE-SECHEUSE
[72] SMITH, RICHARD ANTHONY, US
[72] BUCKROYD, JAMES DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-05-29
[41] 2004-07-09
[30] US (10/248,322) 2003-01-09

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[21] <b>2,432,660</b> [13] A1
[51] Int.Cl. 7E04C 1/00
[25] EN
<b>INTERLOCKING BUILDING BLOCK</b>
[54] BLOC DE CONSTRUCTION AUTOBLOQUANT
[72] BOTT, TIMOTHY A., US
[71] ALLAN BLOCK CORPORATION, US
[22] 2003-06-18
[41] 2004-07-09
[30] US (60/438,960) 2003-01-09
[30] US (10/418,563) 2003-04-17

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[51] Int.Cl. 7C08L 1/08 7C08L 97/02
<b>7F16L 59/02 7E04B 1/76</b>
[25] EN
<b>TREATMENT FOR IMPROVING CELLULOSE INSULATION</b>
[54] TRAITEMENT D'AMELIORATION D'ISOLANT EN CELLULOSE
[72] ROOD, LEONARD D., US
[71] ROOD, LEONARD D., US
[22] 2003-10-08
[41] 2004-07-10
[30] US (10/340,233) 2003-01-10

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[21] <b>2,435,182</b> [13] A1
[51] Int.Cl. 7E05C 3/04
[25] EN
<b>SASH LOCK FOR A SASH WINDOW</b>
[54] SERRURE DE CHASSIS POUR FENETRE A GUILLOTINE
[72] MURPHY, MARK V., US
[72] PETTIT, DEAN, US
[71] ASHLAND PRODUCTS, INC., US
[22] 2003-07-10
[41] 2004-07-06
[30] US (10/337,181) 2003-01-06

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[21] <b>2,444,757</b> [13] A1
[51] Int.Cl. 7H01M 8/24 7H01M 8/04
[25] EN
<b>STACKED FUEL CELL AND METHOD FOR ITS MAINTENANCE</b>
[54] ASSEMBLAGE DE PILES A COMBUSTIBLE ET METHODE D'ENTRETIEN CONNEXE
[72] MORIGA, TAKUYA, JP
[72] KAJIWARA, TOMOYUKI, JP
[72] ITO, HIDEKI, JP
[72] KOBAYASHI, TOSHIRO, JP
[72] YAMADA, TAMOTSU, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2003-10-14
[41] 2004-07-08
[30] JP (2003-1834) 2003-01-08

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[21] <b>2,438,443</b> [13] A1
[51] Int.Cl. 7H01M 8/06 7H01M 8/04
<b>7H05B 3/10 7H01M 8/24</b>
[25] EN
<b>FUEL-CELL RESISTORS AND METHODS</b>
[54] RESISTANCES DE PILE A COMBUSTIBLE ET METHODES CONNEXES
[72] ARTHUR, ALAN R., US
[72] EDMONDS, HEATHER, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[22] 2003-08-27
[41] 2004-07-08
[30] US (10/339,737) 2003-01-08

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[21] <b>2,446,030</b> [13] A1
[51] Int.Cl. 7F17C 13/12 7B65D 25/14
<b>7B65D 83/14 7B65D 83/38</b>
[25] EN
<b>FOAM INSERT FOR PRESSURE VESSELS</b>
[54] GARNITURE EN MOUSSE POUR APPAREILS A PRESSION
[72] DI STASIO, ANTHONY A., US
[71] CREST FOAM INDUSTRIES, INC., US
[22] 2003-10-22
[41] 2004-07-06
[30] US (10/336,863) 2003-01-06

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[13] A1

[51] Int.Cl. 7C08G 77/16 7B41N 1/00  
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 7C08L 83/06 7B41C 1/10  
 [25] EN  
**[54] IMAGE-FORMING COMPOSITION AND PHOTOSENSITIVE LITHOGRAPHIC PLATE USING SAME**  
**[54] COMPOSITION PAR FORMATION D'IMAGE ET PLAQUE LITHOGRAPHIQUE PHOTOSENSIBLE ADAPTEE A CE PROCEDE**  
 [72] OZAKI, JUN, JP  
 [71] OKAMOTO CHEMICAL INDUSTRY CO., LTD., JP  
 [22] 2003-11-03  
 [41] 2004-07-07  
 [30] JP (2003-000796) 2003-01-07

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[13] A1

[51] Int.Cl. 7A47L 11/40 7A47L 11/00  
 7A47L 11/02  
 [25] EN  
**[54] BRUSH ASSEMBLY FOR A FLOOR CLEANING UNIT**  
**[54] BROSSE POUR APPAREILS A NETTOYER LES PARQUETS**  
 [72] MAKAROV, SERGEY V., US  
 [72] THEISS, WILLIAM H., JR., US  
 [72] COOPER, KENNETH H., US  
 [72] GERBER, DOUGLAS E., US  
 [72] DIEHL, ARNE J., US  
 [72] STRANSKY, MARK A., US  
 [71] THE HOOVER COMPANY, US  
 [22] 2003-11-04  
 [41] 2004-07-10  
 [30] US (10/340,291) 2003-01-10

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[21] **2,448,316**

[13] A1

[51] Int.Cl. 7H03J 3/20 7H03J 1/06  
 [25] EN  
**[54] METHOD AND INTEGRATED CIRCUIT FOR TUNING AN LC RESONATOR AND ELECTRICAL APPARATUS COMPRISING AN LC RESONATOR**  
**[54] METHODE ET CIRCUIT INTEGRE D'ACCORD D'UN RESONATEUR LC ET DISPOSITIF ELECTRONIQUE COMPRENANT UN RESONATEUR LC**  
 [72] PLATZ, RAINER, CH  
 [72] CALLIAS, FRANCOIS, CH  
 [72] PHILP, RETO, CH  
 [71] PHONAK COMMUNICATIONS AG, CH  
 [22] 2003-11-05  
 [41] 2004-07-09  
 [30] EP (03405006.2) 2003-01-09

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[21] **2,449,548**

[13] A1

[51] Int.Cl. 7A01B 35/20 7A01B 35/18  
 7A01B 35/30  
 [25] EN  
**[54] ROW CLEANER IN COMBINATION OF PRIMARY TILLAGE SHANK SYSTEM**  
**[54] NETTOYEUR DE RANGEES COMBINE A UN SYSTEME PRIMAIRE DE TRAVAIL DU SOL A DENTS**  
 [72] KOVACH, MICHAEL G., US  
 [72] GERBER, RICKY L., US  
 [71] KOVACH, MICHAEL G., US  
 [71] GERBER, RICKY L., US  
 [22] 2003-11-17  
 [41] 2004-07-10  
 [30] US (10/340,138) 2003-01-10

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[21] **2,449,619**

[13] A1

[51] Int.Cl. 7B41C 1/05  
 [25] EN  
**[54] APPARATUS FOR PRODUCING A PRINTING FORM**  
**[54] DISPOSITIF DE PRODUCTION D'UNE FORME D'IMPRESSION**  
 [72] HARBACH, CLAUS, DE  
 [72] PAULSEN, LARS, DE  
 [72] LASSEN, BERND, DE  
 [72] UIHLEIN, MARKUS, DE  
 [72] ZINTZEN, BERNHARD, DE  
 [72] DETMERS, ANDREAS, DE  
 [72] MADER, SVEN, DE  
 [72] PAASCH, BURKHARD, DE  
 [72] MEIER, CHRISTIAN, DE  
 [71] HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT, DE  
 [22] 2003-11-17  
 [41] 2004-07-07  
 [30] DE (103 00 163.8) 2003-01-07

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[13] A1

[51] Int.Cl. 7A01B 35/18 7A01C 5/06  
 [25] EN  
**[54] RIP STRIP PRIMARY TILLAGE SYSTEM**  
**[54] SYSTEME PRIMAIRE DE TRAVAIL DU SOL A BANDE DE SCARIFIAGE**  
 [72] KOVACH, MICHAEL G., US  
 [72] GERBER, RICKY L., US  
 [71] KOVACH, MICHAEL G., US  
 [71] GERBER, RICKY L., US  
 [22] 2003-11-17  
 [41] 2004-07-10  
 [30] US (10/340,432) 2003-01-10

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[21] **2,449,757**

[13] A1

[51] Int.Cl. 7F16K 31/06 7B60T 15/18  
 [25] EN  
**[54] THREE STATE MAGNET VALVE**  
**[54] ELECTROVALVE A TROIS ETATS**  
 [72] CORLEY, LEON W., JR., US  
 [71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
 [22] 2003-11-18  
 [41] 2004-07-07  
 [30] US (10/338,100) 2003-01-07

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 [13] A1

[51] Int.Cl. 7A61B 17/08 7A61F 9/00  
**7A61B 17/122**  
 [25] EN  
**[54] WOUND CLAMP**  
**[54] CRAMPOON POUR PLAIE**  
 [72] CHARLES, STEVEN T., US  
 [72] HICKINGBOTHAM, DYSON W., US  
 [71] ALCON, INC., CH  
 [22] 2003-11-18  
 [41] 2004-07-07  
 [30] US (10/337,532) 2003-01-07

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[21] **2,450,120**  
 [13] A1

[51] Int.Cl. 7A01B 35/00 7A01C 5/02  
 [25] EN  
**[54] SOIL SURFACE TILLAGE POINT IN COMBINATION OF PRIMARY TILLAGE SHANK SYSTEM**  
**[54] POINT DE LABOUR DE SURFACE COMBINE A UN SYSTEME PRIMAIRE DE TRAVAIL DU SOL A DENTS**  
 [72] KOVACH, MICHAEL G., US  
 [72] GERBER, RICKEY L., US  
 [71] KOVACH, MICHAEL G., US  
 [71] GERBER, RICKEY L., US  
 [22] 2003-11-17  
 [41] 2004-07-10  
 [30] US (10/339,874) 2003-01-10

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[21] **2,450,626**  
 [13] A1

[51] Int.Cl. 7G07F 17/32 7G07D 9/00  
 [25] EN  
**[54] BILL STACKER AND HOPPER ACCESS TECHNIQUE FOR A GAMING DEVICE**  
**[54] TECHNIQUE D'ACCES A L'EMPILEUSE-TREMIE A BILLETS POUR UN APPAREIL DE JEUX DE HASARD**  
 [72] GAUSELMANN, MICHAEL, DE  
 [71] ATRONIC INTERNATIONAL GMBH, DE  
 [22] 2003-11-25  
 [41] 2004-07-08  
 [30] US (10/339,517) 2003-01-08

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[21] **2,451,064**  
 [13] A1

[51] Int.Cl. 7A01C 7/20 7A01C 7/08  
 [25] EN  
**[54] SEED PLACEMENT SYSTEM FOR USE IN A SEEDING MACHINE**  
**[54] SYSTEME DE PLACEMENT DES SEMENCES POUR SEMEUSE**  
 [72] STEPHENS, LYLE E., US  
 [72] VALDEZ, JOSE M., US  
 [72] ROMAN, ROBERT J., US  
 [72] KEATON, MILES R., US  
 [71] DEERE & COMPANY, US  
 [22] 2003-11-27  
 [41] 2004-07-10  
 [30] US (10/339,920) 2003-01-10

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[21] **2,451,066**  
 [13] A1

[51] Int.Cl. 7A01C 7/20 7A01C 7/08  
 [25] EN  
**[54] SEED SLIDE FOR USE IN AN AGRICULTURAL SEEDING MACHINE**  
**[54] GLISSIERE A SEMENCES POUR SEMOIR**  
 [72] VALDEZ, JOSE M., US  
 [72] THIEMKE, DANIEL BRUCE, US  
 [71] DEERE & COMPANY, US  
 [22] 2003-11-27  
 [41] 2004-07-10  
 [30] US (10/339,970) 2003-01-10

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[21] **2,451,285**  
 [13] A1

[51] Int.Cl. 7H04M 1/60 7G10L 21/00  
**7H04R 3/00 7H04M 1/74**  
 [25] EN  
**[54] MULTIPLE WIRELESS MICROPHONE SPEAKERPHONE SYSTEM AND METHOD**  
**[54] BLOC MICROS/HAUT-PARLEURS A PLUSIEURS MICROS SANS FIL ET METHODE**  
 [72] POTHIBOON, SUPAJET G., CA  
 [72] HUNDAL, SUKHDEEP S., CA  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-11-28  
 [41] 2004-07-08  
 [30] US (60/438,534) 2003-01-08  
 [30] US (10/400,649) 2003-03-28

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[21] **2,451,304**  
 [13] A1

[51] Int.Cl. 7H04B 1/66 7H04B 17/00  
 [25] EN  
**[54] SYSTEM AND METHOD FOR ADAPTIVE BANDWIDTH UTILIZATION FOR INTEROPERABILITY**  
**[54] SYSTEME ET METHODE D'OBTENTION DE BANDE PASSANTE ADAPTATIVE POUR L'INTEROPERABILITE**  
 [72] POTHIBOON, SUPAJET G., CA  
 [72] HUNDAL, SUKHDEEP S., CA  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-11-28  
 [41] 2004-07-08  
 [30] US (10/338,009) 2003-01-08

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 [13] A1

[51] Int.Cl. 7H04M 1/00 7H04Q 7/32  
 [25] EN  
**[54] METHOD AND SYSTEM FOR SELECTION OF MENU ITEMS IN A TELEPHONE MENU SCREEN INTERFACE**  
**[54] METHODE ET SYSTEME DE SELECTION D'ARTICLES DE MENUS SUR UNE INTERFACE D'ECRAN DE MENUS TELEPHONIQUES**  
 [72] CHARNEY, DOUGLAS, CA  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-11-28  
 [41] 2004-07-08  
 [30] US (60/438,534) 2003-01-08  
 [30] US (10/400,649) 2003-03-28

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[21] **2,451,348**  
 [13] A1

[51] Int.Cl. 7E06B 7/00 7E06B 5/00 7E05D 13/00 7E05F 15/00 7E05D 15/06 7E06B 7/12  
 [25] EN  
**[54] AIR HEATED, FLEXIBLE DOOR PANEL**  
**[54] PANNEAU DE PORTE SOUPLE A AIR CHAUD**  
 [72] NICHOLS, WILLIAM B., US  
 [72] BERRY, CURTIS L., US  
 [71] JAMISON DOOR COMPANY, US  
 [22] 2003-11-27  
 [41] 2004-07-10  
 [30] US (10/339,822) 2003-01-10

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[13] A1

[51] Int.Cl. 7A01C 7/08 7A01C 7/20  
[25] EN  
[54] SEED METERING SYSTEM FOR USE IN A SEEDING MACHINE  
[54] SYSTEME DE DOSAGE DE SEMENCES POUR SEMOIR  
[72] VALDEZ, JOSE M., US  
[72] VANDERSNICK, TODD EDWARD, US  
[72] RYLANDER, DAVID JAMES, US  
[72] THIEMKE, DANIEL BRUCE, US  
[72] KEATON, MILES RAYMOND, US  
[72] PENFOLD, GARN, US  
[71] DEERE & COMPANY, US  
[22] 2003-12-01  
[41] 2004-07-10  
[30] US (10/339,916) 2003-01-10

[21] **2,451,731**  
[13] A1

[51] Int.Cl. 7A01C 5/06  
[25] EN  
[54] FURROW OPENER/CLOSER IN AN AGRICULTURAL MACHINE  
[54] DISPOSITIF D'OUVERTURE ET DE FERMETURE DE SILLON POUR MACHINE AGRICOLE  
[72] THOMPSON, WILLIAM HENSEN, US  
[72] KEATON, MILES RAYMOND, US  
[72] RYLANDER, DAVID JAMES, US  
[71] DEERE & COMPANY, US  
[22] 2003-12-01  
[41] 2004-07-10  
[30] US (10/339,981) 2003-01-10

[21] **2,451,732**  
[13] A1

[51] Int.Cl. 7A01C 7/08 7A01C 7/20  
[25] EN  
[54] SEED PLACEMENT SYSTEM FOR USE IN A SEEDING MACHINE  
[54] SYSTEME DE PLACEMENT DES SEMENCES POUR SEMOIR  
[72] THIEMKE, DANIEL BRUCE, US  
[71] DEERE & COMPANY, US  
[22] 2003-12-01  
[41] 2004-07-10  
[30] US (10/340,523) 2003-01-10

[21] **2,451,945**  
[13] A1

[51] Int.Cl. 7H04N 5/76 7H04N 5/761  
[25] EN  
[54] SYSTEM AND METHOD FOR IMPROVED RETROACTIVE RECORDING AND/OR REPLAY  
[54] SYSTEME ET METHODE PERMETTANT D'AMELIORER L'ENREGISTREMENT ET/OU LA LECTURE EN RETROACTION  
[72] MAYER, YARON, IL  
[71] MAYER, YARON, IL  
[22] 2003-12-12  
[41] 2004-07-10  
[30] US (60/439,999) 2003-01-10  
[30] US (10/449,703) 2003-06-02  
[30] CA (2,430,272) 2003-06-02

[21] **2,452,278**  
[13] A1

[51] Int.Cl. 7H04M 11/06 7H04M 1/725  
[25] EN  
[54] SYSTEM AND METHOD FOR DOWNLOADING DATA  
[54] SYSTEME ET METHODE DE TELECHARGEMENT DE DONNEES  
[72] TSE, WING NAM, HK  
[72] CHAN, CHI FAI, HK  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-04  
[41] 2004-07-08  
[30] US (10/338,014) 2003-01-08

[21] **2,452,286**  
[13] A1

[51] Int.Cl. 7H04M 11/06 7H04L 12/20  
7H04L 12/66  
[25] EN  
[54] WIRELESS VOICE/DATA GATEWAY  
[54] PASSERELLE TELEPHONIQUE/DE DONNEES SANS FIL  
[72] ROGALSKI, GARY, CA  
[72] TISCHLER, RALPH, CA  
[72] WONG, KENT, HK  
[72] ALVARADO, DOUGLAS, CA  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-04  
[41] 2004-07-08  
[30] US (60/438,530) 2003-01-08  
[30] US (10/401,797) 2003-03-31

[21] **2,452,216**  
[13] A1

[51] Int.Cl. 7H04M 1/57  
[25] EN  
[54] SYSTEM AND METHOD FOR REMOTELY ACCESSING CALLER ID INFORMATION  
[54] SYSTEME ET METHODE D'ACCES A DISTANCE DE L'IDENTIFICATION DE L'APPELANT  
[72] TISCHLER, RALPH, CA  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-04  
[41] 2004-07-08  
[30] US (10/338,007) 2003-01-08

[21] **2,452,521**  
[13] A1

[51] Int.Cl. 7F16B 25/06  
[25] EN  
[54] SELF-TAPPING SCREW FOR COMPOSITE MATERIALS  
[54] VIS AUTOTARAUDÉEUSE POUR MATERIAUX COMPOSITES  
[72] DICKE, ROBERT, DE  
[71] ALTENLOH, BRINCK & CO. GMBH & CO. KG, DE  
[22] 2003-12-09  
[41] 2004-07-07  
[30] US (60/438,409) 2003-01-07  
[30] DE (203 05 949.2) 2003-04-11

[21] **2,452,244**  
[13] A1

[51] Int.Cl. 7F25B 15/00 7F25B 25/02  
[25] EN  
[54] AMMONIA-WATER ABSORPTION SYSTEM WITH PLUNGER-DRIVEN DIAPHRAGM SOLUTION PUMP  
[54] SYSTEME D'ABSORPTION D'HYDROXYDE D'AMMONIUM AVEC POMPE A MEMBRANE ENTRAINEE PAR PISTON  
[72] SARKISIAN, PAUL, US  
[72] DOOLEY, WILLIAM T., US  
[72] ROCKENFELLER, UWE, US  
[71] ROCKY RESEARCH, US  
[22] 2003-12-04  
[41] 2004-07-09  
[30] US (10/340,918) 2003-01-09

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[21] **2,452,535**  
 [13] A1

[51] Int.Cl. 7H04M 1/725 7H04N 7/18  
 [25] EN  
**WIRELESS MULTI-HANDSET TELEPHONE SYSTEM WITH INTEGRATED VIDEO MONITORING ACCESSORIES**  
 [54] SYSTEME TELEPHONIQUE MULTI-COMBINES SANS FIL AVEC ACCESSOIRES DE CONTROLE VIDEO INTEGRES  
 [72] TISCHLER, RALPH, CA  
 [72] RYLEY, GORDON, CA  
 [72] WONG, ALLAN CHI-YUN, HK  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-12-04  
 [41] 2004-07-06  
 [30] US (60/437,998) 2003-01-06  
 [30] US (10/401,539) 2003-03-31

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[21] **2,452,949**  
 [13] A1

[51] Int.Cl. 7H04M 1/00 7H04M 11/06  
**7H04M 1/725**  
 [25] EN  
**METHOD AND SYSTEM FOR TRANSFERRING DATA TO A LINE CONNECTED DEVICE USING A COMPUTER MODEM**  
 [54] METHODE ET SYSTEME DE TRANSFERT DE DONNEES A UN DISPOSITIF RACCORDE A UNE LIGNE AU MOYEN D'UN MODEM D'ORDINATEUR  
 [72] CHARNEY, DOUGLAS, CA  
 [72] ALVARADO, DOUGLAS, CA  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-12-11  
 [41] 2004-07-08  
 [30] US (60/438,526) 2003-01-08  
 [30] US (10/401,728) 2003-03-31

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[21] **2,452,964**  
 [13] A1

[51] Int.Cl. 7H04B 17/00 7H04M 1/725  
 [25] EN  
**SYSTEM AND METHOD FOR USING RSSI TO INVOKE FEATURES OF A WIRELESS DEVICE**  
 [54] SYSTEME ET METHODE D'UTILISATION DE RSSI POUR SOLICITER LES FONCTIONS D'UN DISPOSITIF SANS FIL  
 [72] CHAN, CHI FAI, HK  
 [72] TSANG, HEI MING, HK  
 [72] LEUNG, WAI HUNG, HK  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-12-11  
 [41] 2004-07-08  
 [30] US (10/338,006) 2003-01-08

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[21] **2,452,826**  
 [13] A1

[51] Int.Cl. 7A23G 3/30 7A61P 1/02  
**7A61K 7/16 7A61K 9/68**  
 [25] EN  
**CHEWING GUM COMPOSITIONS COMPRISING DIGLYCEROL**  
 [54] COMPOSITIONS DE GOMME A MACHER CONTENANT DE LA DIGLYCERINE  
 [72] STIER, ROGER E., US  
 [72] CAREY, DANIEL, US  
 [72] FRITZ, DOUGLAS P., US  
 [71] NOVILLE, INC., US  
 [22] 2003-12-10  
 [41] 2004-07-08  
 [30] US (10/338,464) 2003-01-08

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[21] **2,452,957**  
 [13] A1

[51] Int.Cl. 7H04L 12/16 7H04M 11/00  
 [25] EN  
**SYSTEM AND METHOD TO FACILITATE SIMULTANEOUS TRANSMISSION OF VOICE AND DATA BETWEEN A PC AND REMOTE TELEPHONY DEVICE**  
 [54] SYSTEME ET METHODE FACILITANT LA TRANSMISSION SIMULTANEE DE LA VOIX ET DE DONNEES ENTRE UN PC ET UN DISPOSITIF TELEPHONIQUE ELOIGNE  
 [72] ROGALSKI, GARY, CA  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-12-11  
 [41] 2004-07-08  
 [30] US (60/438,531) 2003-01-08  
 [30] US (10/401,796) 2003-03-31

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[21] **2,452,993**  
 [13] A1

[51] Int.Cl. 7G06F 3/00 7G06F 3/14 7G06F 9/44  
 [25] EN  
**ACTIVE CONTENT WIZARD: EXECUTION OF TASKS AND STRUCTURED CONTENT**  
 [54] ASSISTANT ACTIF INTELLIGENT : EXECUTION DE TACHES ET CONTENU STRUCTURE  
 [72] BALA, ARAVIND, US  
 [71] MICROSOFT CORPORATION, US  
 [22] 2003-12-11  
 [41] 2004-07-07  
 [30] US (10/337,745) 2003-01-07

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[21] **2,452,937**  
 [13] A1

[51] Int.Cl. 7H05F 1/00  
 [25] EN  
**ELECTROSTATIC DISCHARGE PROTECTION SHIELD DEVICE**  
 [54] ECRAN PROTECTEUR CONTRE LES DECHARGES ELECTROSTATIQUES  
 [72] YU, YAT SHUN (DAMIEN), CA  
 [72] HO, ALEC, CA  
 [72] LIU, IAN, CA  
 [72] YAZDI, REZA AHMADIAN, CA  
 [72] CHE, KENNY VENG HONG, CA  
 [72] JANSEN, HOLGER, CA  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-12-11  
 [41] 2004-07-07  
 [30] US (10/337,608) 2003-01-07

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[21] **2,453,041**  
 [13] A1

[51] Int.Cl. 7A47K 10/20 7B65H 1/06  
 [25] FR  
**DISTRIBUTEUR DE FEUILLES AVEC MOYEN DE FREINAGE LATERAL**  
 [54] SHEET DISTRIBUTION DEVICE WITH LATERAL BREAKING MECHANISM  
 [72] NEVEU, JEAN-LOUIS, FR  
 [71] GEORGIA-PACIFIC FRANCE, FR  
 [22] 2003-12-30  
 [41] 2004-07-10  
 [30] EP (03000396.8) 2003-01-10

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[21] **2,453,054**  
[13] A1

[51] Int.Cl. 7B42F 13/04  
[25] EN  
[54] NOTEBOOK, FOLIO AND DIVIDER WITH PEN HOLDER  
[54] AGENDA AVEC PORTE-STYLO INTEGRE  
[72] O'BOYLE, THOMAS GERARD, US  
[71] TIMEPLANNER CALENDARS, INC., US  
[22] 2003-12-15  
[41] 2004-07-10  
[30] US (60/439,118) 2003-01-10

[21] **2,453,354**  
[13] A1

[51] Int.Cl. 7E01C 23/00 7E01H 1/02  
7E01H 1/08 7A47L 11/32  
[25] EN  
[54] SPORTS SURFACE RECONDITIONER  
[54] APPAREIL DE REMISE A NEUF DE SURFACE DE SPORT  
[72] JOMPHE, JULIEN, CA  
[71] JOMPHE, JULIEN, CA  
[22] 2004-01-08  
[41] 2004-07-09  
[30] US (60/438,761) 2003-01-09

[21] **2,453,630**  
[13] A1

[51] Int.Cl. 7B65G 27/26  
[25] EN  
[54] LINEAR DRIVE FOR VIBRATORY APPARATUS  
[54] COMMANDE LINEAIRE POUR APPAREIL VIBRANT  
[72] KRAUS, RICHARD B., US  
[71] GENERAL KINEMATICS CORPORATION, US  
[22] 2003-12-18  
[41] 2004-07-08  
[30] US (10/338,316) 2003-01-08

[21] **2,453,055**  
[13] A1

[51] Int.Cl. 7H01Q 1/36 7H01Q 9/04  
[25] EN  
[54] INTGRATED INVERTED F ANTENNA AND SHIELD CAN  
[54] ANTENNE EN F INVERSE INTEGREE ET ENVELOPPE ECRAN  
[72] LEUNG, WAI-HUNG, HK  
[72] WONG, ARGUS C. W., HK  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-11  
[41] 2004-07-06  
[30] US (10/336,686) 2003-01-06

[21] **2,453,469**  
[13] A1

[51] Int.Cl. 7H04M 1/02  
[25] EN  
[54] SYSTEMS AND METHODS FOR AN ELECTRONIC HOOK SWITCH FOR CUSTOMER PREMISES EQUIPMENT  
[54] SYSTEMES ET METHODES APPLICABLES A UN CROCHET COMMUTATEUR ELECTRONIQUE POUR EQUIPEMENT DES LOCAUX D'UN ABONNE  
[72] PILCHER, NGAI KWOK HING, HK  
[72] LEUNG, WAI HUNG, HK  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-17  
[41] 2004-07-08  
[30] US (60/438,532) 2003-01-08  
[30] US (10/400,648) 2003-03-28

[21] **2,453,686**  
[13] A1

[51] Int.Cl. 7A47K 10/38 7A47K 10/32  
[25] EN  
[54] LOW COST ROLL DISPENSER  
[54] DISTRIBUTRICE DE ROULEAUX A PRIX MODIQUE  
[72] OMDOLL, PAUL A., US  
[72] COLLINS, SCOTT, US  
[71] THE COLMAN GROUP, INC., US  
[22] 2003-12-17  
[41] 2004-07-09  
[30] US (10/339,194) 2003-01-09

[21] **2,453,205**  
[13] A1

[51] Int.Cl. 7B23D 51/10 7B23D 61/12  
7B23D 49/16  
[25] EN  
[54] CLAMPING ARRANGEMENT FOR RECEIVING A SAW BLADE IN MULTIPLE ORIENTATIONS  
[54] MECANISME DE SERRAGE DE LAME DE SCIE DANS DE MULTIPLES ORIENTATIONS  
[72] MOORES, ROBERT G., JR., US  
[72] DASSOULAS, STEPHEN C., US  
[72] BIGDEN, JONATHAN D.C., US  
[72] GRANT, JEFFREY P., US  
[72] MELVIN, JASON R., US  
[72] DERRETH, JAMES J., US  
[71] BLACK & DECKER INC., US  
[22] 2003-12-12  
[41] 2004-07-06  
[30] US (10/337,232) 2003-01-06

[21] **2,453,479**  
[13] A1

[51] Int.Cl. 7G06F 13/00 7H04L 27/10  
7H04M 1/725  
[25] EN  
[54] METHOD AND SYSTEM FOR TRANSFERRING DATA FOR UPGRADING FEATURES IN PORTABLE ELECTRONIC DEVICES  
[54] METHODE ET SYSTEME DE TRANSFERT DE DONNEES POUR L'AMELIORATION DES FONCTIONS DE DISPOSITIFS ELECTRONIQUES PORTABLES  
[72] ALVARADO, DOUGLAS, CA  
[72] CHARNEY, DOUGLAS, CA  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-17  
[41] 2004-07-08  
[30] US (60/438,529) 2003-01-08  
[30] US (10/401,764) 2003-03-31

[21] **2,453,691**  
[13] A1

[51] Int.Cl. 7H04M 1/00 7H04M 1/725  
[25] EN  
[54] METHOD AND SYSTEM FOR DOWNLOADING AUDIO SAMPLES FOR PERSONALIZED TELEPHONE RING TONES  
[54] METHODE ET SYSTEME DE TELECHARGEMENT D'ECHANTILLONS AUDIO POUR TONALITES D'APPEL TELEPHONIQUE PERSONNALISEES  
[72] ROGALSKI, GARY, CA  
[72] CHARNEY, DOUGLAS, CA  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-17  
[41] 2004-07-08  
[30] US (60/438,528) 2003-01-08  
[30] US (10/400,406) 2003-03-28

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[21] 2,453,692  
[13] A1

[51] Int.Cl. 7H04Q 7/22  
[25] EN  
[54] SYSTEM AND METHOD FOR TWO-WAY MESSAGING BETWEEN A PERSONAL COMPUTER AND A CORDLESS DEVICE INCLUDING STEREO  
[54] SYSTEME ET METHODE DE MESSAGERIE BILATERALE ENTRE UN ORDINATEUR PERSONNEL ET UN DISPOSITIF SANS FIL COMPORTANT DE LA MUSIQUE STEREOPHONIQUE  
[72] ROGALSKI, GARY, CA  
[72] BROWN, WENDY, US  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-17  
[41] 2004-07-08  
[30] US (60/438,527) 2003-01-08  
[30] US (10/401,760) 2003-03-31

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[21] 2,453,724  
[13] A1

[51] Int.Cl. 7H04M 1/72 7G06F 13/00  
7H04Q 7/32 7H04M 1/725  
[25] EN  
[54] TELEPHONE BASE UNIT HAVING DYNAMICALLY CONFIGURABLE SOFTWARE  
[54] BASE DE TELEPHONE COMPORANT UN LOGICIEL A CONFIGURATION DYNAMIQUE  
[72] DURY, JAMES, CA  
[72] WONG, SEAN, CA  
[72] LOUIE, GARY, CA  
[72] JANSEN, HOLGER, CA  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-19  
[41] 2004-07-08  
[30] US (10/338,420) 2003-01-08

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[21] 2,453,727  
[13] A1

[51] Int.Cl. 7H04M 1/60 7H04R 3/04  
7H04M 1/725  
[25] EN  
[54] USER SELECTABLE SOUND ENHANCEMENT FEATURE  
[54] FONCTION D'AMELIORATION DU SON SELECTABLE PAR L'UTILISATEUR  
[72] HODALI, NADER, CA  
[72] CAO, JAMES, CA  
[72] KROPP, STEPHEN GEORGE, CA  
[72] GREWAL, JAGLIT S., CA  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-19  
[41] 2004-07-08  
[30] US (10/338,474) 2003-01-08

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[21] 2,453,795  
[13] A1

[51] Int.Cl. 7H04M 1/725  
[25] EN  
[54] CORDLESS TELEPHONE SYSTEM WITH WIRELESS EXPANSION PERIPHERALS  
[54] SYSTEME TELEPHONIQUE SANS FIL AVEC PERIPHERIQUES D'EXTENSION SANS FIL  
[72] RYLEY, GORDON, CA  
[72] CHARNEY, DOUGLAS, CA  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-22  
[41] 2004-07-08  
[30] US (10/338,574) 2003-01-08

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[21] 2,453,796  
[13] A1

[51] Int.Cl. 7A45D 20/12  
[25] EN  
[54] ATTACHMENT FOR HAIR DRYERS  
[54] ACCESSOIRE DE SECHOIR A CHEVEUX  
[72] WILCOX, JOHN, US  
[72] TOBIN, RICHARD NEIL, US  
[72] MICINILIO, GREGG A., US  
[72] ANDREW, MICHAEL A., US  
[71] REMINGTON PRODUCTS COMPANY, L.L.C., US  
[22] 2003-12-22  
[41] 2004-07-06  
[30] US (60/438,542) 2003-01-06  
[30] US (UNKNOWN) 2003-12-19

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[21] 2,453,806  
[13] A1

[51] Int.Cl. 7H04B 1/10 7H04M 1/725  
[25] EN  
[54] SYSTEM AND METHOD FOR IDENTIFYING INTERFERERS IN A COMMUNICATION SPECTRUM  
[54] SYSTEME ET METHODE D'IDENTIFICATION DES SOURCES DE BROUILLAGE DU SPECTRE DES COMMUNICATIONS  
[72] KOPRIVICA, MILOSH, CA  
[72] HUNDAL, SUKHDEEP S., CA  
[71] VTECH TELECOMMUNICATIONS LIMITED, HK  
[22] 2003-12-22  
[41] 2004-07-08  
[30] US (10/338,011) 2003-01-08

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[51] Int.Cl. 7B66F 9/18  
[25] EN  
[54] ACTUATING COUPLER FOR HEAVY MACHINERY PERIPHERAL ATTACHMENTS  
[54] ACCOUPLEMENT ACTIONNEUR POUR ACCESSOIRES DE MACHINES LOURDES  
[72] HAROLDSSEN, J. TRON, US  
[72] NIX, JEREMY K., US  
[71] ASPHALT ZIPPER, US  
[22] 2003-12-19  
[41] 2004-07-07  
[30] US (10/337,584) 2003-01-07

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**4 juillet 2004 - 10 juillet 2004**

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[21] **2,453,857**  
 [13] A1

[51] Int.Cl. 7G06F 17/30 7G06F 7/24  
 [25] EN  
**[54] REMOTE MANAGEMENT OF AN EXTERNAL PHONEBOOK**  
**[54] TELEGESTION D'UN ANNUAIRE TELEPHONIQUE EXTERNE**  
 [72] LOUIE, GARY, CA  
 [72] DURY, JAMES, CA  
 [72] WONG, SEAN, CA  
 [72] JANSEN, HOLGER, CA  
 [71] VTECH TELECOMMUNICATIONS LIMITED, HK  
 [22] 2003-12-22  
 [41] 2004-07-08  
 [30] US (10/338,439) 2003-01-08

[21] **2,454,012**  
 [13] A1

[51] Int.Cl. 7G05B 19/042 7G08C 19/00  
**7H05B 37/02 7G08B 13/181**  
 [25] EN  
**[54] ULTRASONIC DISPLACEMENT SENSOR USING DIGITAL SIGNAL PROCESSING DETECTION**  
**[54] CAPTEUR DE DEPLACEMENT ULTRASOONORE FAISANT APPEL A LA DETECTION PAR TRAITEMENT DE SIGNAUX NUMERIQUES**  
 [72] FOX, MARTIN D., US  
 [72] BALDWIN, JOHN R., US  
 [71] HUBBELL INCORPORATED, US  
 [22] 2003-12-23  
 [41] 2004-07-08  
 [30] US (10/337,878) 2003-01-08

[21] **2,454,206**  
 [13] A1

[51] Int.Cl. 7B29C 45/14 7B29C 45/00  
**7C08G 18/48**  
 [25] EN  
**[54] PROCESS FOR PRODUCING POLYURETHANE MOLDINGS**  
**[54] METHODE DE PRODUCTION D'OBJETS MOULES EN POLYURETHANE**  
 [72] WIRTH, JUERGEN, DE  
 [72] SIEBEN, KLAUS, DE  
 [72] PAWLIK, WOLFGANG, DE  
 [72] BEGEMANN, MICHAEL, DE  
 [71] HENNECKE GMBH, DE  
 [22] 2003-12-23  
 [41] 2004-07-07  
 [30] DE (10300101.8) 2003-01-07

[21] **2,453,866**  
 [13] A1

[51] Int.Cl. 7B05B 7/14  
 [25] EN  
**[54] METHOD AND SYSTEM FOR PUMPING POWDER, AND POWDER COATING APPARATUS**  
**[54] METHODE ET SYSTEME POUR POMPER DE LA POUDRE ET APPAREIL A PEINTURER A LA POUDRE**  
 [72] SANWALD, MARCO, CH  
 [71] ITW GEMA AG, CH  
 [22] 2003-12-18  
 [41] 2004-07-08  
 [30] DE (103 00 280.4) 2003-01-08  
 [30] EP (03 014 661.7) 2003-06-27

[21] **2,454,121**  
 [13] A1

[51] Int.Cl. 7E04G 11/08  
 [25] EN  
**[54] CONCRETE FORM ASSEMBLY**  
**[54] COFFRAGE A BETON**  
 [72] PETERSON, ERIK C., US  
 [72] MILLER, THOMAS E., US  
 [71] METAL FORMS CORPORATION, US  
 [22] 2003-12-23  
 [41] 2004-07-07  
 [30] US (10/337,798) 2003-01-07

[21] **2,454,234**  
 [13] A1

[51] Int.Cl. 7H01R 13/627  
 [25] EN  
**[54] CONNECTOR WITH SNAP COLLAR LATCHING**  
**[54] CONNECTEUR A VERROUILLAGE PAR COLLIER A PRESSION**  
 [72] TURCK, DIETRICH, DE  
 [72] SCHMIDT, WERNER, DE  
 [71] ESCHA BAUELEMENTE GMBH, DE  
 [71] LUMBERG AUTOMATION COMPONENTS GMBH & CO. KG, DE  
 [22] 2003-12-23  
 [41] 2004-07-10  
 [30] DE (20300326.8) 2003-01-10

[21] **2,453,918**  
 [13] A1

[51] Int.Cl. 7A47B 97/00  
 [25] EN  
**[54] APPARATUS AND METHOD FOR PRECLUDING ARTICLES FROM FALLING INTO A GAP**  
**[54] APPAREIL ET METHODE POUR EMPECHER DES ARTICLES DE TOMBER DANS UNE OUVERTURE**  
 [72] OWEN, JAMES G., US  
 [71] OWEN, JAMES G., US  
 [22] 2003-12-22  
 [41] 2004-07-08  
 [30] US (60/438,687) 2003-01-08

[21] **2,454,151**  
 [13] A1

[51] Int.Cl. 7H04Q 7/38  
 [25] EN  
**[54] MULTIPLE INBOUND CHANNEL GRANTING METHOD AND APPARATUS**  
**[54] METHODE ET DISPOSITIF DE CONCESSION DE COMMUNICATIONS D'ARRIVEE MULTIPLES**  
 [72] RUDOWICZ, MICHAEL, US  
 [71] MOTOROLA, INC., US  
 [22] 2003-12-23  
 [41] 2004-07-07  
 [30] US (10/337,599) 2003-01-07

[21] **2,454,284**  
 [13] A1

[51] Int.Cl. 7B65D 75/04 7B65B 63/02  
**7B65D 65/02 7B65B 11/28 7B65D 65/40**  
 [25] EN  
**[54] METHOD AND APPARATUS FOR PACKAGING MATERIAL UNDER COMPRESSION AND THE PACKAGE MADE THEREBY**  
**[54] METHODE ET APPAREIL D'EMBALLAGE DE MATERIAU PAR COMPRESSION, ET EMBALLAGE FABRIQUE DE CETTE FACON**  
 [72] O'CONNOR, LAWRENCE J., US  
 [71] KT HOLDINGS LTD., CA  
 [22] 2003-12-29  
 [41] 2004-07-07  
 [30] US (60/438,293) 2003-01-07  
 [30] US (10/660,645) 2003-09-12

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[21] **2,454,359**  
 [13] A1  
 [51] Int.Cl. 7B60K 31/18 7G01P 3/42  
 [25] EN  
**VEHICLE SPEED DISPLAY APPARATUS**  
**APPAREIL D'AFFICHAGE DE LA VITESSE D'UN VEHICULE**  
 [54] APPAREIL D'AFFICHAGE DE LA VITESSE D'UN VEHICULE  
 [72] NAKAZAWA, TAKESHI, JP  
 [72] YAMAZAKI, MASAKI, JP  
 [71] HONDA MOTOR CO., LTD., JP  
 [22] 2003-12-29  
 [41] 2004-07-08  
 [30] JP (2003-002136) 2003-01-08

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[21] **2,454,441**  
 [13] A1  
 [51] Int.Cl. 7F23G 5/50 7F23G 5/027  
 7G01N 27/416 7F23G 5/44  
 [25] EN  
**METHODS AND SYSTEMS FOR MEASURING AND CONTROLLING THE PERCENT STOICHIOMETRIC OXIDANT IN AN INCINERATOR**  
**METHODES ET SYSTEMES POUR MESURER ET CONTROLER LE POURCENTAGE STOCHIOMETRIQUE D'OXYDANT DANS UN INCINERATEUR**  
 [54] METHODS AND SYSTEMS FOR MEASURING AND CONTROLLING THE PERCENT STOICHIOMETRIC OXIDANT IN AN INCINERATOR  
 [54] METHODES ET SYSTEMES POUR MESURER ET CONTROLER LE POURCENTAGE STOCHIOMETRIQUE D'OXYDANT DANS UN INCINERATEUR  
 [72] SMITH, JOSEPH D., US  
 [72] ARNOLD, KENNY M., US  
 [72] HONG, JIANHUI, US  
 [71] JOHN ZINK COMPANY, LLC, US  
 [22] 2003-12-30  
 [41] 2004-07-09  
 [30] US (10/339,362) 2003-01-09

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[21] **2,454,455**  
 [13] A1  
 [51] Int.Cl. 7C07C 211/55  
 [25] EN  
**PROCESS FOR THE PRODUCTION OF AMINODIPHENYLAMINES**  
**PROCEDE DE PRODUCTION D'AMINODIPHENYLAMINES**  
 [54] PROCESS FOR THE PRODUCTION OF AMINODIPHENYLAMINES  
 [54] PROCEDE DE PRODUCTION D'AMINODIPHENYLAMINES  
 [72] SICHENEDER, ADOLF, DE  
 [72] SCHOLZ, ULRICH, DE  
 [72] HAIDER, JOACHIM, DE  
 [71] BAYER AKTIENGESELLSCHAFT, DE  
 [22] 2003-12-30  
 [41] 2004-07-07  
 [30] DE (10300126.3) 2003-01-07

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[21] **2,454,507**  
 [13] A1  
 [51] Int.Cl. 7E04D 13/17 7F24F 7/02  
 7E04D 13/152  
 [25] EN  
**UNITARY ATTIC RAFTER VENT AND INSULATION DAM ASSEMBLY**  
**ENSEMBLE D'ISOLATION ET DE VENTILATION INTEGRE AUX CHEVRONS DE GRENIER**  
 [54] ENSEMBLE D'ISOLATION ET DE VENTILATION INTEGRE AUX CHEVRONS DE GRENIER  
 [72] MALONE, BRUCE A., US  
 [72] LACEY, TIMOTHY, US  
 [72] GEER, GARRET F., US  
 [71] DOW GLOBAL TECHNOLOGIES INC., US  
 [22] 2003-12-30  
 [41] 2004-07-08  
 [30] US (60/438,943) 2003-01-08  
 [30] US (60/503,744) 2003-09-17

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[21] **2,454,513**  
 [13] A1  
 [51] Int.Cl. 7F04F 1/06 7A01G 23/10  
 7A01G 23/14  
 [25] EN  
**AIR DRIVEN LIQUID PUMP**  
**POMPE A LIQUIDE A ENTRAINEMENT PNEUMATIQUE**  
 [54] AIR DRIVEN LIQUID PUMP  
 [54] POMPE A LIQUIDE A ENTRAINEMENT PNEUMATIQUE  
 [72] HARVEY, JULES, CA  
 [71] HARVEY, JULES, CA  
 [22] 2004-01-08  
 [41] 2004-07-10  
 [30] GB (0300520.4) 2003-01-10

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[21] **2,454,590**  
 [13] A1  
 [51] Int.Cl. 7B60N 2/30 7B60N 2/02  
 [25] EN  
**STOWABLE REAR SEAT FOR VEHICLE PASSENGER COMPARTMENTS**  
**SIEGE ARRIERE ESCAMOTABLE POUR HABITACLE DE VEHICULE**  
 [54] SIEGE ARRIERE ESCAMOTABLE POUR HABITACLE DE VEHICULE  
 [72] DANIEL, PATRICK, FR  
 [71] FAURECIA AUTOMOTIVE SEATING CANADA LIMITED, CA  
 [22] 2003-12-31  
 [41] 2004-07-06  
 [30] US (60/437,987) 2003-01-06

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[21] **2,454,594**  
 [13] A1  
 [51] Int.Cl. 7E21B 23/04 7E21B 21/10  
 7E21B 43/10 7E21B 33/13  
 [25] EN  
**METHOD AND APPARATUS FOR SURGE PRESSURE REDUCTION IN A TOOL WITH FLUID MOTIVATOR**  
**METHODE ET APPAREIL POUR LA REDUCTION DES COUPS DE BELIER DANS UN OUTIL EQUIPE D'UN MOTEUR FACILITANT LE DEBIT**  
 [54] METHOD AND APPARATUS FOR SURGE PRESSURE REDUCTION IN A TOOL WITH FLUID MOTIVATOR  
 [54] METHODE ET APPAREIL POUR LA REDUCTION DES COUPS DE BELIER DANS UN OUTIL EQUIPE D'UN MOTEUR FACILITANT LE DEBIT  
 [72] GUDMESTAD, TARALD, US  
 [72] MURRAY, MARK J., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2003-12-31  
 [41] 2004-07-09  
 [30] US (10/339,367) 2003-01-09

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[21] **2,454,713**  
 [13] A1  
 [51] Int.Cl. 7C10L 1/22 7C10L 1/18  
 [25] EN  
**FUEL ADDITIVE COMPOSITION AND FUEL COMPOSITION CONTAINING THE SAME**  
**COMPOSITION D'ADDITIFS POUR CARBURANT ET COMPOSITION DE CARBURANT RENFERMANT CELLE-CI**  
 [54] FUEL ADDITIVE COMPOSITION AND FUEL COMPOSITION CONTAINING THE SAME  
 [54] COMPOSITION D'ADDITIFS POUR CARBURANT ET COMPOSITION DE CARBURANT RENFERMANT CELLE-CI  
 [72] OHTA, SATOSHI, JP  
 [72] WATANABE, HIROSHI, JP  
 [72] UMEHARA, KATSUMI, JP  
 [71] CHEVRONTEXACO JAPAN LTD., JP  
 [22] 2003-12-31  
 [41] 2004-07-06  
 [30] JP (2003-000632) 2003-01-06

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[21] **2,454,739**  
 [13] A1  
 [51] Int.Cl. 7G06F 17/60 7B61L 27/04  
 [25] EN  
**MULTI-LEVEL RAILWAY OPERATIONS OPTIMIZATION**  
**OPTIMISATION D'OPERATIONS FERROVIAIRES MULTINIVEAU**  
 [54] MULTI-LEVEL RAILWAY OPERATIONS OPTIMIZATION  
 [54] OPTIMISATION D'OPERATIONS FERROVIAIRES MULTINIVEAU  
 [72] KUMAR, AJITH K., US  
 [72] HOUPT, PAUL K., US  
 [72] KISAK, JEFFREY, US  
 [72] NELSON, SCOTT D., US  
 [72] JULICH, PAUL M., US  
 [72] SHAFFER, GLENN, US  
 [72] MATHE, STEPHEN S., US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2004-01-05  
 [41] 2004-07-06  
 [30] US (60/438,234) 2003-01-06  
 [30] US (UNKNOWN) 2003-12-15

**Demandes canadiennes mises à la disponibilité du public**  
**4 juillet 2004 - 10 juillet 2004**

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[21] **2,454,741**  
 [13] A1

[51] Int.Cl. 7A23G 3/00  
 [25] EN  
**QUICKLY DISSOLVING AERATED CONFECTIONS AND METHODS OF PREPARATION**  
**CONFISERIES AEREES SE DISSOLVANT RAPIDEMENT ET METHODES POUR LEUR PREPARATION**  
 [54] GEOFFRION, JAMES W., US  
 [72] ZIETLOW, PHILIP K., US  
 [72] LANGE, JAY D., US  
 [72] LEUSNER, STEVEN J., US  
 [72] AJAO, DIRAN, US  
 [72] VAN LENGERICH, BERNHARD H., US  
 [71] GENERAL MILLS, INC., US  
 [22] 2004-01-05  
 [41] 2004-07-06  
 [30] US (10/337,030) 2003-01-06

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[21] **2,454,752**  
 [13] A1

[51] Int.Cl. 7F04B 53/14 7F04B 39/00  
 [25] EN  
**PISTON PUMP**  
**POMPE A PISTON**  
 [72] KULTGEN, RAYMOND J., US  
 [72] LEU, SHAWN A., US  
 [71] THOMAS INDUSTRIES INC., US  
 [22] 2004-01-05  
 [41] 2004-07-08  
 [30] US (10/338,950) 2003-01-08

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[21] **2,454,779**  
 [13] A1

[51] Int.Cl. 7B63H 25/02 7B63H 25/52  
 [25] EN  
**APPARATUS FOR BODY MOTION STEERING CONTROL FOR WATER CRAFT**  
**APPAREIL PERMETTANT DE DIRIGER UNE EMBARCATION PAR INCLINAISON DU CORPS**  
 [72] MEYER, MAURICE ROSE, CA  
 [71] MEYER, MAURICE ROSE, CA  
 [22] 2004-01-05  
 [41] 2004-07-06  
 [30] US (60/438,080) 2003-01-06

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[21] **2,454,781**  
 [13] A1

[51] Int.Cl. 7B63B 35/38 7B63B 1/12  
 [25] EN  
**A PONTOON STABILIZED ALUMINUM WATER CRAFT**  
**EMBARCATION EN ALUMINIUM STABILISEE PAR DES FLOTTEURS**  
 [54] GURSOY, ERKAN, CA  
 [72] GURSOY, ERKAN, CA  
 [22] 2004-01-05  
 [41] 2004-07-06  
 [30] US (60/438,086) 2003-01-06

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[21] **2,454,813**  
 [13] A1

[51] Int.Cl. 7A47L 5/14  
 [25] EN  
**INTERLOCK MECHANISMS**  
**MECANISMES D'INTERVERROUILLAGE**  
 [72] SADLER, JOHN, GB  
 [72] TATE, CLARE, GB  
 [71] BLACK & DECKER INC., US  
 [22] 2003-12-31  
 [41] 2004-07-09  
 [30] GB (0300442.1) 2003-01-09

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[21] **2,454,838**  
 [13] A1

[51] Int.Cl. 7A47L 25/00 7C09J 7/02  
 [25] EN  
**ADHESIVE ROLLER**  
**ROULEAU NETTOYEUR ADHESIF**  
 [72] MCKAY, NICHOLAS D., JR., US  
 [71] THE EVERCARE COMPANY, US  
 [22] 2004-01-05  
 [41] 2004-07-09  
 [30] US (10/339,542) 2003-01-09

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[21] **2,454,840**  
 [13] A1

[51] Int.Cl. 7E21B 33/124 7E21B 33/128  
 [25] EN  
**HIGH EXPANSION NON-ELASTOMERIC STRADDLE TOOL**  
**PACKER D'INTERVALLES NON EN ELASTOMERE FORTEMENT EXPANSIF**  
 [72] HOFFMAN, COREY, US  
 [72] WILSON, PAUL, US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-01-05  
 [41] 2004-07-09  
 [30] US (10/339,375) 2003-01-09

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[21] **2,454,842**  
 [13] A1

[51] Int.Cl. 7B03B 9/02 7C02F 1/26  
 [25] EN  
**SYSTEMS AND METHODS FOR PROVIDING TIME- AND WEIGHT-BASED FLEXIBLY TOLERANT ID**  
**SYSTEMES ET METHODES PERMETTANT D'OFRIR UNE IDENTIFICATION TOLERANTE A FLEXIBILITE BASEE SUR LE TEMPS ET LE POIDS**  
 [72] HUGHES, AIDEN T., US  
 [72] GUNYAKI, CAGLAR, US  
 [72] DUBLISH, PRATUL, US  
 [71] MICROSOFT CORPORATION, US  
 [22] 2004-01-05  
 [41] 2004-07-06  
 [30] US (10/337,064) 2003-01-06

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[21] **2,454,843**  
 [13] A1

[51] Int.Cl. 7G06F 9/44 7G06F 11/34  
 [25] EN  
**METHOD AND SYSTEM FOR RECORDING MACROS IN A LANGUAGE INDEPENDENT SYNTAX**  
**METHODE ET SYSTEME D'ENREGISTREMENT DE MACROS DANS UNE SYNTAXE INDEPENDANTE DU LANGAGE**  
 [72] COLE, DAVID PETER, US  
 [72] MATHEW, ABRAHAM, US  
 [71] MICROSOFT CORPORATION, US  
 [22] 2004-01-05  
 [41] 2004-07-08  
 [30] US (10/338,295) 2003-01-08

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[21] **2,454,851**  
 [13] A1

[51] Int.Cl. 7C10L 1/18 7C10L 1/22  
 [25] EN  
**FUEL ADDITIVE COMPOSITION AND FUEL COMPOSITION CONTAINING THE SAME**  
**COMPOSITION D'ADDITIFS POUR CARBURANT ET COMPOSITION DE CARBURANT RENFERMANT CELLE-CI**  
 [72] WATANABE, HIROSHI, JP  
 [72] OHTA, SATOSHI, JP  
 [72] UMEHARA, KATSUMI, JP  
 [71] CHEVRONTEXACO JAPAN LTD., JP  
 [22] 2003-12-30  
 [41] 2004-07-06  
 [30] JP (2003-000631) 2003-01-06

**Canadian Applications Open to Public Inspection**  
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[21] **2,454,870**  
 [13] A1

[51] Int.Cl. 7B65G 17/06  
 [25] EN  
**[54] CONVEYANCE CHAIN**  
**[54] CHAINE DE TRANSPORT**  
 [72] FANDELLA, SERGIO, IT  
 [71] HABASIT AG, CH  
 [22] 2003-12-30  
 [41] 2004-07-09  
 [30] IT (TV2003A000001) 2003-01-09  
 [30] IT (TV2003A9000039) 2003-03-05

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[21] **2,454,875**  
 [13] A1

[51] Int.Cl. 7C07C 211/55  
 [25] EN  
**[54] PROCESS FOR THE PREPARATION OF NITRODIPHENYLAMINES**  
**[54] PROCEDE DE PREPARATION DE NITRODIPHENYLAMINES**  
 [72] SICHENEDER, ADOLF, DE  
 [72] GANZER, DIRK, DE  
 [72] HAIDER, JOACHIM, DE  
 [72] KUNZ, KLAUS, DE  
 [72] SCHOLZ, ULRICH, DE  
 [71] BAYER AKTIENGESELLSCHAFT, DE  
 [22] 2003-12-30  
 [41] 2004-07-07  
 [30] DE (10300125.5) 2003-01-07

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[21] **2,454,884**  
 [13] A1

[51] Int.Cl. 7C03B 37/012 7C03B 37/02  
 7C03B 23/04 7C03B 23/045 7C03B 23/057  
 [25] EN  
**[54] METHOD OF FUSING AND STRETCHING A LARGE DIAMETER OPTICAL WAVEGUIDE**  
**[54] METHODE DE FUSION ET D'ETIREMENT D'UN GUIDE D'ONDES OPTIQUE DE GRAND DIAMETRE**  
 [72] KUCZMA, ANDY, US  
 [72] DOWD, EDWARD MICHAEL, US  
 [72] PIKE, BRIAN JOHN, US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-01-06  
 [41] 2004-07-06  
 [30] US (60/438,165) 2003-01-06

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[21] **2,454,885**  
 [13] A1

[51] Int.Cl. 7G06F 17/30  
 [25] EN  
**[54] IMAGE ASSOCIATION PROCESS**  
**[54] PROCEDE D'ASSOCIATION D'IMAGES**  
 [72] STEENSMA, CRAIG A., US  
 [71] EVENTSHOTS.COM INCORPORATED, US  
 [22] 2004-01-06  
 [41] 2004-07-09  
 [30] US (60/439,384) 2003-01-09  
 [30] US (10/657,974) 2003-09-08

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[21] **2,454,886**  
 [13] A1

[51] Int.Cl. 7H04Q 7/22 7H04Q 7/38  
 [25] EN  
**[54] SHORT TEXT MESSAGING-BASED INCOMING CALL TERMINATION CONTROL**  
**[54] COMMANDE DE TERMINAISON D'APPEL ENTRANT BASEE SUR LA MESSAGERIE POUR TEXTES COURTS**  
 [72] LANG, ALEXANDER C., CA  
 [71] LANG, ALEXANDER C., CA  
 [22] 2004-01-07  
 [41] 2004-07-07  
 [30] US (60/438,311) 2003-01-07

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[21] **2,454,887**  
 [13] A1

[51] Int.Cl. 7B60T 8/60 7B61C 15/08  
 7G05D 16/20 7B60T 8/32  
 [25] EN  
**[54] SMART RESOLUTION VALVE PRESSURE CONTROL**  
**[54] COMMANDE DE PRESSION D'ELECTRO-VALVE INTELLIGENTE SENSIBLE**  
 [72] WOOD, JAMES A., US  
 [72] SCHWEIKERT, DAVID E., US  
 [71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
 [22] 2004-01-07  
 [41] 2004-07-08  
 [30] US (10/338,513) 2003-01-08

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[21] **2,454,888**  
 [13] A1

[51] Int.Cl. 7A21B 3/13 7A47J 27/00  
 [25] EN  
**[54] BAKING UTENSILS WITH INDICIA**  
**[54] USTENSILES A CUISSON AVEC MARQUES REPERES**  
 [72] KONTOROVICH, BORIS, US  
 [72] WHITE, CARLY, US  
 [72] KENNEDY, TIM, US  
 [72] SHAW, BRADFORD W., US  
 [72] PATAMIKAKORN, CHARITA, US  
 [71] WKI HOLDING COMPANY, INC., US  
 [22] 2004-01-07  
 [41] 2004-07-09  
 [30] US (60/438,836) 2003-01-09

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[21] **2,454,893**  
 [13] A1

[51] Int.Cl. 7E02F 3/18 7E02F 5/08 7E02D 17/13  
 [25] EN  
**[54] DRUM FOR AN EXCAVATOR THAT CAN BE USED IN PARTICULAR FOR THE PRODUCTION OF VERTICAL TRENCHES IN HARD OR VERY HARD SOILS**  
**[54] TAMBOUR D'EXCAVATRICE POUVANT ETRE UTILISE PARTICULIEREMENT POUR LE CREUSAGE DE TRANCHEES DANS DES SOLS DURS OU TRES DURS**  
 [72] MATHIEU, FABRICE, FR  
 [72] DENIAU, ALAIN, FR  
 [71] COMPAGNIE DU SOL, FR  
 [22] 2004-01-07  
 [41] 2004-07-08  
 [30] FR (03 00126) 2003-01-08

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[21] **2,454,894**  
 [13] A1

[51] Int.Cl. 7A61B 5/145 7G01N 37/00  
 7G01N 21/21 7G01N 33/49 7G01N 21/64  
 [25] EN  
**[54] NON-INVASIVE BLOOD MONITOR**  
**[54] DISPOSITIF NON INVASIF D'ANALYSE SANGUINE**  
 [72] RIBARIC, ZELJKO, CA  
 [72] JAY, PAUL R., CA  
 [71] INTELLIGENT PHOTONICS CONTROL CORP., CA  
 [22] 2004-01-07  
 [41] 2004-07-07  
 [30] US (60/438,306) 2003-01-07

**Demandes canadiennes mises à la disponibilité du public**  
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[21] 2,454,900  
 [13] A1

[51] Int.Cl. 7B25F 5/02 7B25F 3/00 7B23B  
 45/02 7B27C 5/10  
 [25] EN  
 [54] ATTACHMENT FOR POWER  
 TOOL  
 [54] ACCESSOIRE POUR OUTIL  
 ELECTRIQUE  
 [72] ADLER, SCOTT, US  
 [72] KOPRAS, ROBERT K., US  
 [72] ALBRECHT, BRIAN, US  
 [72] UZUMCU, AL, US  
 [71] CREDO TECHNOLOGY  
 CORPORATION, US  
 [22] 2004-01-07  
 [41] 2004-07-08  
 [30] US (60/438,794) 2003-01-08  
 [30] US (60/449,178) 2003-02-21

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[21] 2,454,923  
 [13] A1

[51] Int.Cl. 7E04B 1/62 7E06B 1/62  
 [25] EN  
 [54] INSULATED BUILDING  
 STRUCTURES CONTAINING  
 COMPRESSIBLE CPI FOAM AND A  
 METHOD FOR THEIR FABRICATION  
 [54] STRUCTURES DE  
 CONSTRUCTION ISOLANTES  
 CONTENANT UNE MOUSSE  
 ISOLANTE DE POLYMERÉ  
 COMPRESSIBLE (CPI), ET MÉTHODE  
 DE FABRICATION  
 [72] LACEY, TIMOTHY C., US  
 [72] BIBEE, DOUGLAS V., US  
 [72] MALONE, BRUCE A., US  
 [71] DOW GLOBAL TECHNOLOGIES  
 INC., US  
 [22] 2004-01-08  
 [41] 2004-07-09  
 [30] US (60/439,323) 2003-01-09

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[21] 2,454,922  
 [13] A1

[51] Int.Cl. 7B23K 26/40 7B23K 26/04  
 7B23K 26/38  
 [25] EN  
 [54] PROCESS OF REMOVING A  
 CERAMIC COATING DEPOSIT IN A  
 SURFACE HOLE OF A COMPONENT  
 [54] PROCÉDÉ PERMETTANT  
 D'ENLEVER LE DÉPÔT DE  
 REVETEMENT CÉRAMIQUE DES  
 TROUS DE SURFACE D'UN  
 COMPOSANT  
 [72] BAILEY, MARK SAMUEL, US  
 [72] TOMLINSON, THOMAS JOHN, US  
 [72] ASH, CLARENCE ALBERT, US  
 [72] DAS, NRIPENDRA NATH, US  
 [71] GENERAL ELECTRIC COMPANY,  
 US  
 [22] 2004-01-08  
 [41] 2004-07-10  
 [30] US (10/248,343) 2003-01-10

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[21] 2,454,924  
 [13] A1

[51] Int.Cl. 7G08G 1/133  
 [25] EN  
 [54] DYNAMIC WINDOW VEHICLE  
 TRACKING METHOD  
 [54] MÉTHODE DE SUIVI DYNAMIQUE  
 DE VÉHICULE  
 [72] JONES, MIKE, CA  
 [71] JONES, MIKE, CA  
 [22] 2004-01-08  
 [41] 2004-07-08  
 [30] US (60/438,512) 2003-01-08

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[21] 2,454,929  
 [13] A1

[51] Int.Cl. 7B04B 11/00 7B04B 1/20  
 [25] EN  
 [54] METHOD OF RETROFITTING A  
 DECANTING CENTIFUGE  
 [54] MÉTHODE DE MONTAGE PAR  
 RATTRAPAGE DE CENTRIFUGEUSE  
 DE DECANTATION  
 [72] HENSLEY, GARY L., US  
 [72] HILPERT, LEE, US  
 [71] HUTCHISON-HAYES  
 INTERNATIONAL, INC., US  
 [22] 2004-01-08  
 [41] 2004-07-08  
 [30] US (60/438,650) 2003-01-08

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[21] 2,454,932  
 [13] A1

[51] Int.Cl. 7B60T 13/70  
 [25] EN  
 [54] RELAY VALVE BASED  
 ACCELERATED BRAKE PIPE  
 APPLICATION AND RELEASE  
 SYSTEM  
 [54] SYSTÈME DE SERRAGE ET DE  
 DESSERRAGE ACCELERÉS DE FREIN  
 A CONDUITE MUNIE D'UNE VALVE-  
 RELAIS  
 [72] CONDRASKY, JOHN P., US  
 [72] WOOD, JAMES A., US  
 [71] WESTINGHOUSE AIR BRAKE  
 TECHNOLOGIES CORPORATION, US  
 [22] 2004-01-08  
 [41] 2004-07-08  
 [30] US (10/338,297) 2003-01-08

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[21] 2,454,934  
 [13] A1

[51] Int.Cl. 7B26B 29/00 7A47J 17/00  
 [25] EN  
 [54] PIVOTAL GUARD COVER FOR  
 HAND-HELD KITCHEN PEELER  
 [54] COUVERCLE DE PROTECTION  
 PIVOTANT POUR EPLUCHEUSE  
 MANUELLE  
 [72] DRUMMOND, ALEC, US  
 [72] ZAMANSKY, NOAH, US  
 [72] PROMMEL, MARK, US  
 [71] WKI HOLDING COMPANY, INC., US  
 [22] 2004-01-06  
 [41] 2004-07-08  
 [30] US (10/338,413) 2003-01-08

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[21] 2,454,938  
 [13] A1

[51] Int.Cl. 7G05B 9/03 7F01K 13/02  
 7F02C 9/28  
 [25] EN  
 [54] SERVO-VALVE CONTROL  
 DEVICE AND SERVO-VALVE  
 CONTROL SYSTEM WITH  
 ABNORMALITY DETECTION  
 [54] DISPOSITIF DE COMMANDE DE  
 SERVOVALVE ET SYSTÈME DE  
 COMMANDE DE SERVOVALVE AVEC  
 DETECTION D'ANOMALIE  
 [72] YAKUSHI, KOJI, JP  
 [71] KABUSHIKI KAISHA TOSHIBA, JP  
 [22] 2004-01-07  
 [41] 2004-07-09  
 [30] JP (P2003-002687) 2003-01-09

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[21] **2,454,944**  
 [13] A1  
 [51] Int.Cl. 7A01K 13/00 7A45B 23/00  
**7A01K 29/00 7A45B 11/02**  
 [25] EN  
 [54] ANIMAL UMBRELLA  
 [54] PARAPLUIE POUR ANIMAL  
 [72] SEYMOUR, LOU, CA  
 [71] SEYMOUR, LOU, CA  
 [22] 2004-01-06  
 [41] 2004-07-06  
 [30] CA (2,414,679) 2003-01-06

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[21] **2,454,956**  
 [13] A1  
 [51] Int.Cl. 7A01K 31/04 7A01C 3/00  
**7A01K 45/00 7A01K 31/06**  
 [25] EN  
 [54] CAGE INSTALLATION FOR  
**POULTRY**  
 [54] VOLIERE  
 [72] KUEHLMANN, JOSEF, DE  
 [71] FARMER-AUTOMATIC JOSEF  
 KUHLMANN GMBH & CO. KG, DE  
 [22] 2004-01-07  
 [41] 2004-07-09  
 [30] DE (203 00 221.0) 2003-01-09

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[21] **2,454,952**  
 [13] A1  
 [51] Int.Cl. 7C01F 7/02 7C01F 7/38  
 [25] EN  
 [54] HIGH-ALUMINA RAW MATERIAL  
**AND PROCESS OF PRODUCING**  
 [54] MATIERE BRUTE A FORTE  
**TENEUR EN ALUMINE ET PROCEDE**  
**POUR SA PRODUCTION**  
 [72] FEIGE, REINHARD, DE  
 [72] STEYER, JUERGEN, DE  
 [72] MERKER, GERHARD, DE  
 [71] ALUMINIUM-SALZSCHLACKE  
 AUFBEREITUNGS GMBH, DE  
 [22] 2004-01-08  
 [41] 2004-07-08  
 [30] DE (103 00 170.00) 2003-01-08

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[21] **2,454,957**  
 [13] A1  
 [51] Int.Cl. 7B25B 27/10 7F16L 33/00  
 [25] EN  
 [54] PNEUMATICALLY ACTUATED  
**ASSEMBLY APPARATUS AND**  
**METHOD OF ASSEMBLY**  
 [54] APPAREIL D'ASSEMBLAGE ET  
**METHODE D'ASSEMBLAGE A**  
**MANOEUVRE PNEUMATIQUE**  
 [72] COOK, LARRY J., US  
 [71] COOK, LARRY J., US  
 [22] 2004-01-08  
 [41] 2004-07-08  
 [30] US (60/438,439) 2003-01-08  
 [30] US (10/707,731) 2004-01-07

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[21] **2,454,954**  
 [13] A1  
 [51] Int.Cl. 7B60T 8/18 7B60T 13/66  
 [25] EN  
 [54] DIGITAL MULTI-POINT  
**ELECTRONIC LOAD WEIGH SYSTEM**  
 [54] SYSTEME DE PESAGE  
**ELECTRONIQUE MULTIPONT**  
**NUMERIQUE**  
 [72] MAZUR, RICHARD J., US  
 [72] WOOD, JAMES A., US  
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 [13] A1  
 [51] Int.Cl. 7H04M 17/00 7H04M 15/00  
 [25] EN  
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**EMPLOYING "PAY-AS-YOU-GO"**  
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 [54] SYSTEMES ET METHODES POUR  
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 [72] WILLS, HAROLD S., US  
 [71] INPHONIC, INC., US  
 [22] 2004-01-07  
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 [51] Int.Cl. 7B32B 21/08 7B32B 31/04  
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 [25] EN  
 [54] SOUND SUPPRESSING FLOORING  
**AND METHOD OF MANUFACTURING**  
**SAME**  
 [54] PLANCHER INSONORISE ET  
**METHODE DE FABRICATION**  
 [72] GALLANT, MEL, CA  
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 [22] 2004-01-08  
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 [30] US (60/438,789) 2003-01-09

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 [13] A1  
 [51] Int.Cl. 7H04L 9/32 7H04L 9/28  
 [25] EN  
 [54] METHOD FOR AUTHENTICATING  
**A MESSAGE**  
 [54] METHODE  
**D'AUTHENTIFICATION D'UN**  
**MESSAGE**  
 [72] SHAFFER, RONALD L., II, US  
 [72] BRIGHT, MICHAEL W., US  
 [71] MOTOROLA, INC., US  
 [22] 2004-01-09  
 [41] 2004-07-10  
 [30] US (10/340,370) 2003-01-10

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 [13] A1  
 [51] Int.Cl. 7A47D 15/00 7A47D 13/02  
 [25] EN  
 [54] A DEVICE FOR REMOVABLY  
**FITTING CARRYCOT SEATS AND**  
**CARRYCOTS TO BABY CARRIAGES**  
 [54] DISPOSITIF DEMONTABLE DE  
**FIXATION DE SIEGES PORTE-BEBES**  
**ET DE PORTE-BEBES A DES LANDAUS**  
 [72] JANE SANTAMARIA, MANUEL, ES  
 [71] JANES, S.A., ES  
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[54] DETERMINATION DE L'USURE DE SEGMENTS DE FREINS ASSISTEE PAR LOGICIEL  
[72] DEWBERRY, JAMES T., US  
[72] SCHARPF, ROBERT N., US  
[72] SCHWEIKERT, DAVID E., US  
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
[22] 2004-01-09  
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[30] US (10/339,030) 2003-01-09

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[13] A1

[51] Int.Cl. 7H04B 1/034 7H02J 7/00  
[25] EN  
[54] CIRCUIT AND METHOD FOR PROVIDING AN AUTO-OFF CAPABILITY FOR A WIRELESS TRANSMITTER  
[54] CIRCUIT ET METHODE POUR OFFRIR UNE CAPACITE D'ARRET AUTOMATIQUE D'UN EMETTEUR SANS FIL  
[72] COHEN, ARTHUR L., US  
[72] GLISSMAN, JOHN, US  
[71] AERIELLE GROUP INTERNATIONAL INC., US  
[22] 2004-01-09  
[41] 2004-07-09  
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[21] **2,455,019**  
[13] A1

[51] Int.Cl. 7C03C 25/26 7C09D 175/04  
[25] EN  
[54] SECONDARY COATINGS AND FIBER GLASS STRANDS HAVING A SECONDARY COATING  
[54] REVETEMENTS SECONDAIRES ET TORONS EN FIBRE DE VERRE COMPORANT UN REVETEMENT SECONDAIRE  
[72] GREER, ROBERT W., IV, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[22] 2004-01-09  
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[30] US (60/439,129) 2003-01-10

[21] **2,455,020**  
[13] A1

[51] Int.Cl. 7B62D 37/00 7E02B 3/04  
7B60K 15/077 7B65D 90/52  
[25] EN  
[54] LIQUID STABILIZING DEFLECTOR BAFFLE  
[54] CHICANE A DEFLECTEURS POUR LA STABILISATION DES LIQUIDES  
[72] BAMBACIGNO, JOHN A., US  
[71] BAMBACIGNO, JOHN A., US  
[22] 2004-01-09  
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[13] A1

[51] Int.Cl. 7A47J 36/06 7A47J 27/00  
[25] EN  
[54] COOKING VESSELS AND LID THEREFOR  
[54] RECIPIENT DE CUISSON ET COUVERCLE CONNEXE  
[72] RESTIS, THOMAS, US  
[72] KERULIS, PATRICK, US  
[72] LIN, YVONNE, US  
[72] ERHARDT, PAUL, US  
[72] VORRDENBURG, STEVEN, US  
[72] BURTON, MAXIMILLIAN PHILIP, US  
[71] WKI HOLDING COMPANY, INC., US  
[22] 2004-01-09  
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[30] US (60/438,835) 2003-01-09

[21] **2,455,025**  
[13] A1

[51] Int.Cl. 7A47F 5/02 7A47F 5/00  
[25] EN  
[54] DISPLAY SYSTEMS AND METHODS  
[54] SYSTEMES ET METHODES DE PRESENTATION  
[72] FELDMAN, JASON LEE, US  
[72] DANTZLER, ERNEST RAYMOND III, US  
[72] POOLE, AUGUSTUS DAVIS JR., US  
[72] HARKNESS, CHRISTOPHER LEE, US  
[71] HOME DEPOT U.S.A., INC., US  
[22] 2004-01-08  
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[30] US (60/438,729) 2003-01-08  
[30] US (60/498,164) 2003-08-27

[21] **2,455,063**  
[13] A1

[51] Int.Cl. 7G01M 3/20 7H01M 8/24  
[25] EN  
[54] METHOD AND APPARATUS FOR LOCATING INTERNAL TRANSFER LEAKS WITHIN FUEL CELL STACKS  
[54] METHODE ET DISPOSITIF DE LOCALISATION DE FUITES DE TRANSFERT INTERIEUR DANS DES RANGEES DE PILES A COMBUSTIBLE  
[72] INGLEHART, KARL D., CA  
[72] WANG, ZHAOYU, CA  
[72] LUTZ, STEPHAN, DE  
[71] BALLARD POWER SYSTEMS INC., CA  
[22] 2004-01-09  
[41] 2004-07-09  
[30] US (60/438,915) 2003-01-09

[21] **2,455,066**  
[13] A1

[51] Int.Cl. 7G01B 11/275  
[25] EN  
[54] METHOD OF AND APPARATUS FOR THE INSPECTION OF VEHICLE WHEEL ALIGNMENT  
[54] METHODE ET DISPOSITIF D'INSPECTION DU REGLAGE DU PARALLELISME DES ROUES DE VEHICULE  
[72] STOPA, GARRY, CA  
[71] STOPA, GARRY, CA  
[22] 2004-01-08  
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[30] US (60/438,797) 2003-01-09

[21] **2,455,094**  
[13] A1

[51] Int.Cl. 7A01K 39/014 7A01K 31/00  
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[25] EN  
[54] BIRD FEEDER  
[54] MANGEOIRE A OISEAUX  
[72] FORT, W. GRADY II, US  
[71] DAISY MANUFACTURING CO., US  
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[25] EN  
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**[54] METHODE ET SYSTEME A FIBRE OPTIQUE PERMETTANT DE DETERMINER ET DE COMMANDER LA POSITION D'UNE VANNE A MANCHON COULISSANT**  
[72] OGLE, PETER, US  
[72] HAY, ARTHUR D., US  
[72] ROBINSON, ROBERT, US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-01-09  
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[30] US (10/339,263) 2003-01-09

[21] **2,455,868**  
[13] A1

[51] Int.Cl. 7B65D 35/24 7B65D 37/00  
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**[54] FILL-A1 CONTAINER WITH POURING SPOUT**  
[72] LAVOIE, DENIS, CA  
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[21] **2,455,104**  
[13] A1

[51] Int.Cl. 7A01K 39/014 7A01K 31/00  
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[25] EN  
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[72] FORT, W. GRADY II, US  
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[21] **2,455,121**  
[13] A1

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[25] EN  
**[54] MOTORCYCLE TOWING APPARATUS**  
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[72] WATSON, TERRY, CA  
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POLYURETHANE ELASTOMERS  
HAVING IMPROVED ABRASION  
RESISTANCE  
[54] ELASTOMERES DE  
POLYURETHANE A HAUT  
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PRESENTANT UNE ABRASION  
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[72] PALINKAS, RICHARD L., US  
[72] PETER, THOMAS H., US  
[71] UNIROYAL CHEMICAL COMPANY,  
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7H01B 3/44  
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[54] FIL ELECTRIQUE ISOLE  
[72] KANAMORI, YASUO, JP  
[72] KIKUCHI, NORIO, JP  
[71] YAZAKI CORPORATION, JP  
[85] 2003-10-10  
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[30] JP (2001-111686) 2001-04-10

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[13] A1

[51] Int.Cl. 7D21H 11/20 7D21H 17/37  
[25] EN  
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METHOD OF MAKING SAME  
[54] PATE RETICULEE ET SON  
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[72] SEARS, KARL D., US  
[72] SOLOMON, TINA R., US  
[72] HAEUSSLER, MICHAEL E., US  
[71] RAYONIER INC., US  
[85] 2003-10-10  
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[25] EN  
[54] VISUAL FUNCTION DISORDER  
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[54] AGENTS AMELIORANT LA  
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[72] YOSHIDA, YUKUO, JP  
[72] TAKAYAMA, YOSHIKO, JP  
[72] UEHATA, MASAYOSHI, JP  
[71] SENJU PHARMACEUTICAL CO.,  
LTD., JP  
[71] MITSUBISHI PHARMA  
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[30] JP (2001-113329) 2001-04-11  
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[13] A1

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[25] EN  
[54] PPAR-ALPHA-GAMMA LIGANDS  
OR AGONISTS FOR THE TREATMENT  
OF INFLAMMATION  
[54] AGONISTES OU LIGANDS PPAR-  
ALPHA-GAMMA DESTINES AU  
TRAITEMENT D'INFLAMMATIONS  
[72] CAI, TIAN-QUAN, US  
[72] WRIGHT, SAMUEL D., US  
[71] MERCK & CO., INC., US  
[85] 2003-10-14  
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[30] US (60/284,747) 2001-04-18

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[21] **2,443,936**  
[13] A1

[51] Int.Cl. 7A61K 45/00 7A61K 31/00  
7A61K 38/00 7A61P 9/10  
[25] EN  
[54] USE OF PPAR-ALPHA-GAMMA  
LIGANDS OR AGONISTS TO PREVENT  
THE RUPTURE OF  
ATHEROSCLEROTIC PLAQUES  
[54] UTILISATION DE LIGANDS PPAR-  
ALPHA-GAMMA OU LEURS  
AGONISTES AFIN D'EVITER LA  
RUPTURE DE PLAQUES  
ATHEROSCLEREUSES  
[72] WRIGHT, SAMUEL D., US  
[72] CAI, TIAN-QUAN, US  
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[87] 2002-10-31 (WO2002/085124)  
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[25] EN  
[54] DIAGNOSIS BY SENSING VOLATILE COMPONENTS  
[54] DIAGNOSTIC PAR DETECTION DE COMPOSANTS VOLATILS  
[72] BESSANT, CONRAD, GB  
[72] LEIFERKUS, JAN, GB  
[72] LIEDTKE, CHRISTIAN, DE  
[72] SAINI, SELWAYAN, GB  
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[13] A1

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7H04L 12/413 7H04L 12/56  
[25] EN  
[54] VIRTUAL NETWORKING SYSTEM AND METHOD IN A PROCESSING SYSTEM  
[54] SYSTEME ET PROCEDE DE RESEAUTAGE VIRTUEL DANS UN SYSTEME DE TRAITEMENT  
[72] MANCA, PETER, US  
[72] SPRACHMAN, BEN, US  
[72] BROWNELL, VERN, US  
[72] DUFFY, EDWARD, US  
[72] BUSBY, DAN, US  
[72] GREENSPAN, ALAN, US  
[72] SCHULTER, PETER, US  
[72] GENG, SCOTT, US  
[72] CURTIS, PAUL, US  
[72] MILNE, EWAN, US  
[72] SMITH, MAX, US  
[71] EGENEREA, INC., US  
[85] 2003-10-15  
[86] 2002-04-16 (PCT/US2002/011827)  
[87] 2002-10-31 (WO2002/086712)  
[30] US (60/285,296) 2001-04-20  
[30] US (10/037,191) 2002-01-04  
[30] US (10/038,353) 2002-01-04  
[30] US (10/038,354) 2002-01-04  
[30] US (10/038,355) 2002-01-04

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[13] A1

[51] Int.Cl. 7H01J 49/00 7B01D 59/44  
[25] EN  
[54] METHOD AND SYSTEM FOR MASS SPECTROSCOPY  
[54] PROCEDE ET SYSTEME DE SPECTROSCOPIE DE MASSE  
[72] COHEN, HERBERT, US  
[72] KRUTCHINSKY, ANDREW, US  
[72] SHERMAN, VADIM, US  
[72] CHAIT, BRIAN, US  
[72] KALKUM, MARKUS, US  
[71] THE ROCKEFELLER UNIVERSITY, US  
[85] 2003-10-15  
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[30] US (09/835,943) 2001-04-16

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[13] A1

[51] Int.Cl. 7C02F 1/32 7A61L 2/10  
[25] EN  
[54] FILTER DEVICE WITH A UVC LAMP AND A CLEANING ARRANGEMENT FOR SAID UVC LAMP  
[54] DISPOSITIF FILTRANT COMPRENANT UNE LAMPE A RAYONS ULTRAVIOLETS C ET UN DISPOSITIF DE NETTOYAGE POUR LADITE LAMPE A RAYONS ULTRAVIOLETS C  
[72] HOFFMEIER, DIETER, DE  
[71] OASE WUBKER GMBH & CO. KG., DE  
[85] 2004-03-24  
[86] 2002-09-24 (PCT/DE2002/003591)  
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[30] DE (101 47 019.3) 2001-09-25

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[13] A1

[51] Int.Cl. 7C07D 401/12  
[25] EN  
[54] PROCESS FOR PREPARING ARIPIPRAZOLE  
[54] PROCEDE DE PREPARATION D'ARIPIPRAZOLE  
[72] TSUJIMORI, HISAYUKI, JP  
[72] YAMAGUCHI, TATSUYA, JP  
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP  
[85] 2004-03-19  
[86] 2003-12-18 (PCT/JP2003/016256)  
[87] 2004-07-09 (WO/)  
[30] JP (2003-002996) 2003-01-09

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[51] Int.Cl. 7C02F 1/02  
[25] EN  
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[54] PROCEDE ET APPAREIL DE STERILISATION DE DECHETS BIOLOGIQUES  
[72] HAELLI, RIKU, FI  
[72] NURMINEN, TEppo, FI  
[72] SALMISUO, MAURI, FI  
[72] MATTILA, JUHA, FI  
[71] STERIS EUROPE INC. SUOMEN SIVULIIKE, FI  
[85] 2004-04-01  
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[30] FI (20011952) 2001-10-08

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[54] LECTINES DE TYPE C MAMMIFERES  
[72] BUTZ, ERIC A., US  
[72] ANDERSON, DIRK M., US  
[71] IMMUNEX CORPORATION, US  
[85] 2004-03-23  
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[51] Int.Cl. 7G01N 33/58  
[25] EN  
[54] SYSTEM FOR THE DETECTION OF UREASE AND METHOD FOR USING SAME  
[54] SYSTEME DE DETECTION D'UREASE ET PROCEDE D'UTILISATION CORRESPONDANT  
[72] PETERSON, KRISTY, US  
[72] MCMICHAEL, DONALD J., US  
[72] CHAIRMAN, SIMON, AU  
[72] MENDIS, ARUNI H. W., AU  
[72] MARSHALL, BARRY J., AU  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
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[30] US (09/977,555) 2001-10-15  
[30] US (09/977,556) 2001-10-15  
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[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEMS AND METHODS FOR OFFERING AND SERVICING HEDGE FUNDS  
[54] SYSTEMES ET PROCEDES PERMETTANT D'OFRIR ET DE TRAITER DES FONDS DE PLACEMENTS  
[72] PUNGELLO, MICHAEL LOUIS, US  
[72] ROSENBERG, RONALD SCOTT, US  
[72] ALDERMAN, ROBERT MICHAEL, US  
[72] SHAPIRO, IRA PAUL, US  
[72] BAUMGARTEN, STEVEN NEIL, US  
[72] SETTE, GRACE THERESA, US  
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[72] LARSEN, LANCE DANIEL, US  
[72] WIDGER, ASHLEIGH RYAN, US  
[72] MILLER, STEPHEN MICHAEL MULFORD, US  
[72] CHANDOR, JEFFREY FRAZER, US  
[72] BRENNAN, PAUL JOSEPH, US  
[72] CLINTON, WINSTON LLEWELLYN SR., US  
[72] HUGHES, COURTNEY LAUREN, US  
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[54] PROCEDE DE COLLAGE DE MATERIAUX A BASE DE BOIS  
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[72] NASLI-BAKIR, BENYAHIA, SE  
[72] LINDH, INGVAR, SE  
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[71] WESTBLOCK SYSTEMS, INC., US  
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[25] EN  
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[54] SYSTEME POUR GESTION D'ENERGIE DURANT UN MODE DTX SIMULTANE D'OPERATIONS DANS UNE LIAISON DESCENDANTE  
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[72] DIFAZIO, ROBERT A., US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
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[25] EN  
[54] ANTIBODIES THAT BIND TO CANCER-ASSOCIATED ANTIGEN CD46 AND METHODS OF USE THEREOF  
[54] ANTICORPS SE LIANT A UN ANTIGENE CD46 ASSOCIE AU CANCER ET METHODES D'UTILISATION ASSOCIEES  
[72] MATHER, JENNIE POWELL, US  
[71] RAVEN BIOTECHNOLOGIES, INC., US  
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[25] FR  
[54] PERCUREUR DE REVETEMENT ET PROCEDE POUR REVETIR UN SUBSTRAT D'UNE COUCHE REFRACTAIRE  
[54] COATING PRECURSOR AND METHOD FOR COATING A SUBSTRATE WITH A REFRactory LAYER  
[72] REY-FLANDRIN, ROBERT, FR  
[72] SPADONE, THOMAS, FR  
[72] BARTHELEMY, CHRISTIAN, FR  
[72] LAMAZE, AIRY-PIERRE, FR  
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[54] SYSTEME MICROFLUIDIQUE POUR ANALYSE PROTEOMIQUE  
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[71] WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION, US  
[85] 2004-04-14  
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[25] EN  
[54] METHOD FOR MONITORING A PUBLIC WATER TREATMENT SYSTEM  
[54] PROCEDE DE SURVEILLANCE D'UN SYSTEME DE TRAITEMENT DE L'EAU PUBLIQUE  
[72] WOLFE, THOMAS D., US  
[72] ELLIOTT, JAMES DOUGLAS III, US  
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[85] 2004-04-20  
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[54] PROCEDES ET SYSTEMES DE PROFILAGE DYNAMIQUE DE L'EXPRESSION DE GENES  
[72] SLEPNEV, VLADMIR I., US  
[71] SENTION, INC., US  
[85] 2004-04-23  
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[30] US (60/346,140) 2001-10-24  
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7C12P 19/34 7A61K 39/395 7C07K 14/54  
7A61K 31/7088  
[25] EN  
[54] IL-13 MUTEIN PROTEINS, ANTIBODIES, COMPOSITIONS, METHODS AND USES  
[54] PROTEINES MUTEINES IL-13, ANTICORPS, COMPOSITIONS, PROCEDES ET UTILISATIONS  
[72] HEAVNER, GEORGE, US  
[72] LI, LI, US  
[71] CENTOCOR, INC., US  
[85] 2004-04-23  
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[30] US (60/343,717) 2001-10-26

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[25] EN  
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[54] IBC-1 (CANCER DU SEIN INVASIF-1), ONCOGENE PRESUME AMPLIFIE DANS LE CANCER DU SEIN  
[72] PORTER, DALE, US  
[72] POLYAK, KORNELIA, US  
[72] SETH, PANKAJ, US  
[71] DANA-FARBER CANCER INSTITUTE, INC., US  
[85] 2004-04-23  
[86] 2002-10-28 (PCT/US2002/034499)  
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[25] EN  
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[54] COMPOSITIONS POUR LE TRAITEMENT DE LA DYSFONCTION SEXUELLE POSTMENOPAUSIQUE  
[72] BILKEY, CHRIS R., AU  
[72] VERSI, EBRAHIM, US  
[72] SLATTER, GREG J., US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-05-05  
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[25] EN  
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[54] GENES ARTIFICIELS UTILISES COMME TEMOINS DANS DES SYSTEMES D'ANALYSE DE L'EXPRESSION GENIQUE  
[72] YANG, WEN, US  
[72] HARKINS, TIMOTHY, US  
[72] BUI, SON, US  
[72] HOUTS, THOMAS, US  
[72] SAMARTZIDOU, HRISSI, US  
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[25] EN  
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[54] FACTEURS DE REGULATION HEMATOPOIETIQUE ET PROCÉDÉS D'UTILISATION  
[72] GOLD, STEVEN, US  
[72] SHIMKETS, RICHARD A., US  
[72] LASKY, LAWRENCE, US  
[72] TAILLON, BRUCE, US  
[72] LEWIN, DAVID, US  
[71] CURAGEN CORPORATION, US  
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[25] EN  
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[54] DISPOSITIF MICROFLUIDIQUE ET PROCÉDÉS D'UTILISATION CONNEXES  
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[72] BOTTOMLEY, LAWRENCE A., US  
[72] SEMINARA, SALVATORE, US  
[72] HU, ZHIYU, US  
[72] GHOSH, MADHUSHREE, US  
[72] WIGGINS, THOMAS, US  
[72] KOSSEK, SEBASTIAN, US  
[72] SEELEY, TIMOTHY, US  
[71] PROTIVERIS, INC., US  
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[30] US (10/036,733) 2001-11-09  
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7A61K 31/7088 7C12N 15/861  
[25] EN  
[54] METHODS AND COMPOSITIONS FOR TREATING PARKINSON'S DISEASE  
[54] MÉTHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON  
[72] FAWELL, STEPHEN, US  
[72] CONNEELY, ORLA, US  
[71] BIOGEN, INC., US  
[71] BAYLOR COLLEGE OF MEDICINE, US  
[85] 2004-04-27  
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[13] A1

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[54] PRATIQUES AMELIORÉES DE RECOUVREMENT DES CRÉANCES  
[72] FOURER, ROBERT, US  
[72] ELLIOTT, MICHAEL B., US  
[72] NOCEDAL, JORGE, US  
[72] O'NEILL, PATRICK G., US  
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7A61P 35/00  
[25] EN  
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[54] POLYTHERAPIE POUR LE TRAITEMENT DE MALADIE  
[72] SCHULTES, BIRGIT C., US  
[72] NICODEMUS, CHRISTOPHER F., US  
[72] NOUJAIME, ANTOINE, CA  
[71] ALTAREX MEDICAL CORP., CA  
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7A61K 31/519 7A61K 31/704  
[25] EN  
[54] AN ANTIBODY SELECTIVE FOR A TUMOR NECROSIS FACTOR-RELATED APOPTOSIS-INDUCING LIGAND RECEPTOR AND USES THEREOF  
[54] ANTICORPS SELECTIF POUR UN RECEPTEUR DE LIGAND INDUISANT L'APOPTOSE CELLULAIRE EN LIAISON AVEC LE FACTEUR DE NECROSE TUMORALE ET UTILISATIONS DE CELUI-CI  
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[72] KIMBERLY, ROBERT P., US  
[72] LOBUGLIO, ALBERT F., US  
[72] KOOPMAN, WILLIAM J., US  
[72] ZHOU, TONG, US  
[71] UAB RESEARCH FOUNDATION, US  
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7G01N 33/64  
[25] EN  
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[54] SYSTÈME À BASE D'ENZYMES ET CAPTEUR SERVANT À DETECTER L'ACETONE  
[72] STRICKLAND, ALAN D., US  
[72] SUBRAMANIAN, VENKITESWARAN, US  
[72] ROSNER, BETTINA M., US  
[72] SUN, LARRY, CA  
[72] CRANLEY, PAUL E., US  
[72] MILLER, THEODORE E., JR., US  
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[25] EN  
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**[54] SYSTEME DE PRESENTATION DIRIGEE VERS DES ADAPTATEURS**  
[72] WANG, XINWEI, US  
[72] ZHONG, PINGYU, US  
[72] WANG, CAILI, US  
[71] ABMAXIS, INC., US  
[85] 2004-04-27  
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7A61P 25/00 7A61P 29/00 7C12Q 1/02  
7G01N 33/566  
[25] EN  
**[54] PATHWAY OF RANTES-MEDIATED CHEMOKINE SYNTHESIS IN ASTROCYTES AND METHODS OF USE THEREFOR**  
**[54] VOIES DE SYNTHESE DE CHIMIOKINES A MEDIATION PAR RANTES DANS LES ASTROCYTES ET PROCEDES DE LEUR UTILISATION**  
[72] DORF, MARTIN E., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2004-04-28  
[86] 2002-10-30 (PCT/US2002/034873)  
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7C07K 14/47 7G01N 33/53 7C12Q 1/68  
[25] EN  
**[54] THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE**  
**[54] POLYPEPTIDES THERAPETIQUES, ACIDES NUCLEIQUES LES CODANT ET PROCEDES D'UTILISATION CORRESPONDANT**  
[72] CHAPOVAL, ANDREI, US  
[72] CHAUDHURI, AMITABHA, US  
[72] CHANT, JOHN S., US  
[72] PENA, CAROL E.A., US  
[72] EDINGER, SHLOMIT R., US  
[72] EISEN, ANDREW, US  
[72] STONE, DAVID J., US  
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[72] TWOMLOW, NANCY, US  
[72] VOSS, EDWARD Z., US  
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[72] ALSO BROOK, JOHN P., II, US  
[72] LI, LI, US  
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[72] GANGOLLI, ESHA A., US  
[72] ANDERSON, DAVID W., US  
[72] SPYTEK, KIMBERLY A., US  
[72] ZHONG, MEI, US  
[72] ZERHUSEN, BRYAN D., US  
[72] RASTELLI, LUCA, US  
[72] MILLET, ISABELLE, US  
[72] GUO, XIAOJIA, US  
[72] JI, WEIZHEN, US  
[72] ORT, TATIANA, US  
[72] OOI, CHEAN ENG, US  
[72] KHRAMTSOV, NIKOLAI V., US  
[72] LEITE, MARIO W., US  
[72] QUINN SENGER, KERRY E., US  
[72] PADIGARU, MURALIDHARA, US  
[72] RIEGER, DANIEL K., US  
[72] SMITHSON, GLENNDAA, US  
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[71] CURAGEN CORPORATION, US  
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[30] US (60/333,912) 2001-11-28  
[30] US (09/996,015) 2001-11-28  
[30] US (60/334,300) 2001-11-29  
[30] US (60/338,196) 2001-12-03  
[30] US (60/373,806) 2002-04-19  
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[30] US (60/401,593) 2002-08-07  
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7G01N 33/573  
[25] EN  
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**[54] PROTEASE DEGP: IDENTIFICATION DE SITES DE CLIVAGE ET PROTEOLYSE D'UNE CIBLE NATURELLE DANS E. COLI**  
[72] HRUBY, DENNIS E., US  
[72] EVANS, AMY K., US  
[72] JONES, C. HAL, US  
[72] DEXTER, PAUL L., US  
[71] SIGA TECHNOLOGIES, INC., US  
[85] 2004-04-29  
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[30] US (60/330,855) 2001-11-01

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7C07K 14/47 7G01N 33/566 7C30B 29/58  
7A61K 31/7088  
[25] EN  
**[54] THREE-DIMENSIONAL STRUCTURES OF TALL-1 AND ITS COGNATE RECEPTORS AND MODIFIED PROTEINS AND METHODS RELATED THERETO**  
**[54] STRUCTURES TRIDIMENSIONNELLES DE TALL-1 ET DE SES RECEPTEURS PARENTS, PROTEINES MODIFIEES ET PROCEDES ASSOCIES**  
[72] ZHANG, GONGYI, US  
[72] XU, LIANGGUO, US  
[72] LIU, YINGFANG, US  
[72] SHU, HONG-BING, US  
[71] NATIONAL JEWISH MEDICAL AND RESEARCH CENTER, US  
[85] 2004-04-26  
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[87] 2003-05-01 (WO2003/035846)  
[30] US (60/345,106) 2001-10-24  
[30] US (60/348,962) 2002-01-14  
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[54] SOURCE PRECURSEUR DE FORMATION DE FILAMENTS  
[72] VOLLRATH, FRITZ, GB  
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[85] 2004-04-28  
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[30] GB (0126118.9) 2001-10-31

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7C12N 15/52 7C12Q 1/68  
[25] EN  
[54] NOVEL SULFURLASE-LUCIFERASE FUSION PROTEINS AND THERMOSTABLE SULFURLASE  
[54] NOUVELLES PROTEINES DE FUSION SULFURLASE-LUCIFERASE ET SULFURLASE THERMOSA  
[72] SRINIVASAN, MAITHREYAN, US  
[72] REIFLER, MICHAEL, US  
[71] 454 CORPORATION, US  
[85] 2004-04-29  
[86] 2002-10-30 (PCT/US2002/034612)  
[87] 2003-07-03 (WO2003/054142)  
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[25] EN  
[54] COMPOSITIONS AND METHODS FOR WT1 SPECIFIC IMMUNOTHERAPY  
[54] COMPOSITIONS ET PROCEDES D'IMMUNOTHERAPIE SPECIFIQUE A WT1  
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[72] GAIGER, ALEXANDER, US  
[72] CARTER, DARRICK, US  
[72] JAYA, NOMALIE, US  
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[51] Int.Cl. 7C12Q 1/68 7C12N 15/10  
[25] EN  
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[54] PROCEDE DE PRODUCTION ET D'IDENTIFICATION DE DOMAINES PROTEIQUES SOLUBLES  
[72] DRISCOLL, PAUL, GB  
[72] PRODROMOU, CHRISOSTOMOS, GB  
[72] PEARL, LAURENCE, GB  
[72] SAVVA, RENOS, GB  
[72] MCALISTER, MARK, GB  
[71] UNIVERSITY COLLEGE LONDON, GB  
[71] THE INSTITUTE OF CANCER RESEARCH, GB  
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[25] EN  
[54] COMBINATIONS OF ANTIBODIES SELECTIVE FOR A TUMOR NECROSIS FACTOR-RELATED APOPTOSIS-INDUCING LIGAND RECEPTOR AND OTHER THERAPEUTIC AGENTS  
[54] COMBINAISONS D'ANTICORPS SELECTIFS POUR RECEPTEUR DE LIGAND INDUISANT L'APOPTOSE LIEE AU FACTEUR DE NECROSE TUMORALE ET AUTRES AGENTS THERAPEUTIQUES  
[72] LOBUGLIO, ALBERT F., US  
[72] BUCHSBAUM, DONALD J., US  
[72] ICHIKAWA, KIMIHISA, JP  
[72] OSHUMI, JUN, JP  
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[54] COMPOSITION DE RESINE  
[72] HOSHINO, MASATO, JP  
[72] MARCHEGINI, ALESSANDRO, FR  
[72] SALVIN, ROGER PIERRE-ELIE, CH  
[71] VANTICO AG, CH  
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[25] EN  
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[72] OLDANI, DARIO, IT  
[72] MANGHI, MANUELA, IT  
[71] UHDENORA TECHNOLOGIES S.R.L., IT  
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[72] WILLEY, JOHN JEFFREY, US  
[71] HYBRIZyme CORPORATION, US  
[85] 2004-04-29  
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[13] A1

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[25] EN  
[54] SINGLE PIECE FOAM TOPPERS WITH PERIMETER AREAS HAVING VARIABLE SUPPORT AND FIRMNESS PROPERTIES  
[54] GARNITURES EN MOUSSE MONOBLOC COMPORTANT DES ZONES PERIPHERIQUES AYANT DES PROPRIETES DE SUPPORT ET DE FERMETE VARIABLES  
[72] BARMAN, BRUCE G., US  
[71] SEALY TECHNOLOGY LLC, US  
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[54] FORMES CRISTALLINES AMORPHES DE LOSARTAN POTASSIQUE ET LEUR PROCEDE DE PREPARATION  
[72] NISNEVICH, GENNADY, IL  
[72] KAFTANOV, JULIA, IL  
[72] RUKHMAN, IGOR, IL  
[72] DOLITZKY, BEN ZION, IL  
[72] WEIZEL, SHLOMIT, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
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[54] ILLUMINATEUR A L'ETAT SOLIDE POUR JAUGES A DEUX COULEURS POUR LE NIVEAU DE L'EAU  
[72] KALIX, DAVID, CA  
[72] SPENCER, JOHN, CA  
[71] FOSSIL STEAM TECHNOLOGIES INC., CA  
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[54] CONVECTION AMELIOREE DE NOYAUX ABSORBANTS ASSURANT UNE TRANSMISSION THERMIQUE ACCRUE  
[72] MOLEE, KENNETH JOHN, US  
[72] LITVAY, JOHN D., US  
[72] JOHNSTON, LEE W., US  
[71] PARAGON TRADE BRANDS, INC., US  
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[54] ARTICLE REVETU AVEC SYSTEME A UNE OU PLUSIEURS COUCHES ANTI-REFLECHISSANTES  
[72] STACHOWIAK, GRZEGORZ, US  
[71] GUARDIAN INDUSTRIES CORP., US  
[85] 2004-05-07  
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[51] Int.Cl. 7A61J 1/00 7A61F 17/00  
[25] EN  
[54] METHOD AND DEVICE FOR FACILITATING COMBINED AEROSOL AND ORAL TREATMENTS FOR DIABETES MELLITUS  
[54] PROCEDE ET DISPOSITIF POUR FACILITER LA COMBINAISON D'AEROSOL ET DE TRAITEMENTS ORAUX POUR LE DIABETE SUCRE  
[72] WEINSTEIN, ROBERT, E., US  
[72] WEINSTEIN, ALLAN M., US  
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[25] FR  
[54] DERIVES DE 2-AMINO-4-HETEROARYLETHYL THIAZOLINE ET LEUR UTILISATION COMME INHIBITEURS DE NO-SYNTHASE INDUCIBLE  
[54] 2-AMINO-4-HETEROARYLETHYL THIAZOLINE DERIVATIVES AND THEIR USE AS INHIBITORS OF INDUCIBLE NO-SYNTHASE  
[72] CARRY, JEAN-CHRISTOPHE, FR  
[72] BACQUE, ERIC, FR  
[72] MIGNANI, SERGE, FR  
[72] BIGOT, ANTONY, FR  
[71] AVENTIS PHARMA S.A., FR  
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[25] FR  
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[54] METHOD AND DEVICE FOR PRODUCING A PROFILED RIM ON A COMPONENT, AND GLAZING PROVIDED WITH A PROFILED RIM  
[72] CORNILS GERD, DE  
[72] BISCHOF, THOMAS, DE  
[72] ORTEN, THOMAS, DE  
[71] SAINT-GOBAIN GLASS FRANCE, FR  
[85] 2004-05-04  
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[30] DE (101 54 553.3) 2001-11-07

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[25] FR  
[54] DERIVES DE 2-AMINO-  
THIAZOLINE ET LEUR UTILISATION  
COMME INHIBITEURS DE NO-  
SYNTHASE INDUCTIBLE  
[54] 2-AMINO-THIAZOLINE  
DERIVATIVES AND THEIR USE AS  
INHIBITORS OF INDUCIBLE NO-  
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[72] BIGOT, ANTHONY, FR  
[72] CARRY, JEAN-CHRISTOPHE, FR  
[72] MIGNANI, SERGE, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2004-05-04  
[86] 2002-11-07 (PCT/FR2002/003810)  
[87] 2003-05-15 (WO2003/040115)  
[30] FR (01/14510) 2001-11-09  
[30] US (60/352,797) 2002-01-30

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[13] A1

[51] Int.Cl. 7A61K 31/425 7C07D 275/02  
7C07D 417/12 7A61K 31/445  
[25] EN  
[54] DERIVATIVES OF PHENOXY-N'-4-  
(ISOTHIAZOLIDIN-1,1-DIOXID-  
2YL)PHENYL-VALERIAN- ACID  
AMIDE AND OTHER COMPOUNDS AS  
INHIBITORS OF THE COAGULATION  
FACTOR XA IN THE TREATMENT OF  
THROMBOEMBOLIC DISEASES AND  
TUMORS  
[54] DERIVES D'AMIDE D'ACIDE  
PHENOXY-N'-4-(ISOTHIAZOLIDINE-  
1,1-DIOXYDE-2-YL)-PHENYL-  
VALERIANIQUE ET AUTRE  
COMPOSES SERVANT  
D'INHIBITEURS DU FACTEUR DE  
COAGULATION XA POUR LE  
TRAITEMENT DE TROUBLES  
THROMBOEMBOLIQUES ET DE  
TUMEURS

[72] DORSCH, DIETER, DE  
[72] MEDERSKI, WERNER, DE  
[72] CEZANNE, BERTRAM, DE  
[72] TSAKLAKIDIS, CHRISTOS, DE  
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OF TUMOUR DISEASES  
[54] UTILISATION D'ANTAGONISTES  
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DANS LE TRAITEMENT DE MALADIES  
TUMORALES

[72] MEDERSKI, WERNER, DE  
[72] DORSCH, DIETER, DE  
[72] AMENDT, CHRISTIANE, DE  
[72] OSSWALD, MATHIAS, DE  
[72] GRELL, MATTHIAS, DE  
[71] MERCK PATENT GMBH, DE  
[85] 2004-05-07  
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[87] 2003-05-15 (WO2003/039539)  
[30] DE (101 55 076.6) 2001-11-09

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[13] A1

[51] Int.Cl. 7A61K 9/26 7A61K 9/50  
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[54] COMPRIME ORODISPERSIBLE  
PRESENTANT UNE GRANDE  
HOMOGENEITE ET SON PROCEDE DE  
PREPARATION  
[54] ORODISPERSIBLE TABLET  
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THE PREPARATION METHOD  
THEREOF  
[72] GENDROT, EDOUARD, FR  
[72] SUPLIE, PASCAL, FR  
[72] NOURI, NOURREDINE, FR  
[71] ETHYPHARM, FR  
[85] 2004-05-05  
[86] 2002-10-28 (PCT/FR2002/003690)  
[87] 2003-05-15 (WO2003/039520)  
[30] FR (01/14269) 2001-11-05

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[13] A1

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[25] EN  
[54] METHOD AND APPARATUS FOR  
HOMOGENISATION OF MELT  
[54] PROCEDE  
D'HOMOGENEISATION DE MATIERE  
FONDUE ET APPAREIL PERMETTANT  
DE METTRE EN OEUVRE LEDIT  
PROCEDE  
[72] SMRCEK, JOSEF, CZ  
[72] HAJEK, MILAN, CZ  
[72] VILK, PETER, GB  
[71] BH-F (ENGINEERING) LTD., GB  
[85] 2004-05-07  
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[30] CZ (PV 2001-4128) 2001-11-16

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[25] EN  
[54] METHOD FOR INDUCTION SEALING A PLASTIC PART TO A COMPOSITE CONTAINER  
[54] PROCEDE DE THERMOSCELLAGE PAR INDUCTION D'UNE PARTIE EN PLASTIQUE SUR UN CONTENEUR COMPOSITE  
[72] MORROW, J., US  
[72] BOATWRIGHT, FLOYD, US  
[72] LOWRY, JAMES, US  
[72] REA, KEITH, US  
[72] BRADDOCK, CHARLES, US  
[71] SONOCO DEVELOPMENT, INC., US  
[85] 2004-05-05  
[86] 2002-10-28 (PCT/US2002/034579)  
[87] 2003-05-30 (WO2003/043889)  
[30] US (09/991,227) 2001-11-15

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[13] A1

[51] Int.Cl. 7H01J 61/88  
[25] EN  
[54] HIGH INTENSITY DISCHARGE LAMP WITH SINGLE CRYSTAL SAPPHIRE ENVELOPE  
[54] LAMPE A DECHARGE A HAUTE INTENSITE A ENVELOPPE EN SAPHIR MONOCRISTALLIN  
[72] EASTLUND, BERNARD J., US  
[72] LEVIS, MAURICE E., US  
[71] GEM LIGHTING LLC, US  
[85] 2004-05-05  
[86] 2002-01-28 (PCT/US2002/002566)  
[87] 2003-04-10 (WO2003/030212)  
[30] US (09/969,903) 2001-10-02

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[13] A1

[51] Int.Cl. 7G01V 3/00  
[25] EN  
[54] OBJECTIVE ORIENTED NMR LOGGING METHOD AND APPARATUS  
[54] PROCEDE ET APPAREIL D'ENREGISTREMENT RMN ORIENTE OBJECTIF  
[72] CHEN, SONGHUA, US  
[72] EDWARDS, CARL M., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-05-04  
[86] 2002-11-06 (PCT/US2002/035620)  
[87] 2003-05-15 (WO2003/040760)  
[30] US (60/332,888) 2001-11-06  
[30] US (10/288,115) 2002-11-05

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[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] METHODS, SYSTEMS, AND ARTICLES OF MANUFACTURE FOR PROVIDING PRODUCT AVAILABILITY INFORMATION  
[54] PROCEDES, SYSTEMES ET ARTICLES FABRIQUES SERVANT A FOURNIR DES DONNEES DE DISPONIBILITE DE PRODUIT  
[72] BRICE, TONY J., US  
[72] WALKER, ALAN, US  
[72] SMITH, BARRY C., US  
[72] OFFUTT, JOSEPH, US  
[71] SABRE INC., US  
[85] 2004-05-04  
[86] 2002-11-05 (PCT/US2002/035434)  
[87] 2003-05-15 (WO2003/040883)  
[30] US (60/330,953) 2001-11-05

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[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEM AND METHOD FOR ELECTRONICALLY CREATING, FILING AND APPROVING APPLICATIONS FOR INSURANCE COVERAGE  
[54] SYSTEME ET PROCEDE PERMETTANT DE CREER, TRANSMETTRE ET ACCEPTER PAR VOIE ELECTRONIQUE DES DEMANDES D'ADHESION A UNE GARANTIE D'ASSURANCE  
[72] DEBBER, DALE J., US  
[71] REAL CONSULTING LLC, US  
[85] 2004-05-04  
[86] 2002-11-07 (PCT/US2002/035904)  
[87] 2003-05-15 (WO2003/040889)  
[30] US (60/336,887) 2001-11-07

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[13] A1

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[25] EN  
[54] SWITCH  
[54] COMMUTATEUR  
[72] NAKAMURA, KUNIHIKO, JP  
[72] NAKANISHI, YOSHITO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2004-05-04  
[86] 2003-06-05 (PCT/JP2003/007106)  
[87] 2003-12-18 (WO2003/105175)  
[30] JP (2002-170613) 2002-06-11

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[13] A1

[51] Int.Cl. 7C11D 3/43  
[25] EN  
[54] IMPROVED WASHING SYSTEM  
[54] SYSTEME DE LAVAGE AMELIORE  
[72] BEHAL, VIDUR, IN  
[72] MODY, KRIPA DEVAGNA, IN  
[72] ROBERTS, GLYN, IN  
[72] BARGAJE, VIJAYA MILIND, IN  
[72] BIRKER, PAUL JOHAN MARIE WILLEM LOUIS, NL  
[71] UNILEVER PLC, GB  
[85] 2004-05-04  
[86] 2002-10-28 (PCT/EP2002/012036)  
[87] 2003-05-30 (WO2003/044147)  
[30] IN (1091/MUM/01) 2001-11-19

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[13] A1

[51] Int.Cl. 7G01R 33/02  
[25] EN  
[54] MAGNETOMETER HAVING A DYNAMICALLY ADJUSTABLE BIAS SETTING AND ELECTRONIC VEHICLE COMPASS INCORPORATING THE SAME BACKGROUND OF THE INVENTION  
[54] MAGNETOMETRE A REGLAGE DE POLARISATION DYNAMIQUE ET COMPAS ELECTRONIQUE POUR VEHICULE INCORPORANT LEDIT MAGNETOMETRE  
[72] FRIEND, TIMOTHY R., US  
[72] BECHTEL, JON H., US  
[71] GENTEX CORPORATION, US  
[85] 2004-05-04  
[86] 2002-11-15 (PCT/US2002/036786)  
[87] 2003-05-30 (WO2003/044540)  
[30] US (09/989,559) 2001-11-20

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[13] A1

[51] Int.Cl. 7H05B 41/282  
[25] EN  
[54] ELECTRONIC BALLAST FOR HIGH-INTENSITY DISCHARGE LAMPS  
[54] BALLAST ELECTRONIQUE POUR LAMPES A DECHARGE A INTENSITE ELEVEE  
[72] BARAK, SHAUL, IL  
[71] LIGHTECH ELECTRONICS INDUSTRIES LTD., IL  
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[86] 2001-11-05 (PCT/IB2001/002067)  
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[13] A1

[51] Int.Cl. 7G02F 1/025 7G02F 1/313  
[25] EN  
[54] METHOD AND APPARATUS FOR PHASE-SHIFTING AN OPTICAL BEAM IN A SEMICONDUCTOR SUBSTRATE  
[54] PROCEDE ET APPAREIL PERMETTANT DE DECALEUR LA PHASE D'UN FAISCEAU OPTIQUE DANS UN SUBSTRAT SEMI-COMDUCTEUR  
[72] SAMARA-RUBIO, DEAN, US  
[71] INTEL CORPORATION, US  
[85] 2004-05-04  
[86] 2002-11-08 (PCT/US2002/035948)  
[87] 2003-05-30 (WO2003/044590)  
[30] US (10/011,216) 2001-11-15

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[51] Int.Cl. 7A61K 9/28 7A61K 9/20  
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[25] EN  
[54] PHARMACEUTICAL COMPOSITIONS FOR THE ORAL ADMINISTRATION OF HEPARIN OR DERIVATIVES THEREOF  
[54] COMPOSITIONS PHARMACEUTIQUES POUR L'ADMINISTRATION ORALE D'HEPARINE OU DE DERIVES DE CELLE-CI  
[72] AJANI, MAURO, IT  
[72] VILLA, ROBERTO, IT  
[72] MORO, LUIGI, IT  
[71] COSMO S.P.A., IT  
[85] 2004-05-04  
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[87] 2003-06-19 (WO2003/049721)  
[30] IT (MI2001A002599) 2001-12-11

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[21] 2,465,835  
[13] A1

[51] Int.Cl. 7C08K 5/01  
[25] EN  
[54] REINFORCEMENT COMPOSITION FOR ROTATIONAL MOLDING  
[54] COMPOSITION RENFORCANTE POUR MOULAGE CENTRIFUGE  
[72] REEVES, ROBERT A., US  
[72] STEVENSON, MICHAEL J., US  
[71] STEVENSON, MICHAEL J., US  
[85] 2004-05-04  
[86] 2002-11-29 (PCT/US2002/038219)  
[87] 2003-06-19 (WO2003/050177)  
[30] US (10/002,590) 2001-12-05

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[13] A1

[51] Int.Cl. 7G11C 16/04  
[25] EN  
[54] DUAL MODE HIGH VOLTAGE POWER SUPPLY FOR PROVIDING INCREASED SPEED IN PROGRAMMING DURING TESTING OF LOW VOLTAGE NON-VOLATILE MEMORIES  
[54] ALIMENTATION HAUTE TENSION BI-MODE PERMETTANT UNE VITESSE DE PROGRAMMATION ACCRUE PENDANT LE TEST DES MEMOIRES REMANENTES BASSE TENSION  
[72] LAMBRACHE, EMIL, US  
[72] SMARANDOIU, GEORGE, US  
[71] ATMEL CORPORATION, US  
[85] 2004-05-05  
[86] 2002-08-21 (PCT/US2002/026727)  
[87] 2003-05-15 (WO2003/041085)  
[30] US (10/005,317) 2001-11-06

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[21] 2,465,847  
[13] A1

[51] Int.Cl. 7A61B 19/00  
[25] EN  
[54] SYSTEM FOR EXCITATION LEADLESS MINIATURE MARKER  
[54] SYSTEME POUR MARQUEUR D'EXCITATION MINIATURE SANS BROCHE  
[72] DIMMER, STEVEN C., US  
[71] CALYPSO MEDICAL TECHNOLOGIES, INC., US  
[85] 2004-05-05  
[86] 2002-12-20 (PCT/US2002/041097)  
[87] 2003-07-03 (WO2003/053270)  
[30] US (10/027,675) 2001-12-20  
[30] US (10/044,056) 2002-01-11

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[13] A1

[51] Int.Cl. 7C07F 5/02  
[25] EN  
[54] OLEFIN POLYMERIZATION CATALYSTS CONTAINING 1,3-DIBORETANYL LIGANDS  
[54] CATALYSEURS DE POLYMERISATION D'OLEFINES CONTENANT DES LIGANDS DE 1,3-DIBORETANYLE  
[72] NAGY, SANDOR, US  
[71] EQUISTAR CHEMICALS, L.P., US  
[85] 2004-05-05  
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[30] US (10/027,130) 2001-12-20

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[51] Int.Cl. 7C07D 417/06 7A61P 25/16  
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7C07D 213/89  
[25] FR  
[54] DERIVES DE 2-AMINO-4-PYRIDYL METHYL THIAZOLINE ET LEUR UTILISATION COMME INHIBITEURS DE NO-SYNTHASE INDUCTIBLE  
[54] USE OF 2-AMINO-4-PYRIDYL METHYL THIAZOLINE DERIVATIVES AS INHIBITORS OF INDUCIBLE NO-SYNTHASE  
[72] BACQUE, ERIC, FR  
[72] BIGOT, ANTONY, FR  
[72] TABART, MICHEL, FR  
[72] RONAN, BAPTISTE, FR  
[72] CARRY, JEAN-CHRISTOPHE, FR  
[72] MIGNANI, SERGE, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2004-05-04  
[86] 2002-11-07 (PCT/FR2002/003808)  
[87] 2003-05-15 (WO2003/039446)  
[30] FR (01/14508) 2001-11-09  
[30] US (60/352,978) 2002-01-30

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[13] A1

[51] Int.Cl. 7B32B 27/12 7B32B 27/04  
[25] EN  
[54] PROCESS, COMPOSITION AND COATING OF LAMINATE MATERIAL  
[54] PROCEDE, COMPOSITION ET REVETEMENT DE MATERIAU STRATIFIE  
[72] EGGRERS, DARREL R., US  
[72] BALTHES, GARRY E., US  
[71] FLEXFORM TECHNOLOGIES, LLC, US  
[85] 2004-05-05  
[86] 2002-11-05 (PCT/US2002/035503)  
[87] 2003-05-15 (WO2003/039862)  
[30] US (60/347,858) 2001-11-07  
[30] US (60/349,541) 2002-01-18  
[30] US (60/358,857) 2002-02-22  
[30] US (60/359,017) 2002-02-22  
[30] US (60/359,602) 2002-02-26  
[30] US (60/400,173) 2002-07-31  
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[13] A1

[51] Int.Cl. 7H01L 31/101 7H01L 31/08  
**7H01L 31/18**  
[25] FR  
[54] PROCEDE DE FABRICATION  
D'UN PHOTODETECTEUR  
SEMICONDUCTEUR, NOTAMMENT  
DANS LE DOMAINE UV-X DE BASSE  
ENERGIE, ET PHOTODETECTEUR  
OBTENU PAR CE PROCEDE  
[54] METHOD FOR MAKING A  
SEMICONDUCTOR  
PHOTODETECTOR, IN PARTICULAR  
IN THE LOW-ENERGY UV-X DOMAIN,  
AND PHOTODETECTOR OBTAINED  
BY SAID METHOD  
[72] FOULON, FRANCOIS, FR  
[72] GUIZARD, BENOIT, FR  
[71] COMMISSARIAT A L'ENERGIE  
ATOMIQUE, FR  
[85] 2004-05-04  
[86] 2002-11-04 (PCT/FR2002/003766)  
[87] 2003-05-15 (WO2003/041120)  
[30] FR (01/14326) 2001-11-06

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[13] A1

[51] Int.Cl. 7A61K 7/00 7A61K 7/06  
**7A61K 7/48**  
[25] EN  
[54] SKIN LOTION COMPRISING  
AQUEOUS DISPERSION OF ULTRA-  
FINE NOBLE METAL PARTICLES  
[54] LOTION POUR LA PEAU  
CONTENANT UNE DISPERSION  
AQUEUSE DE PARTICULES ULTRA-  
FINES DE METAL NOBLE  
[72] SUZUKI, KAZUAKI, JP  
[72] TAKASE, HIROAKI, JP  
[72] UEDA, YOSHIO, JP  
[72] HIRATA, YOSHIHIRO, JP  
[71] PHILD CO. LTD., JP  
[85] 2004-05-05  
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[87] 2003-05-15 (WO2003/039494)  
[30] JP (2001/340217) 2001-11-06

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[13] A1

[51] Int.Cl. 7A61K 47/38 7A61K 38/18  
[25] EN  
[54] AQUEOUS SUSTAINED-RELEASE  
FORMULATIONS OF PROTEINS  
[54] FORMULATIONS AQUEUSES DE  
PROTEINES A LIBERATION  
PROLONGEE  
[72] CHEUNG, WING K., US  
[72] JIN, RENZHE, US  
[72] RUDOLPH, SUNITHA, US  
[72] BEGUM, SELIMA, US  
[72] KELLEY, MARIAN, US  
[72] SHARMA, BASANT, US  
[71] ORTHO-MCNEIL  
PHARMACEUTICAL, INC., US  
[85] 2004-05-05  
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[87] 2003-07-03 (WO2003/053471)  
[30] US (10/037,369) 2001-11-07

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[13] A1

[51] Int.Cl. 7G06K 7/10 7G06K 9/22  
[25] EN  
[54] AUTOMATICALLY-ACTIVATED  
HAND-SUPPORTABLE MULTI-MODE  
LASER SCANNING BAR CODE  
SYMBOL READING SYSTEM  
[54] SYSTEME MANUEL DE LECTURE  
DE SYMBOLES DE CODE A BARRES  
PAR BALAYAGE LASER MULTIMODE  
ACTIVE AUTOMATIQUEMENT  
[72] DIPLOACIDO, KEVIN, US  
[72] KNOWLES, HARRY C., US  
[72] KOLIS, GEORGE, US  
[72] RUSSELL, GARRETT K., US  
[72] MARTIN, WILLIAM, US  
[72] GIORDANO, PATRICK A., US  
[72] JEFFERSON, MATTHEW R., US  
[72] COLAVITO, STEPHEN J., US  
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[72] SCHMIDT, MARK C., US  
[72] EDMONDS, SHANE, US  
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[86] 2002-11-13 (PCT/US2002/036864)  
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[30] US (10/014,342) 2001-11-13  
[30] US (10/042,755) 2002-11-13

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[13] A1

[51] Int.Cl. 7A47C 1/02  
[25] EN  
[54] SEAT CONNECTION MECHANISM  
[54] MECANISME DE CONNEXION DE  
SIEGE  
[72] OLARTE, ALVARO MAURICIO, US  
[71] MULTIPLE LLC, US  
[85] 2004-05-07  
[86] 2002-11-12 (PCT/US2002/036053)  
[87] 2003-05-15 (WO2003/039297)  
[30] US (60/346,097) 2001-11-09  
[30] US (10/067,381) 2002-02-05

**[21] 2,465,898**  
[13] A1

[51] Int.Cl. 7A47J 31/40  
[25] EN  
[54] DEVICE AND METHOD FOR  
SELECTING AND EXTRACTING A  
CAPSULE TO PREPARE A BEVERAGE  
[54] DISPOSITIF ET METHODE POUR  
LA SELECTION ET L'EXTRACTION  
D'UNE CAPSULE POUR LA  
PREPARATION D'UNE BOISSON  
[72] PILLOT, PIERRE, CH  
[72] ZURCHER, ALAIN, CH  
[71] SOCIETE DES PRODUITS NESTLE  
S.A., CH  
[85] 2004-05-07  
[86] 2002-10-30 (PCT/EP2002/012174)  
[87] 2003-05-15 (WO2003/039309)  
[30] EP (01126726.7) 2001-11-09

**[21] 2,465,909**  
[13] A1

[51] Int.Cl. 7G06F 15/16  
[25] EN  
[54] INTERACTIVE BROADBAND  
SERVER SYSTEM  
[54] SYSTEME DE SERVEUR A LARGE  
BANDE INTERACTIF  
[72] ROSE, STEVEN W., US  
[71] INTERACTIVE CONTENT ENGINES,  
LLC, US  
[85] 2004-05-07  
[86] 2002-11-27 (PCT/US2002/038346)  
[87] 2003-06-05 (WO2003/046749)  
[30] US (60/333,856) 2001-11-28  
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[13] A1

[51] Int.Cl. 7A61K 31/445 7C07D 211/14  
[25] EN  
[54] POLYMORPHS OF FEXOFENADINE BASE  
[54] POLYMORPHES A BASE FEXOFENADINE  
[72] ARONHIME, JUDITH, IL  
[72] DILLER, DOV, IL  
[72] DOLITZKY, BEN-ZION, IL  
[72] WIZEL, SHLOMIT, IL  
[72] KROCHMAL, BARNABA, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
[85] 2004-05-05  
[86] 2002-11-08 (PCT/US2002/035996)  
[87] 2003-05-15 (WO2003/039482)  
[30] US (60/336,930) 2001-11-08  
[30] US (60/339,041) 2001-12-07  
[30] US (60/344,114) 2001-12-28  
[30] US (60/361,780) 2002-03-04  
[30] US (60/363,482) 2002-03-11  
[30] US (10/118,807) 2002-04-08  
[30] US (10/133,460) 2002-04-26  
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[30] US (60/403,765) 2002-08-15  
[30] US (60/406,214) 2002-08-27  
[30] US (60/387,670) 2002-10-06

[21] **2,465,915**  
[13] A1

[51] Int.Cl. 7B23K 9/26 7B23K 9/29  
[25] EN  
[54] IMPROVED CONSUMABLE ELECTRODE ARC WELDING  
[54] SOUDAGE A L'ARC AMELIORE FAISANT INTERVENIR UNE ELECTRODE FUSIBLE  
[72] FANNING, MICHAEL PETER, AU  
[72] LATHABAI, SRINIVASARAO, AU  
[72] GORDON, THOMAS WILLIAM, AU  
[72] BEDNARZ, BERNARD, AU  
[72] NELLER, MARK KEVIN, AU  
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
[71] CRC FOR WELDED STRUCTURES LIMITED, AU  
[85] 2004-05-05  
[86] 2002-11-06 (PCT/AU2002/001510)  
[87] 2003-05-15 (WO2003/039800)  
[30] AU (PR 8721) 2001-11-07  
[30] AU (PS 1191) 2002-03-19  
[30] AU (2002950101) 2002-07-08

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[13] A1

[51] Int.Cl. 7A61K 31/138 7A61P 35/00  
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[25] EN  
[54] TREATMENT OF BREAST CANCER  
[54] TRAITEMENT DU CANCER DU SEIN  
[72] BRANDES, LORNE J., CA  
[72] VINCENT, MARK, CA  
[71] YM BIOSCIENCES, INC., CA  
[71] THE UNIVERSITY OF MANITOBA, CA  
[85] 2004-05-05  
[86] 2002-11-06 (PCT/CA2002/001725)  
[87] 2003-05-15 (WO2003/039526)  
[30] US (60/331,142) 2001-11-09  
[30] US (60/407,241) 2002-09-03

[21] **2,465,918**  
[13] A1

[51] Int.Cl. 7B01J 2/00  
[25] EN  
[54] METHOD FOR THE PRODUCTION OF PARTICLES  
[54] PROCEDE DE PRODUCTION DE PARTICULES  
[72] NICOLA, MAZIN, GB  
[72] GRAY, NEALE, GB  
[71] ADVANCED PHYTONICS LIMITED, GB  
[85] 2004-05-05  
[86] 2002-11-07 (PCT/GB2002/005017)  
[87] 2003-05-15 (WO2003/039729)  
[30] GB (0126716.0) 2001-11-07

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[13] A1

[51] Int.Cl. 7A61K 31/675 7A01N 25/00  
7A61K 9/22 7A61K 31/47 7A61K 31/66  
[25] EN  
[54] A METHOD FOR TREATING INFLAMMATORY BOWEL DISEASE  
[54] METHODE DE TRAITEMENT D'UNE MALADIE INTESTINALE INFLAMMATOIRE  
[72] CHAROUS, LAUREN, US  
[71] CHAROUS, LAUREN, US  
[85] 2004-05-07  
[86] 2002-11-12 (PCT/US2002/036354)  
[87] 2003-05-15 (WO2003/039488)  
[30] US (60/345,877) 2001-11-09

[21] **2,466,012**  
[13] A1

[51] Int.Cl. 7A61B 5/00  
[25] EN  
[54] METHOD FOR NONINVASIVE CONTINUOUS DETERMINATION OF PHYSIOLOGIC CHARACTERISTICS  
[54] METHODE DE DETERMINATION EN CONTINU ET DE FACON NON INVASIVE DES CARACTERISTIQUES PHYSIOLOGIQUES  
[72] MILLS, ALEXANDER K., US  
[71] MILLS, ALEXANDER K., US  
[85] 2004-05-06  
[86] 2001-11-07 (PCT/US2001/046855)  
[87] 2003-05-15 (WO2003/039326)

[21] **2,466,033**  
[13] A1

[51] Int.Cl. 7A61K 31/56  
[25] EN  
[54] METHOD OF TREATING DISORDER RELATED TO HIGH CHOLESTEROL CONCENTRATION  
[54] METHODE DE TRAITEMENT DE TROUBLES LIES A UN TAUX DE CHOLESTEROL ELEVE  
[72] LIAO, SHUTSUNG, US  
[72] SONG, CHING, US  
[71] THE UNIVERSITY OF CHICAGO, US  
[85] 2004-05-06  
[86] 2002-11-08 (PCT/US2002/035900)  
[87] 2003-05-15 (WO2003/039480)  
[30] US (60/348,020) 2001-11-08

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[13] A1

[51] Int.Cl. 7G06F 12/00 7G06F 17/30  
[25] EN  
[54] SYSTEM AND METHOD FOR IMPROVING SUPPORT FOR INFORMATION TECHNOLOGY THROUGH COLLECTING, DIAGNOSING AND REPORTING CONFIGURATION, METRIC, AND EVENT INFORMATION  
[54] SYSTEME ET PROCEDE PERMETTANT D'AMELIORER LE SUPPORT AUX TECHNOLOGIES DE L'INFORMATION PAR LA COLLECTE, L'EVALUATION ET L'ENREGISTREMENT D'INFORMATIONS RELATIVES AUX CONFIGURATIONS, RELATIVES AUX EVENEMENTS ET DE TYPE METRIQUE  
[72] SPIEGELBERG, GREGORY S., US  
[72] CUSH, MICHAEL C., US  
[71] CRANEL INCORPORATED, US  
[85] 2004-05-03  
[86] 2002-11-15 (PCT/US2002/036995)  
[87] 2003-05-30 (WO2003/044668)  
[30] US (60/338,878) 2001-11-06

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[13] A1

[51] Int.Cl. 7C07C 69/00 7A01N 37/02  
7A01N 37/06 7C07C 69/34  
[25] EN  
[54] METHODS OF REVERSING AND PREVENTING CARDIOVASCULAR PATHOLOGIES  
[54] METHODE PERMETTANT D'INVERSER LE PROCESSUS DE MALADIES CARDIO-VASCULAIRES ET DE PREVENIR CES DERNIERES  
[72] GLASS, MITCHELL, US  
[72] TARDIF, JEAN-CLAUDE, CA  
[71] ATHEROGENICS, INC., US  
[85] 2004-05-03  
[86] 2002-11-12 (PCT/US2002/037274)  
[87] 2003-05-15 (WO2003/039352)  
[30] US (60/347,778) 2001-11-09

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[13] A1

[51] Int.Cl. 7A61F 13/00 7A61F 9/02  
7A61K 9/48 7A01N 43/50  
[25] EN  
[54] COMPOSITIONS FOR THE TREATMENT OF INFECTIOUS DISEASES  
[54] COMPOSITIONS POUR LE TRAITEMENT DE MALADIES INFECTIEUSES  
[72] HELLSTRAND, KRISTOFFER, SE  
[72] GEHLSEN, KURT R., US  
[71] MAXIM PHARMACEUTICALS, INC., US  
[85] 2004-05-03  
[86] 2002-11-05 (PCT/US2002/037275)  
[87] 2003-05-15 (WO2003/039418)  
[30] US (60/338,878) 2001-11-06

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[13] A1

[51] Int.Cl. 7A61F 2/16  
[25] EN  
[54] INTRAOCULAR LENS  
[54] LENTILLE INTRAOCULAIRE  
[72] PHAM, HAI-MINH, US  
[72] NGUYEN, TUAN ANH, US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2004-05-03  
[86] 2002-10-24 (PCT/US2002/034319)  
[87] 2003-05-15 (WO2003/039409)  
[30] US (10/005,864) 2001-11-08

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[13] A1

[51] Int.Cl. 7G06G 7/48  
[25] EN  
[54] METHOD FOR MODELING SIGNAL TRANSDUCTION IN CELLS  
[54] PROCEDE POUR MODELISER LA TRANSDUCTION DES SIGNAUX DANS LES CELLULES  
[72] ANDREUCCI, DANIELE, IT  
[72] BISEGNA, PAOLO, IT  
[72] DIBENEDETTO, EMMANUELE, US  
[71] ANDREUCCI, DANIELE, IT  
[71] BISEGNA, PAOLO, IT  
[71] VANDERBILT UNIVERSITY, US  
[85] 2004-05-06  
[86] 2002-11-07 (PCT/US2002/035737)  
[87] 2003-05-15 (WO2003/040692)  
[30] US (60/338,222) 2001-11-08

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[13] A1

[51] Int.Cl. 7G06F 17/30 7G06F 17/00  
[25] EN  
[54] METHOD AND SYSTEM FOR IDENTIFYING PURCHASING COST SAVINGS  
[54] PROCEDE ET SYSTEMES D'IDENTIFICATION D'ECONOMIES D'ACHAT  
[72] ELIAS, ERIC, US  
[71] VERT TECH LLC, US  
[85] 2004-05-07  
[86] 2002-11-08 (PCT/US2002/035865)  
[87] 2003-05-15 (WO2003/040888)  
[30] US (60/331,118) 2001-11-08

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[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEM AND METHODS FOR MULTILEVEL ELECTRONIC MAIL COMMUNICATION PROGRAMS  
[54] SYSTEME ET PROCEDES PERMETTANT LA MISE EN OEUVRE DE PROGRAMMES DE TRANSMISSION DE COURRIER ELECTRONIQUE MULTINIVEAUX  
[72] AYAN, JORDAN E., US  
[71] CREATE-IT INC., US  
[85] 2004-05-07  
[86] 2002-11-07 (PCT/US2002/036042)  
[87] 2003-05-15 (WO2003/040891)  
[30] US (10/010,464) 2001-11-08

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[13] A1

[51] Int.Cl. 7H04L 29/06 7G06F 17/30  
[25] EN  
[54] SYSTEM AND METHODOLOGY FOR DELIVERING MEDIA TO MULTIPLE DISPARATE CLIENT DEVICES BASED ON THEIR CAPABILITIES  
[54] SYSTEME ET PROCEDE DE DISTRIBUTION DE SUPPORTS A DIVERS DISPOSITIFS CLIENTS EN FONCTION DE LEURS CAPACITES  
[72] KIRANI, SHEKHAR, US  
[72] EASWAR, VENKAT, US  
[72] MIETZ EGLI, PAUL, US  
[71] LIGHTSURF TECHNOLOGIES, INC., US  
[85] 2004-05-07  
[86] 2002-11-07 (PCT/US2002/036064)  
[87] 2003-05-15 (WO2003/040893)  
[30] US (10/010,616) 2001-11-08

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[13] A1

[51] Int.Cl. 7G06K 5/00 7G07C 9/00  
7G06K 19/07  
[25] EN  
[54] IDENTITY CARD AND SYSTEM FOR TRACKING THE USE OF THE CARD  
[54] CARTE D'IDENTITE ET SYSTEME DE POURSUITE  
[72] SIMON, RUDY J., US  
[71] SIMON, RUDY J., US  
[85] 2004-05-07  
[86] 2002-11-07 (PCT/US2002/035753)  
[87] 2003-05-15 (WO2003/040996)  
[30] US (60/344,833) 2001-11-07  
[30] US (10/198,342) 2002-07-18

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[13] A1

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[25] EN  
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[54] APPAREIL MECANIQUE ET METHODE POUR DILATER ET ADMINISTRER UN AGENT THERAPEUTIQUE A UN SITE DE TRAITEMENT  
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[72] SCOTT, NEAL, US  
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[54] ELEMENT DE PILE A COMBUSTIBLE  
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[72] KENDALL, KEVIN, GB  
[71] FREEDOM CELL POWER CORPORATION, US  
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[54] SYSTEME DE CREATION DE BASE DE DONNEES ET INFORMATIONS STRUCTUREES PROVENANT D'UNE ENTREE VOCALE  
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[72] MATHE, JOHN G., US  
[72] STEFANCHIK, MICHAEL F., US  
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[72] KING, RODERICK FREDERIK GERARDUS JOSEPH, GB  
[71] GALACTOGEN PRODUCTS LIMITED, CA  
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[25] EN  
[54] METHOD FOR REMOVING ACETALS CONTAINING FORMALDEHYDE FROM POLYVALENT ALCOHOLS BY MEANS OF TEMPERING  
[54] PROCEDE PERMETTANT DE SUPPRIMER LES ACETALS CONTENANT DE L'ALDEHYDE FORMIQUE D'ALCOOLS POLYVALENTS PAR RECUSSION  
[72] WARTINI, ALEXANDER, DE  
[72] SIRCH, TILMAN, DE  
[72] MELDER, JOHANN-PETER, DE  
[72] DERNBACH, MATTHIAS, DE  
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[51] Int.Cl. 7E01B 7/14  
[25] EN  
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[54] COEUR DE CROISEMENT FERROVIAIRE D'UN AIGUILAGE DE VOIE, EQUIPE D'UN MECANISME DE RETENUE EN FIN DE COURSE  
[72] LEITNER, JOSEF, AT  
[71] VAE EISENBAHNSYSTEME GMBH, AT  
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7A61K 31/52  
[25] EN  
[54] NUCLEOSIDES PREPARATION THEREOF AND USE AS INHIBITORS OF RNA VIRAL POLYMERASES  
[54] NUCLEOSIDES, LEUR PREPARATION, ET LEUR UTILISATION COMME INHIBITEURS DE POLYEMRASES VIRALES D'ARN  
[72] WU, MINWAN, US  
[72] BABU, YARLAGADDA S., US  
[72] CHAND, POORAN, US  
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[71] BIOCRYST PHARMACEUTICALS, INC., US  
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[54] CIBLAGE SELECTIF DE CELLULES APOPTIQUES  
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[71] UNISEARCH LIMITED, AU  
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[25] EN  
[54] METHOD AND APPARATUS FOR OZONE STERILIZATION  
[54] PROCEDE ET DISPOSITIF DE STERILISATION A L'OZONE  
[72] DUFRESNE, SYLVIE, CA  
[72] FOURNIER, STEPHANE, CA  
[72] TURCOT, RICHARD, CA  
[72] ROBITAILLE, SIMON, CA  
[72] SIMARD, MARIO, CA  
[71] TSO3 INC., CA  
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[54] CONVERSION DE CYCLOPENTADIENYL-SILYLAMINES EN COMPLEXES ORGANOMETALLIQUES COMPRENANT UN FRAGMENT BISALCOXY DE TITANE OU UN FRAGMENT DICHLORURE DE TITANE  
[72] ARKIN, DAWN A., US  
[72] VOLL BARCLAY, KARIN A., US  
[72] SULLIVAN, JEFFREY M., US  
[72] GATELY, DANIEL A., US  
[71] BOULDER SCIENTIFIC COMPANY, US  
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[25] EN  
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[54] PROCEDE DE PREPARATION DE CATALYSEUR DE CONVERSION DE MONOXYDE DE CARBONE  
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[72] MATSUHISA, TOSHIO, JP  
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[54] DISPOSITIF DE MISE EN PLACE D'ENDOPROTHESES  
[72] EDMISTON, DARYL R., US  
[72] JOHNSON, STEVEN W., US  
[72] LINDER, RICHARD J., US  
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[30] US (10/290,099) 2002-11-07

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[72] TAKUBO, TAKAHISA, JP  
[72] SAI, EISAKU, JP  
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[71] WARNER-LAMBERT COMPANY, US  
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[30] JP (2001-344449) 2001-11-09

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[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
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[54] ENCRES D'IMPRESSION LITHOGRAPHIQUE LAVABLES A FAIBLE CONSISTANCE  
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[71] SUN CHEMICAL CORPORATION, US  
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[51] Int.Cl. 7H01M 6/16  
[25] EN  
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[71] YARDNEY TECHNICAL PRODUCTS, INC., US  
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[54] ABAISSEMENT DE FREQUENCE NUMERIQUE ET ANALOGIQUE MULTIPLE  
[72] FERNANDEZ-CORBATON, IVAN JESUS, US  
[72] SMEE, JOHN, US  
[72] JAYARAMAN, SRIKANT, US  
[71] QUALCOMM INCORPORATED, US  
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[72] BLANZ, JOSEF, DE  
[71] QUALCOMM INCORPORATED, US  
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[25] EN  
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[54] PROCEDE D'OXYDATION DE  
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[72] BOUMANS, JOHANNES  
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MARINUS, NL  
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[25] EN  
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[54] ELECTROCATALYSEUR DE  
RHODIUM AMELIORE ET SON  
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[72] TSOU, YU-MIN, US  
[72] MARTELLI, GIAN NICOLA, IT  
[72] ALLEN, ROBERT J., US  
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ELEMENT  
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CURRENT COLLECTORS/  
DISTRIBUTORS OF SOLID POLYMER  
ELECTROLYTE FUEL CELL STACKS  
[54] PROCEDE PERMETTANT DE  
REUTILISER DES COLLECTEURS/  
DISTRIBUTEURS DE COURANT D'UN  
GENERATEUR ELECTROCHIMIQUE  
A MEMBRANE

[72] RAMUNNI, ENRICO, IT  
[72] FLEBA, GIAN PIERO, IT  
[72] MERLO, LUCA, IT  
[72] BRIGNOLI, GIAMPAOLO, IT  
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[25] EN  
[54] SLURRY HYDROCARBON  
SYNTHESIS WITH ISOMERIZATION  
ZONE IN EXTERNAL LIFT REACTOR  
LOOP  
[54] SYNTHESE D'HYDROCARBURES  
EN SUSPENSION A ZONE  
D'ISOMERISATION DANS UNE  
BOUCLE DE REACTEUR A  
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[72] WITTENBRINK, ROBERT JAY, US  
[72] MART, JOHN CHARLES, US  
[72] FEELEY, JENNIFER SCHAEFER, US  
[72] CLARK, JANET RENEE, US  
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[30] US (09/992,390) 2001-11-06

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[72] GOLDBERG, JESSICA WEISS, US  
[72] MASSARO, MICHAEL, US  
[72] BHATT, DARSHNA, US  
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[54] RACCORD A DEMONTAGE RAPIDE POUR CHALUMEAU A ARC DE PLASMA  
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[72] ROGERS, FRED, US  
[72] JONES, JOSEPH P., US  
[72] MACKENZIE, DARRIN H., US  
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[25] EN  
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[54] DISPOSITIF INTRALUMINAL AUTOPROPULSE A TETE CREUSE, CYLINDRIQUE ET PROCEDE D'UTILISATION ASSOCIE  
[72] STEFANCHIK, DAVID, US  
[72] LONG, GARY L., GB  
[72] BALLY, KURT R., US  
[71] ETHICON ENDO-SURGERY, INC., US  
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[30] US (10/281,930) 2002-10-28

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[13] A1

[51] Int.Cl. 7A61L 27/54 7A61L 29/16  
**7A61L 31/16**  
[25] EN  
[54] INTRALUMINAL DEVICE WITH A COATING CONTAINING A THERAPEUTIC AGENT  
[54] DISPOSITIF INTRALUMINAL AVEC REVETEMENT CONTENANT UNE SUBSTANCE THERAPEUTIQUE  
[72] DE SCHEERDER, IVAN, BE  
[72] DHONDT, MARIA, BE  
[72] HOOLANTS, INGRID, FR  
[72] ALLEN-PETIT, SYLVIE, LU  
[71] ATRIUM MEDICAL CORPORATION, US  
[85] 2004-05-07  
[86] 2002-11-08 (PCT/BE2002/000166)  
[87] 2003-05-15 (WO2003/039612)  
[30] EP (01870237.3) 2001-11-08  
[30] EP (02447048.6) 2002-03-28  
[30] EP (02447075.9) 2002-04-26

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[13] A1

[51] Int.Cl. 7A61K 31/085 7A61P 9/04  
7A61K 31/045 7A61P 9/06 7A61P 9/10  
7A61K 31/135  
[25] EN  
[54] METHODS AND COMPOSITIONS FOR USE OF (S)-BISOPROLOL  
[54] PROCEDES ET COMPOSITIONS D'UTILISATION DE (S)-BISOPROLOL  
[72] KELLY, JOHN, IE  
[72] DEVANE, JOHN, IE  
[71] ATHPHARMA, IE  
[85] 2004-05-07  
[86] 2002-11-15 (PCT/IB2002/005202)  
[87] 2003-05-22 (WO2003/041696)  
[30] US (60/335,884) 2001-11-15  
[30] US (10/225,543) 2002-08-22

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[51] Int.Cl. 7A61K 41/00 7A61K 9/06  
7A61P 17/14 7A61K 31/40  
[25] EN  
[54] PHOTODYNAMIC THERAPY FOR THE TREATMENT OF HAIR LOSS  
[54] THERAPIE PHOTODYNAMIQUE DESTINEE A TRAITER LA CHUTE DES CHEVEUX  
[72] NORTH, JOHN ROBERT, CA  
[72] LUTWYCHE, PETER, CA  
[72] RICHTER, ANNA M., CA  
[72] SIMKIN, GUILLEMMO O., CA  
[72] BOCH, RONALD ERWIN, CA  
[72] HUNT, DAVID W. C., CA  
[71] QLT INC., CA  
[85] 2004-05-07  
[86] 2002-11-08 (PCT/CA2002/001711)  
[87] 2003-05-15 (WO2003/039596)  
[30] US (60/338,295) 2001-11-09

**[21] 2,466,435**  
[13] A1

[51] Int.Cl. 7A63B 21/008  
[25] EN  
[54] EXERCISE APPARATUS  
[54] APPAREIL POUR EXERCICE PHYSIQUE  
[72] KEISER, DENNIS L., US  
[71] KEISER CORPORATION, US  
[85] 2004-05-07  
[86] 2002-11-13 (PCT/US2002/036383)  
[87] 2003-05-22 (WO2003/041809)  
[30] US (60/332,468) 2001-11-13

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[13] A1

[51] Int.Cl. 7A61N 1/362 7A61N 1/368  
[25] EN  
[54] ADJUSTABLE CARDIAC RESYNCHRONIZATION  
[54] RESYNCHRONISATION CARDIAQUE REGLABLE  
[72] VANHOUT, WARREN L., US  
[71] MEDTRONIC, INC., US  
[85] 2004-05-07  
[86] 2002-10-01 (PCT/US2002/031347)  
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[51] Int.Cl. 7A61K 41/00 7A61K 47/08  
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[25] EN  
[54] COMPOSITIONS COMPRISING A PHOTOSENSITIZER AND A SKIN-PENETRATION ENHANCER AND THEIR USE IN PHOTODYNAMIC TREATMENT  
[54] COMPOSITIONS RENFERMANT UN PHOTOSENSIBILISATEUR ET UN AMPLIFICATEUR DE PENETRATION CUTANEE ET LEUR UTILISATION DANS LE TRAITEMENT PHOTODYNAMIQUE  
[72] NORTH, JOHN ROBERT, CA  
[72] BOCH, RONALD ERWIN, CA  
[72] LUTWYCHE, PETER, CA  
[72] MONK, WENDY, CA  
[71] QLT INC., CA  
[85] 2004-05-07  
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[87] 2003-05-15 (WO2003/039597)  
[30] US (60/338,295) 2001-11-09

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[13] A1

[51] Int.Cl. 7A23L 1/216 7A23B 7/06  
7A23P 1/08 7A23L 1/217  
[25] EN  
[54] METHOD OF PREPARING A POTATO BASED FOOD PRODUCT  
[54] PROCEDE DE FABRICATION D'UN PRODUIT ALIMENTAIRE A BASE DE POMMES DE TERRE  
[72] HOWARD, JOHN G., GB  
[71] MCCAIN FOODS (GB) LIMITED, GB  
[85] 2004-05-06  
[86] 2002-09-25 (PCT/GB2002/004332)  
[87] 2003-04-03 (WO2003/026443)  
[30] GB (0123015.0) 2001-09-25

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[25] EN  
[54] CANNABINOID RECEPTOR LIGANDS  
[54] LIGANDS DU RECEPTEUR DES CANNABINOÏDES  
[72] WONG, MICHAEL K. C., US  
[72] SHIH, NENG-YANG, US  
[72] TONG, LING, US  
[72] LAVEY, BRIAN J., US  
[72] ZHOU, GUOWEL, US  
[72] FRIARY, RICHARD J., US  
[72] SHANKAR, BANDARPALLE B., US  
[72] CHEN, LEI, US  
[72] SHU, YOUNGHEUNG, US  
[72] KOZLOWSKI, JOSEPH A., US  
[71] SCHERING CORPORATION, US  
[85] 2004-05-07  
[86] 2002-11-12 (PCT/US2002/036185)  
[87] 2003-05-22 (WO2003/042174)  
[30] US (60/332,911) 2001-11-14

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[13] A1

[51] Int.Cl. 7B01J 38/00 7C10G 2/00  
7C07C 1/04  
[25] EN  
[54] IN SITU CATALYST REGENERATION/ACTIVATION PROCESS  
[54] PROCEDE DE REGENERATION/ D'ACTIVATION DE CATALYSEUR IN SITU  
[72] SOLED, STUART LEON, US  
[72] BAUMGARTNER, JOSEPH ERNEST, US  
[72] KISS, GABOR, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2004-05-07  
[86] 2002-10-15 (PCT/US2002/032760)  
[87] 2003-05-22 (WO2003/041860)  
[30] US (10/054,228) 2001-11-13

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[13] A1

[51] Int.Cl. 7B63B 9/06 7B63B 3/04 7B63B 5/24  
[25] EN  
[54] METHOD OF CONSTRUCTING A LARGE, THREE-DIMENSIONAL, LAMINAR BODY  
[54] PROCEDE DE FABRICATION D'UN CORPS LAMELLAIRE TRIDIMENSIONNEL DE GRANDE DIMENSION  
[72] FRADERA PELLICER, CARLOS, AD  
[71] FRADERA PELLICER, CARLOS, AD  
[85] 2004-05-07  
[86] 2002-11-13 (PCT/ES2002/000526)  
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[13] A1

[51] Int.Cl. 7B05B 11/00 7A47K 5/14  
[25] EN  
[54] DISPENSER FOR DISPENSING A FLUID, HOUSING FOR SUCH A DISPENSER, STORAGE HOLDER DESTINED FOR PLACEMENT THEREIN AND ARRANGEMENT FOR THE DOSED PUMPING OF A FLUID FROM A FLUID RESERVOIR  
[54] DISTRIBUTEUR DE LIQUIDES, BOITIER DU DISTRIBUTEUR, SUPPORT DE STOCKAGE DESTINE A ETRE PLACE DANS LE DISTRIBUTEUR, ET ARRANGEMENT POUR LE POMPAGE REGULE D'UN LIQUIDE D'UN RESERVOIRPOUR LIQUIDES  
[72] GANZEBOOM, WILHELMUS EVERHARDUS, NL  
[71] BENTFIELD EUROPE B.V., NL  
[85] 2004-05-07  
[86] 2002-11-11 (PCT/NL2002/000725)  
[87] 2003-05-22 (WO2003/041871)  
[30] NL (1019348) 2001-11-12  
[30] NL (1020641) 2002-05-21

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[13] A1

[51] Int.Cl. 7A61M 15/00 7A61M 11/00  
[25] EN  
[54] ASSEMBLY  
[54] SYSTEME  
[72] BRAITHWAITE, PHILIP, GB  
[71] INNOVATA BIOMED LIMITED, GB  
[85] 2004-05-06  
[86] 2002-11-22 (PCT/GB2002/005272)  
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[25] EN  
[54] DIRECT MAILING DEVICE  
[54] DISPOSITIF DE PUBLIPOSTAGE  
DIRECT  
[72] BECKER, THOMAS, US  
[71] BECKER, THOMAS, US  
[85] 2004-05-06  
[86] 2002-11-07 (PCT/US2002/035823)  
[87] 2003-06-26 (WO2003/052720)  
[30] US (10/039,566) 2001-11-09

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[13] A1

[51] Int.Cl. 7A61B 17/04  
[25] EN  
[54] SUTURE ANCHOR  
[54] ANCORAGE DE SUTURE  
[72] FALLIN, WADE T., US  
[72] GERBEC, DANIEL E., US  
[72] BAKER, GORDON, US  
[71] STRYKER ENDOSCOPY, US  
[85] 2004-05-07  
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[87] 2003-06-05 (WO2003/045255)  
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[13] A1

[51] Int.Cl. 7C07D 473/00 7A61P 35/00  
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7A61P 1/12 7A61P 25/16 7A61P 25/28  
7A61K 31/52  
[25] EN  
[54] A2B ADENOSINE RECEPTOR  
ANTAGONISTS  
[54] ANTAGONISTES DE RECEPTEUR  
D'ADENOSINE A2B  
[72] PERRY, THAO, US  
[72] ELZEIN, ELFATIH, US  
[72] VARKHEDKAR, VAIBHAV, US  
[72] LI, XIAOFEN, US  
[72] ZABLOCKI, JEFF, US  
[72] KALLA, RAO, US  
[72] PALLE, VENKATA, IN  
[72] IBRAHIM, PRABHA, US  
[72] XIAO, DENGMING, US  
[71] CV THERAPEUTICS, INC., US  
[85] 2004-05-07  
[86] 2002-11-08 (PCT/US2002/035880)  
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[13] A1

[51] Int.Cl. 7A61N 1/36  
[25] EN  
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OF A COCHLEA  
[54] STIMULATION INFRALIMITAIRE  
D'UNE COCHLEE  
[72] MILOJEVIC, DUSAN, AU  
[72] PARKER, JOHN, AU  
[71] COCHLEAR LIMITED, AU  
[85] 2004-05-07  
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[87] 2003-05-15 (WO2003/039660)  
[30] AU (PR 8792) 2001-11-09

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[13] A1

[51] Int.Cl. 7A62B 18/10  
[25] EN  
[54] FILTERING FACE MASK THAT  
USES AN EXHALATION VALVE THAT  
HAS A MULTILAYERED FLEXIBLE  
FLAP  
[54] MASQUE FACIAL FILTRANT  
EQUIPE D'UN CLAPET D'EXPIRATION  
POURVU D'UN VOLET SOUPLE  
MULTICOUCHE  
[72] MARTIN, PHILIP G., US  
[72] XUE, JIANXIAN, US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2004-05-07  
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[13] A1

[51] Int.Cl. 7H04J 3/16 7H03M 7/00  
7G06F 12/02 7H04N 5/92  
[25] EN  
[54] FILE SPLITTING SCALADE  
CODING AND ASYNCHRONOUS  
TRANSMISSION IN STREAMED DATA  
TRANSFER  
[54] DECOUPAGE DE FICHIERS,  
CODAGE ECHELONNABLE, ET  
TRANSMISSION ASYNCHRONE DANS  
UN TRANSFERT CONTINU DE  
DONNEES  
[72] DUNNING, TED E., US  
[72] DORON, AMIR, US  
[72] GRUHNE, MATTHIAS, US  
[71] MUSICMATCH, INC., US  
[85] 2004-05-07  
[86] 2002-11-09 (PCT/US2002/035903)  
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[30] US (10/291,210) 2002-11-08

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[51] Int.Cl. 7C04B 35/50 7C01B 13/02  
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[25] EN  
[54] OXYGEN ION CONDUCTING  
CERAMIC MATERIAL AND USE  
THEREOF  
[54] MATERIAU CERAMIQUE  
CONDUCTEUR D'IONS OXYGENE ET  
SON APPLICATION  
[72] TAGUCHI, HISATOMI, JP  
[72] NAGAYA, SHIGEO, JP  
[72] SUZUKI, TAKEHIRO, JP  
[72] FUKAYA, ATSUSHI, JP  
[72] WATANABE, SYOZO, JP  
[72] KOMURA, KIYOSHI, JP  
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INC., JP  
[71] NORITAKE CO., LIMITED, JP  
[85] 2004-05-07  
[86] 2002-11-07 (PCT/JP2002/011593)  
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[30] JP (2001-344218) 2001-11-09  
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SYSTEM  
[54] SYSTEME DE DECHARGEMENT  
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[72] MALSURY, ALLEN S., US  
[71] FOSTER WHEELER USA  
CORPORATION, US  
[85] 2004-05-07  
[86] 2002-11-06 (PCT/US2002/033621)  
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[25] EN  
[54] SEAT BACK SUSPENSION ARRANGEMENT  
[54] SYSTEME DE SUSPENSION DE DOSSIER DE SIEGE  
[72] EGGERMONT, FILIP ALIDA, BE  
[72] DECEUNINCK, STEFAAN, BE  
[72] VANTHOURNOUT, OLIVIER FREDDY, BE  
[71] L & P SWISS HOLDING COMPANY, CH  
[85] 2004-05-07  
[86] 2002-11-28 (PCT/EP2002/013452)  
[87] 2003-06-05 (WO2003/045732)  
[30] GB (0128417.3) 2001-11-28  
[30] GB (0227534.5) 2002-11-26

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[13] A1

[51] Int.Cl. 7A61L 27/38  
[25] EN  
[54] AUGMENTATION OF ORGAN FUNCTION  
[54] AUGMENTATION DE LA FONCTION D'UN ORGANE  
[72] ATALA, ANTHONY, US  
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 2004-05-07  
[86] 2002-11-12 (PCT/US2002/036202)  
[87] 2003-05-30 (WO2003/043674)  
[30] US (60/331,500) 2001-11-16

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[51] Int.Cl. 7C03C 17/34 7C23C 14/06  
7C23C 16/26  
[25] EN  
[54] HYDROPHILIC DLC ON SUBSTRATE WITH UV EXPOSURE  
[54] DEPOT CDA HYDROPHILE SUR UN SUBSTRAT EXPOSE AUX UV  
[72] VEERASAMY, VIJAYEN S., US  
[71] GUARDIAN INDUSTRIES CORP., US  
[85] 2004-05-07  
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[87] 2003-05-30 (WO2003/043946)  
[30] US (09/987,692) 2001-11-15

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[51] Int.Cl. 7C07C 67/03 7C11C 3/00  
7C10L 1/02 7C11C 3/10  
[25] EN  
[54] IMPROVEMENTS IN OR RELATING TO A METHOD FOR TRANSESTERIFYING VEGETABLE OILS  
[54] AMELIORATIONS APPORTEES OU ASSOCIEES A UN PROCEDE DE TRANSESTERIFICATION D'HUILES VEGETALES  
[72] SZABO, GYULA, HU  
[72] HAAS, LORANT, HU  
[72] COCZI, ISTVAN, HU  
[72] JAMBORNE ULBRECHT, MARIA, HU  
[72] KOVACS, ANDRAS, HU  
[71] SZABO, GYULA, HU  
[71] HAAS, LORANT, HU  
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[71] JAMBORNE ULBRECHT, MARIA, HU  
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[85] 2004-05-07  
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[87] 2003-05-15 (WO2003/040081)  
[30] HU (P 0104786) 2001-11-08

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[51] Int.Cl. 7C07D 277/52  
[25] EN  
[54] INHIBITORS OF 11-BETA-HYDROXY STEROID DEHYDROGENASE TYPE 1  
[54] INHIBITEURS DE LA 11-BETA-HYDROXYSTEROIDE DEHYDROGENASE DE TYPE 1  
[72] VALLGARDA, JERK, SE  
[72] NILSSON, MARIANNE, SE  
[72] ZHANG, LIAN, SE  
[72] BARF, TJEERD, SE  
[72] KURZ, GUIDO, SE  
[72] EMOND, RIKARD, SE  
[71] BIOVITRUM AB, SE  
[85] 2004-05-07  
[86] 2002-11-22 (PCT/SE2002/002140)  
[87] 2003-05-30 (WO2003/043999)  
[30] SE (0103911-4) 2001-11-22  
[30] US (60/348,617) 2002-01-14

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7C07D 285/135 7A61K 31/433  
[25] EN  
[54] INHIBITORS OF 11-BETA-HYDROXY STEROID DEHYDROGENASE TYPE 1  
[54] INHIBITEURS DE LA 11-BETA-HYDROXYSTEROIDE DESHYDROGENASE DE TYPE 1  
[72] WILLIAMS, MEREDITH, SE  
[72] KURZ, GUIDO, SE  
[72] VALLGARDA, JERK, SE  
[72] NILSSON, MARIANNE, SE  
[71] BIOVITRUM AB, SE  
[85] 2004-05-07  
[86] 2002-11-22 (PCT/SE2002/002139)  
[87] 2003-05-30 (WO2003/044000)  
[30] SE (0103913-0) 2001-11-22  
[30] SE (0104051-8) 2001-11-30  
[30] US (60/348,468) 2002-01-14

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[51] Int.Cl. 7C08F 2/34 7C08F 4/00 7C08F 10/04 7C08F 4/06 7C08F 10/14  
[25] EN  
[54] POLYMERIZATION MONITORING AND CONTROL USING LEADING INDICATORS  
[54] SURVEILLANCE ET COMMANDE DE POLYMERISATION A L'AIDE D'INDICATEURS AVANCES  
[72] SCHURZKY, KENNETH G., US  
[72] SANTANA, ROBERT L., US  
[72] EHRMAN, FRED D., US  
[72] SHIRODKAR, PRADEEP P., US  
[71] EXXONMOBIL CHEMICAL PATENTS INC., US  
[85] 2004-05-07  
[86] 2002-10-15 (PCT/US2002/032765)  
[87] 2003-05-30 (WO2003/044061)  
[30] US (60/334,634) 2001-11-15

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[13] A1

[51] Int.Cl. 7C25B 9/08 7H01M 8/02  
[25] EN  
[54] ELECTROCHEMICAL CELL WITH GAS DIFFUSION ELECTRODES  
[54] CELLULE ELECTROLYTIQUE AVEC ELECTRODE DE DIFFUSION DU GAZ  
[72] FEDERICO, FULVIO, IT  
[72] FAITA, GIUSEPPE, IT  
[71] UHDENORA TECHNOLOGIES S.R.L., IT  
[85] 2004-05-06  
[86] 2002-11-12 (PCT/EP2002/012661)  
[87] 2003-05-22 (WO2003/042430)  
[30] IT (MI2001A 002379) 2001-11-12

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[13] A1

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7A61K 31/728  
[25] EN  
[54] USE OF A MIXTURE OF SODIUM HYALURONATE AND CHONDROITIN SULFATE FOR THE TREATMENT OF OSTEOARTHRITIS  
[54] UTILISATION D'UN MELANGE D'HYALURONATE DE SODIUM ET DE SULFATE DE CHONDROITINE POUR LE TRAITEMENT DE L'OSTEOARTHRITE  
[72] HERMIDA, OCHOA ELIAS HUMBERTO, MX  
[71] ALCON, INC., CH  
[85] 2004-05-06  
[86] 2002-11-13 (PCT/EP2002/012703)  
[87] 2003-05-22 (WO2003/041724)  
[30] MX (PA/A/2001/011542) 2001-11-13  
[30] US (10/082,743) 2002-02-22

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[13] A1

[51] Int.Cl. 7G01N 25/06  
[25] EN  
[54] REAL-TIME METHOD FOR THE DETECTION AND CHARACTERIZATION OF SCALE  
[54] PROCEDE TEMPS REEL DESTINE A LA DETECTION ET A LA CARACTERISATION DE DEPOT DE TARTRE  
[72] SEGERAL, GERARD, FR  
[72] TOSKEY, ERIC, RU  
[72] POYET, JEAN-PIERRE, FR  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2004-05-06  
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[87] 2003-05-22 (WO2003/042675)  
[30] US (60/332,601) 2001-11-16

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**[21] 2,466,508**  
[13] A1

[51] Int.Cl. 7A61K 31/01 7A61P 35/00  
7A61K 31/015  
[25] EN  
[54] METHOD AND PHARMACEUTICAL PREPARATIONS FOR REDUCING THE ACTIVITY OF CELLS  
[54] METHODE ET PREPARATIONS PHARMACEUTIQUES VISANT A REDUIRE L'ACTIVITE CELLULAIRE  
[72] SHARONI, YOAV, IL  
[72] LEVY, JOSEPH, IL  
[71] LYCORED NATURAL PRODUCTS INDUSTRIES LTD., IL  
[85] 2004-05-06  
[86] 2002-11-05 (PCT/IL2002/000876)  
[87] 2003-05-22 (WO2003/041695)  
[30] IL (146449) 2001-11-12

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**[21] 2,466,505**  
[13] A1

[51] Int.Cl. 7D21C 3/00 7D21C 5/00  
7D21H 25/02 7D21C 3/20 7D21H 11/20  
[25] EN  
[54] MICROWAVE PRE-TREATMENT OF LOGS FOR USE IN MAKING PAPER AND OTHER WOOD PRODUCTS  
[54] PRE-TRAITEMENT AUX MICRO-ONDES DE RONDINS UTILISES DANS LA FABRICATION DU PAPIER ET D'AUTRES PRODUITS EN BOIS  
[72] KLUNGNESS, JOHN H., US  
[72] LENTZ, MICHAEL J., US  
[72] HORN, ERIC G., US  
[72] SCOTT, C. TIM, US  
[72] AKHTAR, MASOOD, US  
[71] BIOPULPING INTERNATIONAL, INC., US  
[71] UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF AGRICULTURE, US  
[85] 2004-05-07  
[86] 2002-11-12 (PCT/US2002/036443)  
[87] 2003-05-15 (WO2003/040462)  
[30] US (60/347,818) 2001-11-09

**[21] 2,466,509**  
[13] A1

[51] Int.Cl. 7H02M 7/155 7H02J 7/00  
[25] EN  
[54] SYSTEM FOR STORING AND/OR TRANSFORMING ENERGY FROM SOURCES AT VARIABLE VOLTAGE AND FREQUENCY  
[54] SYSTEME DE STOCKAGE ET/OU DE TRANSFORMATION D'ENERGIE PROVENANT DE SOURCES DE TENSION ET DE FREQUENCE VARIABLES  
[72] SPAZIANTE, PLACIDO MARIA, TH  
[72] ZOCCHI, ANDREA, IT  
[72] KAMPANATSANYAKORN, KRISADA, TH  
[71] SQUIRREL HOLDINGS LTD., GB  
[85] 2004-05-06  
[86] 2002-10-14 (PCT/IT2002/000653)  
[87] 2003-05-22 (WO2003/043170)  
[30] IT (VA2001A000041) 2001-11-16

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**[21] 2,466,513**  
[13] A1

[51] Int.Cl. 7B01L 11/00 7B01L 3/00  
[25] EN  
[54] METHOD OF FILLING A WELL IN A SUBSTRATE  
[54] PROCEDE DE REMPLISSAGE D'UN PUITS DANS UN SUBSTRAT  
[72] MOERMAN, ROBERT, NL  
[71] TECHNISCHE UNIVERSITEIT DELFT, NL  
[85] 2004-05-06  
[86] 2002-11-15 (PCT/NL2002/000737)  
[87] 2003-05-22 (WO2003/041863)  
[30] NL (1019378) 2001-11-16

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**[21] 2,466,515**

[13] A1

[51] Int.Cl. 7A44C 5/00 7G04B 37/00  
 [25] EN  
**[54] TIMEPIECE WITH INTEGRAL MOLDED WRISTBAND**  
**[54] PIECE D'HORLOGERIE AVEC BRACELET MOULE INTEGRE**  
 [72] WILSON, SCOTT HAROLD, US  
 [71] NIKE INTERNATIONAL LTD., US  
 [85] 2004-05-06  
 [86] 2002-10-23 (PCT/US2002/031595)  
 [87] 2003-05-22 (WO2003/041527)  
 [30] US (09/986,660) 2001-11-09

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**[21] 2,466,519**

[13] A1

[51] Int.Cl. 7A61K 31/18 7A61K 31/35  
 [25] EN  
**[54] METHOD FOR TREATING AUTOIMMUNE DISEASES**  
**[54] METHODE DE TRAITEMENT DE MALADIES AUTO-IMMUNES**  
 [72] RYBACK, RALPH, US  
 [71] RYBACK, RALPH, US  
 [85] 2004-05-06  
 [86] 2002-11-14 (PCT/US2002/036408)  
 [87] 2003-05-22 (WO2003/041697)  
 [30] US (60/331,324) 2001-11-14

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**[21] 2,466,527**

[13] A1

[51] Int.Cl. 7B65D 35/28 7B65D 83/00  
 7B65D 47/34 7B65D 85/72  
 [25] EN  
**[54] PUMP FOR DISPENSING FLOWABLE MATERIAL**  
**[54] POMPE PERMETTANT DE DISTRIBUER UN MATERIAU FLUIDE**  
 [72] BRENNAN, JAMES WILLIAM, AU  
 [72] BREWER, PETER, RUSSELL, AU  
 [71] BRENNAN, JAMES WILLIAM, AU  
 [85] 2004-05-07  
 [86] 2001-07-04 (PCT/AU2001/000801)  
 [87] 2002-01-10 (WO2002/002423)  
 [30] AU (PQ 8558) 2000-07-04

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**[21] 2,466,529**

[13] A1

[51] Int.Cl. 7A61K 9/48 7A61K 47/10  
 7A61K 47/14 7A61K 9/16  
 [25] EN  
**[54] SOLID, STABILIZED, PROMPT-AND/OR MODIFIED-RELEASE THERAPEUTICAL SYSTEMS FOR THE ORAL ADMINISTRATION OF LIQUID ACTIVE PRINCIPLES, EXCIPIENTS OR FOODSTUFFS**  
**[54] SYSTEMES THERAPEUTIQUES SOLIDES STABILISES A LIBERATION RAPIDE ET/OU MODIFIEE SERVANT A L'ADMINISTRATION PAR VOIE ORALE DE PRINCIPES ACTIFS, D'EXCIPIENTS OU DE PRODUITS ALIMENTAIRES LIQUIDES**  
 [72] MASSIRONI, MARIA GABRIELLA, GB  
 [71] FARMATRON LTD., GB  
 [85] 2004-05-07  
 [86] 2002-11-06 (PCT/EP2002/012364)  
 [87] 2003-05-15 (WO2003/039521)  
 [30] IT (MI2001A 002366) 2001-11-09

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[51] Int.Cl. 7F16S 1/02 7F16B 5/00 7E04G 17/00 7E02D 5/08 7E04C 2/30 7E04D 3/362  
 [25] EN  
**[54] CONNECTOR**  
**[54] CONNECTEUR**  
 [72] ONG, CHIN, CHAI, AU  
 [71] ONG, CHIN, CHAI, AU  
 [85] 2004-05-07  
 [86] 2003-02-14 (PCT/AU2003/000198)  
 [87] 2003-08-21 (WO2003/069216)  
 [30] AU (2002100117) 2002-02-14  
 [30] AU (2002952080) 2002-10-16

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[13] A1

[51] Int.Cl. 7F16L 33/08  
 [25] EN  
**[54] CLAMP**  
**[54] COLLIER DE SERRAGE**  
 [72] CASTELLANOS, PETER, AU  
 [71] INVENTION HOLDINGS PTY LTD., AU  
 [85] 2004-05-07  
 [86] 2002-11-11 (PCT/AU2002/001520)  
 [87] 2003-05-15 (WO2003/040605)  
 [30] AU (PR 8740) 2001-11-09

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[13] A1

[51] Int.Cl. 7B02C 19/12 7B09B 3/00  
 7A61L 11/00  
 [25] EN  
**[54] WASTE TREATMENT APPARATUS**  
**[54] APPAREIL DE TRAITEMENT DES DECHETS**  
 [72] BUTLER, MARK HENRY, AU  
 [71] MEDIVAC TECHNOLOGY PTY LIMITED, AU  
 [85] 2004-05-07  
 [86] 2002-12-11 (PCT/AU2002/001674)  
 [87] 2003-06-19 (WO2003/049863)  
 [30] AU (PR 9551) 2001-12-11

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**[21] 2,466,564**

[13] A1

[51] Int.Cl. 7F28D 7/02 7B21D 53/02  
 7F28F 27/02  
 [25] EN  
**[54] A HEAT EXCHANGER, COMBINATION WITH HEAT EXCHANGER AND METHOD OF MANUFACTURING THE HEAT EXCHANGER**  
**[54] ECHANGEUR DE CHALEUR, DISPOSITIF COMPRENANT UN ECHANGEUR DE CHALEUR ET PROCEDE DE FABRICATION DE CET ECHANGEUR DE CHALEUR**  
 [72] SPENDER-ANDERSEN, NIELS, DK  
 [72] JORGENSEN, LARS SKYTTE, DK  
 [72] NIELSEN, BODIL IRENE MOSEKAER, DK  
 [71] AALBORG INDUSTRIES A/S, DK  
 [85] 2004-05-07  
 [86] 2002-11-07 (PCT/DK2002/000748)  
 [87] 2003-05-15 (WO2003/040641)  
 [30] DK (PA 2001 01661) 2001-11-09

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[13] A1

[51] Int.Cl. 7F04D 27/00 7F04B 49/00  
 7F04D 19/04 7F04C 29/10  
 [25] EN  
**[54] VACUUM PUMP**  
**[54] POMPE A VIDE**  
 [72] BEYER, CHRISTIAN, DE  
 [72] BREZINA, JURGEN, DE  
 [72] BOY, HERMANN, DE  
 [71] LEYBOLD VAKUUM GMBH, DE  
 [85] 2004-05-07  
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 [87] 2003-05-15 (WO2003/040568)  
 [30] DE (201 18 185.1) 2001-11-09

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[13] A1

[51] Int.Cl. 7D21F 11/00  
[25] EN  
[54] METHOD AND APPARATUS FOR FOAM FORMING  
[54] PROCEDE ET APPAREIL DE FORMATION DE MOUSSE  
[72] ROKMAN, KAY, FI  
[72] LAINE, EINO, FI  
[72] KOSTAMO, HARRI, FI  
[72] BLOMQVIST, RAINER, FI  
[71] AHLSTROM GLASSFIBRE OY, FI  
[85] 2004-05-07  
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[87] 2003-05-15 (WO2003/040469)  
[30] FI (20012168) 2001-11-09

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[13] A1

[51] Int.Cl. 7A61K 31/445 7A61P 11/00  
7A61K 47/12 7A61K 9/16 7A61K 9/20  
7A61K 47/26 7A61K 47/30  
[25] EN  
[54] ORODISPERSIBLE TABLETS CONTAINING FEXOFENADINE  
[54] COMPRIMES ORODISPERSIBLES CONTENANT DU FEXOFENADINE  
[72] MARECHAL, DOMINIQUE, CA  
[72] FAHAM, AMINA, CA  
[72] CHENEVIER, PHILIPPE, CA  
[71] ETHYPHARM, FR  
[85] 2004-05-07  
[86] 2002-11-14 (PCT/EP2002/014917)  
[87] 2003-05-22 (WO2003/041683)  
[30] US (09/995,975) 2001-11-16

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**[21] 2,466,582**  
[13] A1

[51] Int.Cl. 7E21B 43/08 7B01D 29/11  
[25] EN  
[54] WELL SCREEN ASSEMBLY  
[54] ENSEMBLE FILTRE DE PUITS  
[72] SETTERBERG, JOHN RICHARD JR., US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2004-05-07  
[86] 2002-11-05 (PCT/GB2002/005041)  
[87] 2003-05-15 (WO2003/040519)  
[30] US (10/007,862) 2001-11-09

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**[21] 2,466,586**  
[13] A1

[51] Int.Cl. 7E04F 19/06 7E04F 15/02  
[25] EN  
[54] TRANSITION MOLDING  
[54] MOULAGE DE TRANSITION  
[72] STANCHFIELD, OLIVER, US  
[71] PERGO (EUROPE) AB, SE  
[85] 2004-05-07  
[86] 2002-11-01 (PCT/IB2002/004737)  
[87] 2003-05-15 (WO2003/040492)  
[30] US (09/986,414) 2001-11-08

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**[21] 2,466,587**  
[13] A1

[51] Int.Cl. 7B65B 43/12 7B65B 9/08  
7B65B 43/26  
[25] EN  
[54] METHOD AND APPARATUS FOR PACKING OF ITEMS  
[54] PROCEDE ET APPAREIL D'EMBALLAGE D'OBJETS  
[72] RASMUSSEN, JOHANNES, DK  
[72] AHRENFELDT, HENRIK, DK  
[71] SCHUR PACKAGING SYSTEMS A/S, DK  
[85] 2004-05-07  
[86] 2002-10-07 (PCT/DK2002/000671)  
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[30] DK (PA 2001 01481) 2001-10-08

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[13] A1

[51] Int.Cl. 7G01N 27/12 7G01N 33/00  
[25] EN  
[54] THIN FILM ETHANOL SENSOR AND A PROCESS FOR THE PREPARATION  
[54] DETECTEUR D'ETHANOL A COUCHE MINCE ET PROCEDE DE PREPARATION ASSOCIE  
[72] KUMAR, VIPIN, IN  
[72] GUPTA, HEREMBA PRASAD, IN  
[72] JAIN, KIRAN, IN  
[72] RASTOGI, ALOK CHANDRA, IN  
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
[85] 2004-05-07  
[86] 2002-01-01 (PCT/IN2002/000001)  
[87] 2003-05-15 (WO2003/040716)  
[30] US (10/045,472) 2001-11-08

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**[21] 2,466,594**  
[13] A1

[51] Int.Cl. 7G01S 5/00 7G01C 23/00  
[25] EN  
[54] METHOD FOR MONITORING THE MOVEMENTS OF INDIVIDUALS IN AND AROUND BUILDINGS, ROOMS AND THE LIKE, AND DIRECTION TRANSMITTER FOR EXECUTION OF THE METHOD AND OTHER APPLICATIONS  
[54] PROCEDE DESTINE A SURVEILLER LES MOUVEMENTS DES INDIVIDUS A L'INTERIEUR ET AUTOOUR DE BATIMENTS, DE CHAMBRES ET ANALOGUE, ET TRANSMETTEUR DE DIRECTION PERMETTANT L'EXECUTION DU PROCEDE ET AUTRES APPLICATIONS  
[72] NYFELT, LEIF, SE  
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[71] BENGTSSON, JAN, SE  
[85] 2004-05-07  
[86] 2002-10-29 (PCT/SE2002/001967)  
[87] 2003-05-15 (WO2003/040751)  
[30] SE (0103727-4) 2001-11-09

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**[21] 2,466,660**  
[13] A1

[51] Int.Cl. 7B29B 9/02 7B29C 43/02  
7B65D 47/08  
[25] EN  
[54] COMPRESSION MOLDING PROCESS AND ARTICLE MADE BY THE PROCESS  
[54] PROCEDE DE MOULAGE PAR COMPRESSION ET ARTICLE PRODUIT AU MOYEN DUDIT PROCEDE  
[72] LAY, DIETER F., US  
[72] NEJAD, BEN, US  
[72] MUELLER, BRUCE M., US  
[71] SEAQUIST CLOSURES FOREIGN, INC., US  
[85] 2004-05-10  
[86] 2002-11-08 (PCT/US2002/035792)  
[87] 2003-07-17 (WO2003/057441)  
[30] US (10/036,761) 2001-12-21

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[21] 2,466,663  
[13] A1

[51] Int.Cl. 7G01N 33/50  
[25] EN  
[54] CHARACTERIZATION OF MOLECULES  
[54] CARACTERISATION DE MOLECULES  
[72] ZASLAVSKY, BORIS Y., US  
[72] CHAIT, ARNON, US  
[71] ANALIZA, INC., US  
[85] 2004-05-10  
[86] 2002-11-12 (PCT/US2002/036519)  
[87] 2003-05-22 (WO2003/042694)  
[30] US (60/336,895) 2001-11-12  
[30] US (60/352,473) 2002-01-28  
[30] US (60/361,661) 2002-03-04  
[30] US (60/412,754) 2002-09-23

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[21] 2,466,665  
[13] A1

[51] Int.Cl. 7A61K 31/50 7A61K 31/445  
7A61K 31/497  
[25] EN  
[54] METHOD TO TREAT CYSTIC FIBROSIS  
[54] PROCEDE DE TRAITEMENT DE LA MUCOVISCIDOSE  
[72] HIGGINS, LINDA S., US  
[72] PROTTER, ANDREW A., US  
[72] LIU, DAVID Y., US  
[71] SCIOS INC., US  
[85] 2004-05-07  
[86] 2002-11-08 (PCT/US2002/035939)  
[87] 2003-05-22 (WO2003/041644)  
[30] US (60/338,209) 2001-11-09

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[21] 2,466,666  
[13] A1

[51] Int.Cl. 7H02M 7/00 7H02J 13/00  
[25] FR  
[54] SYSTEME DE COMMANDE A ARCHITECTURE DISTRIBUEE POUR CONVERTISSEURS STATIQUES DE PUISSANCE  
[54] DISTRIBUTED ARCHITECTURE CONTROL SYSTEM FOR STATIC POWER INVERTERS  
[72] THOMAS, JEAN-LUC, FR  
[72] BAUDESSON, PHILIPPE, FR  
[72] LAVIEVILLE, JEAN-PAUL, FR  
[71] AREVA T&D SA, FR  
[85] 2004-05-07  
[86] 2002-11-15 (PCT/FR2002/003925)  
[87] 2003-05-22 (WO2003/043168)  
[30] FR (01/14859) 2001-11-16

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[13] A1

[51] Int.Cl. 7H04N 7/173 7G06F 15/16  
7G06F 15/173  
[25] EN  
[54] GRAPHIC USER INTERFACE ALTERNATE DOWNLOAD OPTIONS FOR UNAVAILABLE PRM CONTENT  
[54] OPTIONS SUPPLEMENTAIRES DE TELECHARGEMENT VERS L'AVAL D'INTERFACE UTILISATEUR GRAPHIQUE POUR CONTENU DE SUPPORT ENREGISTRABLE POUVANT ETRE ACHETE NON DISPONIBLE  
[72] RODRIGUEZ, ARTURO A., US  
[71] SCIENTIFIC-ATLANTA, INC., US  
[85] 2004-05-10  
[86] 2002-11-12 (PCT/US2002/036291)  
[87] 2003-05-22 (WO2003/042787)  
[30] US (10/008,429) 2001-11-13

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[21] 2,466,672  
[13] A1

[51] Int.Cl. 7H04Q 11/00  
[25] EN  
[54] OPTICAL CROSSBAR SWITCH  
[54] COMMUTATEUR CROSSBAR OPTIQUE  
[72] HALL, TREVOR JAMES, GB  
[71] UNIVERSITY OF OTTAWA, CA  
[85] 2004-05-07  
[86] 2002-11-06 (PCT/GB2002/004990)  
[87] 2003-05-15 (WO2003/041421)  
[30] GB (0126822.6) 2001-11-07

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[21] 2,466,673  
[13] A1

[51] Int.Cl. 7C02F 1/14  
[25] EN  
[54] DEVICE FOR RECOVERING DRINKING WATER FROM CONDENSATE AS WELL AS A METHOD AND A DEEP-DRAWING DIE FOR PRODUCTION OF SAID DEVICE  
[54] DISPOSITIF DE RECUPERATION D'EAU POTABLE A PARTIR DE CONDENSAT, PROCEDE ET OUTILLAGE D'EMBOUTISSAGE PROFOND PERMETTANT DE FABRIQUER L'EDIT DISPOSITIF  
[72] AUGUSTIN, STEPHAN, DE  
[71] AUGUSTIN, STEPHAN, DE  
[85] 2004-05-07  
[86] 2002-11-07 (PCT/EP2002/012441)  
[87] 2003-05-15 (WO2003/040040)  
[30] DE (101 55 080.4) 2001-11-09

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[21] 2,466,674  
[13] A1

[51] Int.Cl. 7A61F 2/44 7A61F 2/46  
[25] EN  
[54] INTERVERTEBRAL DISC PROSTHESIS  
[54] PROTHESE DE DISQUE INTERVERTEBRAL  
[72] WARDLAW, DOUGLAS, GB  
[71] ABERDEEN ORTHOPAEDIC DEVELOPMENTS LIMITED, GB  
[85] 2004-05-07  
[86] 2002-11-19 (PCT/GB2002/005210)  
[87] 2003-05-30 (WO2003/043535)  
[30] GB (0127697.1) 2001-11-19

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[21] 2,466,696  
[13] A1

[51] Int.Cl. 7A61K 6/00 7A61K 7/00  
7A61K 9/00  
[25] EN  
[54] MICROMESH INTERPROXIMAL DEVICES  
[54] DISPOSITIFS A MICRO-MAILLES POUR LES FACES INTERPROXIMALES  
[72] BROWN, DALE G., US  
[72] HILL, IRA D., US  
[71] INTERNATIONAL TAPE PARTNERS LLC, US  
[85] 2004-05-10  
[86] 2002-12-11 (PCT/US2002/039402)  
[87] 2003-08-21 (WO2003/068173)  
[30] US (10/073,682) 2002-02-11

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[21] 2,466,704  
[13] A1

[51] Int.Cl. 7H04L 9/00 7H04L 29/06  
[25] EN  
[54] METHOD AND SYSTEM FOR SECURELY STORING AND TRANSMITTING DATA BY APPLYING A ONE-TIME PAD  
[54] PROCEDE ET SYSTEME DE STOCKAGE ET DE TRANSMISSION DE DONNEES SECURISEES PAR APPLICATION D'UNE CLE BLOC UNE FOIS  
[72] GLEICHAUF, PAUL, US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-05-10  
[86] 2003-01-29 (PCT/US2003/002807)  
[87] 2003-08-14 (WO2003/067808)  
[30] US (10/061,901) 2002-02-01

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[21] 2,466,706  
[13] A1

[51] Int.Cl. 7H01F 17/06 7H01J 29/70  
[25] EN  
[54] CONTROLLED INDUCTION DEVICE AND METHOD OF MANUFACTURING  
[54] DISPOSITIF A INDUCTION CONTROLEE ET PROCEDE DE FABRICATION  
[72] KIKO, FREDERICK J., US  
[71] EXCELSUS TECHNOLOGIES, INC., US  
[85] 2004-05-07  
[86] 2002-11-13 (PCT/US2002/036596)  
[87] 2003-05-22 (WO2003/043034)  
[30] US (10/000,877) 2001-11-14

[21] 2,466,724  
[13] A1

[51] Int.Cl. 7C07D 253/075 7A61P 31/00  
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[25] EN  
[54] BENZAMIDE AND HETEROARYLAMIDE AS P2X7 RECEPTOR ANTAGONISTS  
[54] BENZAMIDE ET HETEROARYLAMIDE UTILISES COMME ANTAGONISTES DU RECEPTEUR P2X7  
[72] DUPLANTIER, ALLEN JACOB, US  
[72] SUBRAMANYAM, CHAKRAPANI, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-05-10  
[86] 2002-11-04 (PCT/IB2002/004613)  
[87] 2003-05-22 (WO2003/042191)  
[30] US (60/336,781) 2001-11-12

[21] 2,466,730  
[13] A1

[51] Int.Cl. 7A61F 2/16  
[25] EN  
[54] FLEXIBLE INTRA-OCULAR LENS OF VARIABLE FOCUS  
[54] LENTILLE INTRAOCULAIRE SOUPLE A FOCALE VARIABLE  
[72] DOMINO, RUDOLPH, US  
[71] DOMINO, RUDOLPH, US  
[85] 2004-05-10  
[86] 2001-11-13 (PCT/US2001/047313)  
[87] 2002-05-16 (WO2002/039147)  
[30] US (09/710,361) 2000-11-10

[21] 2,466,743  
[13] A1

[51] Int.Cl. 7H01Q 3/26 7H01Q 5/00  
7H01Q 3/08 7H01Q 3/20 7H01Q 1/32  
[25] EN  
[54] ANTENNA ARRAY FOR MOVING VEHICLES  
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[30] US (60/345,065) 2001-11-09

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[54] SYSTEME ET PROCEDE DESTINES A DETERMINER LA MESURE DE MOBILITE D'UN DISPOSITIF D'ABONNE DANS UN SYSTEME DE TELECOMMUNICATION  
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[21] 2,466,806  
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[54] PROCEDE DE RESOLUTION DE RACEMATE D'AMLODIPINE  
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[72] ZLOTA, ANDREI A., US  
[72] WILKINSON, HAROLD S., US  
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[54] BENZIMIDAZOLE DERIVATIVES AND THEIR USE AS KDR PROTEIN KINASE INHIBITORS  
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[72] GAUZY-LAZO, LAURENCE, FR  
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[54] GEOMETRIE D'ENDOPROTHESE A FLEXIBILITE AMELIOREE  
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[71] BOSTON SCIENTIFIC LIMITED, BB  
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[25] EN  
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[54] INHIBITEURS PDE9 UTILISES DANS LE TRAITEMENT DES TROUBLES CARDIO-VASCULAIRES  
[72] KEMP, MARK IAN, GB  
[72] PALMER, MICHAEL JOHN, GB  
[72] WOOD, ANTHONY, GB  
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[72] DENINNO, MICHAEL PAUL, US  
[71] PFIZER INC., US  
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[25] EN  
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[54] PROCEDE PERMETTANT D'EVALUER UN DOSAGE OPTIMAL D'AGENTS ANTIMOUSSE DANS UN PROCESSUS DE FERMENTATION  
[72] DE HAUT, CHRISTIAN, FR  
[72] MOLITOR, JEAN-PIERRE, DE  
[72] ABRIBAT, BENOIT, US  
[72] MERLET, STEPHANIE, FR  
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[71] AMNIOTEC INC., JP  
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[54] APPAREIL ET PROCEDE DE COMMUNICATION BIDIRECTIONNELLE SEMI-PASSIVE DANS UN TROU DE FORAGE  
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[25] EN  
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[72] GEAGA, JORGE, US  
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[54] ARTICLES ABSORBANTS DOTES D'UNE EXTENSIBILITE AMELIOREE  
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[72] JOHNSON, BETSY, US  
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[25] EN  
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[54] PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA DOULEUR ET AUTRES SYMPTOMES LIES A L'ALLERGIE HORMONALE AU MOYEN DE SOLUTIONS HORMONALES DILUEES  
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[25] EN  
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[54] TRAITEMENT DE TROUBLES NEURODEGENERATIFS ET CARDIOVASCULAIRES  
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[72] FARLOW, MARTIN R., US  
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[54] MODULE ET PROCEDE DE MESURE D'ECOULEMENT  
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[72] ADAMS, PUAL ROBERT, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
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 [54] DISPOSITIF DOTE DE  
 PROPRIETES OSTEINDUCTIVES ET  
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 [72] HAPPERSBERGER, PETER, DE  
 [72] KOHNERT, ULRICH, DE  
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 CRYOGENICALLY ACCUMULATED  
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 [54] CHAMP MAGNETIQUE DE  
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 [72] KUZMA, NICHOLAS N., US  
 [72] NELSON, IAN, US  
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 [25] EN  
 [54] PORTABLE COMMUNICATION  
 DEVICE USED AS AN ACCESSORY  
 FOR A MOBILE COMMUNICATION  
 SYSTEM  
 [54] DISPOSITIF DE  
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 [72] CLAXTON, BRUCE A., US  
 [72] JACKSON, CHARLES F., US  
 [72] CECCHIN, ANTHONY J., US  
 [72] RICHARDS, SCOTT H., US  
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 MULTIPLE PASSENGER CAPACITY  
 [54] VTT AVEC POSITIONNEMENT DU  
 CONDUCTEUR AMELIORE ET  
 CAPACITE EN PASSAGERS SIMPLE  
 OU MULTIPLE  
 [72] RONDEAU, PIERRE, CA  
 [72] PORTELANCE, MARTIN, CA  
 [72] GAGNON, CLAUDE, CA  
 [72] GAGNE, MARTIN, CA  
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 [54] SYSTEME ET PROCEDE DE MISE  
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 [71] ELOT, INC., AND ELOTERY, INC.,  
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 IMPROVEMENT  
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 [54] ANIMAL MODELE NON HUMAIN  
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 [72] NAKAMURA, AKIRA, JP  
 [72] TAKAI, TOSHIYUKI, JP  
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DEPROTECTION

[54] REACTIFS DE CLIVAGE ET DE  
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[71] APPLERA CORPORATION, US

[85] 2003-09-04

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[54] APPAREIL ET PROCEDE D'ESSAI DE CATALYSEURS  
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[54] MACHINE DE SOUDAGE  
[72] FUJITA, SHIGEO, JP  
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[71] OVERLAND STORAGE, INC., US  
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[54] MULTICOLORED LED LIGHTING METHOD AND APPARATUS  
[54] PROCEDE ET DISPOSITIF POUR ECLAIRAGE MULTICOLORE A DIODES ELECTROLUMINESCENTES  
[72] MUELLER, GEORGE G., US  
[72] LYS, IHOR A., US  
[71] COLOR KINETICS INCORPORATED, US  
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[51] Int.Cl. 7G06F 17/60 7G06F 19/00  
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[25] EN  
[54] LIGHT FIXTURE MANAGEMENT SYSTEM  
[54] SYSTEME DE GESTION D'APPAREILS D'ECLAIRAGE  
[72] JEFFERY, CLARK R., CA  
[71] JEFFERY, CLARK R., CA  
[22] 2000-04-28  
[41] 2000-10-02  
[62] 2,307,153

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[21] 2,466,956  
[13] A1

[51] Int.Cl. 7G01R 22/00  
[25] EN  
[54] PROGRAMMABLE ELECTRICAL ENERGY METER AND METHODS THEREFORE  
[54] COMPTEUR D'ENERGIE ELECTRIQUE PROGRAMMABLE ET LE FONCTIONNEMENT DE CELUI-CI  
[72] MUNDAY, MARK L., US  
[72] HEMMINGER, RODNEY C., US  
[71] ELSTER ELECTRICITY, LLC, US  
[22] 1992-11-05  
[41] 1993-09-02  
[62] 2,286,992  
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[13] A1

[51] Int.Cl. 7H01M 8/04  
[25] EN  
[54] SYSTEM AND METHOD FOR CONTROLLING OPERATION OF A FUEL PROCESSING SYSTEM  
[54] SYSTEME ET PROCEDE PERMETTANT DE COMMANDER LE FONCTIONNEMENT D'UN SYSTEME DE TRAITEMENT DE COMBUSTIBLE  
[72] EDLUND, DAVID J., US  
[72] HERRON, THOMAS G., US  
[72] PLEDGER, WILLIAM A., US  
[71] IDATECH, LLC, US  
[22] 2000-09-21  
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[62] 2,374,359  
[30] US (09/414,049) 1999-10-06

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[13] A1

[51] Int.Cl. 7C09K 5/04 7F25B 9/00  
[25] EN  
[54] IMPROVED NONAZEOTROPIC WORKING FLUID MEDIA FOR USE IN THERMODYNAMIC CYCLE APPLICATIONS  
[54] FLUID DE TRAVAIL NONAZEOTROPIQUE AMELIORE UTILISE DANS LES APPLICATIONS A CYCLE THERMODYNAMIQUE  
[72] GU, CHU-JUN, CN  
[71] GREEN ENGINEERING LIMITED, GB  
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[25] FR  
[54] SEQUENCES NUCLEIQUES ISSUES DU GENOME DE SALMONELLA TYPHI, ET LEURS UTILISATIONS NOTAMMENT POUR LE DIAGNOSTIC IN VITRO DE LA PRESENCE DE BACTERIES DU GENRE SALMONELLA DANS LES PRODUITS ALIMENTAIRES  
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[72] DION, MICHEL PIERRE, FR  
[72] POPOFF, MICHAEL YVAN, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR  
[71] INSTITUT PASTEUR, FR  
[22] 1991-07-11  
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[54] SURGICAL DRILL  
[54] FORET CHIRURGICAL  
[72] LIZARDI, JOSE E., US  
[72] MELOUL, RAOHAEL F., US  
[71] JOHNSON & JOHNSON PROFESSIONAL, INC., US  
[22] 1994-03-01  
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[13] A1

[51] Int.Cl. 7C07K 16/18 7C12P 21/08  
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[25] EN  
[54] B1K CHAIN OF LAMININ AND METHODS OF USE  
[54] CHAINE B1K DE LAMININE ET PROCEDES D'UTILISATION  
[72] BURGESON, ROBERT E., US  
[72] WAGMAN, DAVID WOLFE, US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[71] THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON HEALTH SCIENCES UNIVERSITY, US  
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[21] 2,467,866  
[13] A1

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[25] EN  
[54] CIRCULAR ANASTOMOSIS DEVICE  
[54] DISPOSITIF CIRCULAIRE POUR ANASTOMOSE  
[72] ROBERTSON, JOHN CHARLES, US  
[72] VIOLA, FRANK J., US  
[71] UNITED STATES SURGICAL CORPORATION, US  
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[13] A1

[51] Int.Cl. 7A61K 31/138 7A61M 15/00  
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[25] EN  
[54] METERED DOSE INHALER FOR SALMETEROL  
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[72] BRITTO, IGNATIUS LOY, US  
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[13] A1

[51] Int.Cl. 7A61F 5/08  
[25] EN  
[54] NON-LINEAR NASAL DILATOR  
[54] DILATATEUR NASAL NON LINEAIRE  
[72] LUNDY, CHARLES E., US  
[72] WILDMAN, GARY C., US  
[72] MUCHIN, JEROME D., US  
[71] LUNDY, CHARLES E., US  
[71] MUCHIN, JEROME D., US  
[71] WILDMAN, GARY C., US  
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 [13] A1  
 [51] Int.Cl. 7G01N 33/543 7G01N 33/48  
 [25] EN  
 [54] METHOD FOR ASSAY OF  
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 [54] PROCEDES DE DETECTION  
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 [72] NODA, ATSUNARI, JP  
 [72] KATSURAGI, KIYONORI, JP  
 [72] AKAMATSU, SUGURU, JP  
 [72] TAKAHASHI, SHIGEO, JP  
 [72] ODA, TETSUYA, JP  
 [72] TACHIKAWA, TETSUYA, JP  
 [72] MACHIKAWA, FUSAICHI, JP  
 [71] OTSUKA PHARMACEUTICAL CO.,  
 LTD., JP  
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 [13] A1  
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 [54] SYNTHESIS OF VINYL ETHERS,  
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 [54] SYNTHESE D'ETHERS D'ARYLE,  
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 [72] WOLFE, JOHN P., US  
 [72] PALUCKI, MICHAEL, US  
 [72] BUCHWALD, STEPHEN L., US  
 [71] MASSACHUSETTS INSTITUTE OF  
 TECHNOLOGY, US  
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 [30] US (08/728,449) 1996-10-10

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 [13] A1  
 [51] Int.Cl. 7C07H 21/02 7C07H 21/00  
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 [25] EN  
 [54] PROCESS FOR PURIFYING  
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 [54] PROCEDE DE PURIFICATION DE  
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 [72] USMAN, NASSIM, US  
 [72] MATULIC-ADAMIC, JASENKA, US  
 [72] KISICH, KEVIN, US  
 [72] MODAK, ANIL, US  
 [72] MCSWIGGEN, JAMES A., US  
 [72] WINCOTT, FRANCINE E., US  
 [72] WOOLF, TOD, US  
 [72] KARPEISKY, ALEXANDER, US  
 [72] PAVCO, PAMELA, US  
 [72] GRIMM, SUSAN, US  
 [72] BEIGELMAN, LEONID, US  
 [72] SULLIVAN, SEAN M., US  
 [72] TRACZ, DANUTA, US  
 [72] THOMPSON, JAMES D., US  
 [72] CHOWRIRA, BHARAT, US  
 [72] DUDYCZ, LECH W., US  
 [72] STINCHCOMB, DAN T., US  
 [72] SWEEDLER, DAVID, US  
 [72] DRAPER, KENNETH G., US  
 [72] DIRENZO, ANTHONY, US  
 [71] RIBOZYME PHARMACEUTICALS,  
 INC., US  
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 [30] US (08/201,109) 1994-02-23  
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 [30] US (08/222,795) 1994-04-04  
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 [30] US (08/245,736) 1994-05-18  
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 [30] US (08/293,520) 1994-08-19  
 [30] US (08/300,000) 1994-09-02  
 [30] US (08/303,039) 1994-09-08  
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 [30] US (08/314,397) 1994-09-28  
 [30] US (08/316,771) 1994-10-03  
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 [30] US (08/321,993) 1994-10-11  
 [30] US (08/334,847) 1994-11-04  
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 [30] US (08/334,516) 1994-11-28  
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 [30] US (08/363,233) 1994-12-23  
 [30] US (08/380,734) 1995-01-30

[21] **2,468,090**  
 [13] A1  
 [51] Int.Cl. 7F16B 41/00 7F16B 37/00  
 [25] EN  
 [54] ONE-WAY NUT FASTENER  
 [54] ECROU INDESSERRABLE  
 [72] FULLER, CHRISTOPHER, US  
 [71] APCOM, INC., US  
 [22] 2002-09-06  
 [41] 2003-05-16  
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 [30] US (09/988,080) 2001-11-16

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HALLIBURTON ENERGY		INVACARE CORPORATION	2,239,690	LA-Z-BOY INCORPORATED	2,286,611
SERVICES, INC.	2,234,199	ITO, NORIO	2,400,496	LEE, HYUN IL	2,320,233
HALLIBURTON ENERGY		ITO, SHINJI	2,098,701	LEE, JIN HO	2,320,233
SERVICES, INC.	2,288,560	IWAMOTO, MUNE	2,249,087	LEE, SUN HWA	2,320,233
HALLIBURTON ENERGY		IZUMI, YOSHIO	2,228,108	LEE, VING J.	2,103,861
SERVICES, INC.	2,367,023	JANSON, STEVEN L.	2,302,927	LEE, WY PERON	2,262,332
HALLIBURTON ENERGY		JANSSON, MARK LARS	2,233,970	LEGRAND, EMMANUEL	2,253,676
SERVICES, INC.	2,444,588	JEFFERY, HERBERT	2,272,133	LEI, TIAN	2,159,016
HAMEISTER, WILLIAM A.	2,358,616	JENSEN, DAVID L.	2,189,212	LERMITE, CHRISTOPHE	2,112,639
HANSSLER, GERD	2,243,591	JOHNSON, DEBORAH F.	2,162,270	LG CHEMICAL LTD.	2,320,233
HARPER, CHRISTOPHER	2,179,033	JONES, TIMOTHY G. J.	2,190,811	LINDE, ROBERT GERALD II	2,331,261
HARRIS, PHILLIP C.	2,234,199	JURVANEN, JARI	2,267,461	LIQUI-BOX CANADA INC.	2,116,798
HASEGAWA, SHINYA	2,400,496	JUUSELA, PETRI	2,235,005	LIZARDI, JOSE E.	2,307,773
HASSELAAR, MELIS	2,155,574	K-2 CORPORATION	2,350,938	LOMBARDI, ALESSANDRO	2,157,002
HAWKINS, JOEL MICHAEL	2,268,679	KABUSHIKI KAISHA KOBE		LOPRESTI-MORROW, LORI	
HAYNES, BRYAN DAVID	2,238,440	SEIKO SHO	2,272,730	LYNN	2,251,197
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DRUCKMASCHINEN AG	2,358,616	TOSHIBA	2,282,441	L'OREAL	2,216,950
HEINEMANN, ULRICH	2,243,591	KAMATA, SUSUMU	2,124,136	LOU, KEN-AN	2,245,767
HENSLER, THOMAS		KAPLAN, ANDREAS	2,273,030	LOUIS, JEFFREY S.	2,345,601
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LUDWIG, BARBARA ANN	2,286,773	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,253,570	PILKINGTON GLASS LIMITED	2,103,468
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MAAHS, TRACY D.	2,289,685	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,249,087	PRINCE, STEVEN RICHARD	2,215,824
MACCALLUM, HAAKON	2,244,692	MITSUBOSHI BELTING LTD.	2,352,589	PUGINIER, JEROME	2,056,371
MACHER, INGOLF	2,103,072	MITSUI CHEMICALS INC.	2,129,261	PULVER, DALE A.	2,239,690
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FORT, W. GRADY II	2,455,094	HODALI, NADER	2,453,727	KUEHLMANN, JOSEF	2,454,956
FORT, W. GRADY II	2,455,104	HOFER, GILBERT	2,419,331	KULTGEN, RAYMOND J.	2,454,752
FOUGERE, MYLES J.	2,415,427	HOFFMAN, COREY	2,454,840	KUMAR, AJITH K.	2,454,739
FOUGERE, ROBERT VINCENT	2,415,427	HOLDEN, CLEMENT JAMES	2,415,905	KUNG, WILLIAM	2,415,668
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GERBER, RICKY L.	2,449,537	ITO, HIDEKI	2,444,757	LEUSNER, STEVEN J.	2,454,741
GERBER, RICKY L.	2,449,548	ITW GEMA AG	2,453,866	LIN, YVONNE	2,455,023
GERBER, RICKY L.	2,450,120	J & R LIVESTOCK CONSULTANTS LTD.	2,419,331	LIU, IAN	2,452,937
GERRITSEN, JOHN T.	2,416,370	JAMISON DOOR COMPANY	2,451,348	LOUIE, GARY	2,453,724
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atrium medical corporation	2,466,432	BIOCRYST PHARMACEUTICALS, INC.	2,466,301	CALYPSO MEDICAL TECHNOLOGIES, INC.
AUGUSTIN, STEPHAN	2,466,673	BIOGEN, INC.	2,464,887	CARRY, JEAN-CHRISTOPHE
AVENTIS PHARMA S.A.	2,465,691	BIOPULPING INTERNATIONAL, INC.	2,466,505	CARRY, JEAN-CHRISTOPHE
AVENTIS PHARMA S.A.	2,465,695	BIOVITRUM AB	2,466,490	CARRY, JEAN-CHRISTOPHE
AVENTIS PHARMA S.A.	2,465,877	BIOVITRUM AB	2,466,491	CARRY, JEAN-CHRISTOPHE
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CHUBU ELECTRIC POWER CO., INC.	2,466,484	DOW GLOBAL TECHNOLOGIES INC.	2,465,048	FOSTER WHEELER USA	
CISCO TECHNOLOGY, INC.	2,466,704	DRISCOLL, PAUL	2,465,377	CORPORATION	2,466,485
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CONNEELY, ORLA	2,464,887	EDINGER, SHLOMIT R.	2,465,239	GAGNON, CLAUDE	2,467,537
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