

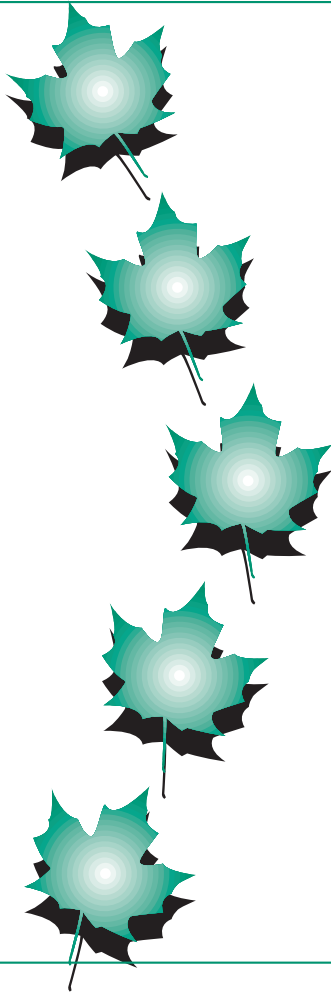


**Canadian  
Intellectual Property  
Office**

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**Office de la propriété  
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Un organisme  
d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 127, No. 45 November 9, 1999

Vol. 127, N° 45 le 9 novembre 1999

**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

P. Trépanier  
Acting Commissioner of Patents

P. Trépanier  
Commissaire intérimaire aux brevets

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Le Bureau des brevets 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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Starting with the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) will no longer be managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

The POR has been made available, free of charge, on CIPO's website at [cipo.gc.ca](http://cipo.gc.ca) since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have a choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until March 31, 2000, after which copies will be available for a fee.

To facilitate this transition, CIPO will automatically supply paper copies of the November editions of the *Patent Office Record* to all current subscribers. Clients who wish to continue receiving copies of this publication after November 30, 1999 should contact our office by November 15, 1999.

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### Avis important aux abonnés

Veuillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) cessera de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

Depuis avril 1999, on peut consulter ou télécharger la Gazette, sans frais, à partir du site Web de l'OPIC : [opic.gc.ca](http://opic.gc.ca). D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'au 31 mars, 2000, après quoi des frais s'appliqueront.

Pour faciliter cette transition, l'OPIC distribuera automatiquement à ses abonnés les numéros de novembre sur support papier de la *Gazette du Bureau des brevets*. Les personnes qui désirent recevoir des exemplaires papier après le 30 novembre 1999 doivent en aviser notre bureau avant le 15 novembre 1999.

Pour communiquer avec nous :

Site Web : <http://opic.gc.ca> sous la rubrique Communiquer avec nous, Demandes de renseignements reliés à la propriété intellectuelle

Courriel : [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca)

Téléphone : (819) 997-2985 (de 8h à 16h45 HNE)

Télécopieur : (819) 997-7771 (fonctionne 24 heures sur 24)

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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
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
  
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

A complete list of country codes has been published in the issue of October 26, 1999 and will be published twice a year in the last issues of April and October.

## 3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

## 4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

## 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

## 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 26 octobre 1999 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

## 3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

## 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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

### A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

## 6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914

Courriel: tic@micromedia.on.ca

### B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

## 6. Commandes de brevets par classe ou sous-classe

Micromedia Limited exécutera les commandes permanentes pour tous les brevets délivrés dans toute classe ou sous-classe. Les brevets délivrés après la date de la commande seront fournis. Le tarif annuel de ce service est de 150 \$ par classe.

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## Avis

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Numéro sans frais Amérique du Nord: 1-800-567-1914

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including both patents in force and expired patents, may be ordered at a price of 50¢ per page from the Patent Office.

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

### 7. 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-Hull, 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.

### 7. 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-Hull, 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.

### 8. 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-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### 8. 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-Hull, 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.

#### 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.

#### 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.

### 9. Patents Available for Licence or Sale

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

### 9. 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.

## Notices

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

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

2,018,930	2,024,099	2,074,027
2,105,020	2,129,197	2,132,762
2,135,505	2,160,500	2,171,855
2,204,193	2,223,903	

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,135,450 which issued on November 9, 1982 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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

### 13. Language of Published Documents

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

### 10. 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.

2,018,930	2,024,099	2,074,027
2,105,020	2,129,197	2,132,762
2,135,505	2,160,500	2,171,855
2,204,193	2,223,903	

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 9 novembre 1982 sont maintenant expirés, jusque et y compris le no. 1,135,450. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### 12. 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.

### 13. Langue du document publié

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



## Avis

### 14. Patent Cooperation Treaty (PCT)

### 14. Traité de coopération en matière de brevets (PCT)

#### SCHEDULE OF FEES APPLICABLE AS OF JULY 15, 1999

#### BARÈME DE TAXES À PARTIR DU 15 JUILLET 1999

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	641.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	148.00
The maximum that can be charged for the Designation Fee is \$1,480.00; therefore, if more than 10 countries are designated the fee remains \$1,480.00	

4. <b>International Search Fee</b>	1,874.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of 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. <b>Late Payment Fee</b>	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
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#### Preliminary Examination

6. <b>Handling Fee:</b> (Rule 57.2(a))	289.46 Deutsche Marks 148.00 Euro Dollars
7. <b>Preliminary Examination Fee:</b> (Rule 58)	2,998.29 Deutsche Marks 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

\* International fees will be reduced by \$197.00 for all applications filed using PCT-Easy.

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	641,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	148,00
Le maximum payable pour la taxe de désignation est de 1 480,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 480,00 \$.	

4. <b>Taxe de recherche internationale</b>	1 874,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale 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. <b>Taxe pour paiement tardif</b>	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
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#### Examen préliminaire

6. <b>Taxe de traitement:</b> (Règle 57.2(a))	289,46 marks allemands 148,00 dollars euro
7. <b>Taxe d'examen préliminaire:</b> (Règle 58)	2 998,29 marks allemands 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

\*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

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

#### **Patent Cooperation Treaty (PCT)**

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

### 16. Lay-Open Applications

The Patent Office Record of November 9, 1999 contains laid-open applications from October 17, 1999 - October 23, 1999.

### 15. Avis PCT

#### **Exigences des signatures du PCT**

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

#### **Traité de Coopération en matière de brevets (PCT)**

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

### 16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 17 octobre 1999 - 23 octobre 1999.

## Avis

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[51] Int.Cl. 6H04Q 11/04 6H04L 12/20  
[25] EN  
[54] METHOD FOR TRANSMITTING A  
DIGITAL BROADBAND SIGNAL IN A  
TRIBUTARY UNIT CONCATENATION  
VIA A NETWORK OF A  
SYNCHRONOUS DIGITAL  
MULTIPLEX HIERARCHY  
[54] METHODE POUR TRANSMETTRE  
UN SIGNAL NUMERIQUE A LARGE  
BANDE DANS UN GROUPEMENT  
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RESEAU APPARTENANT A UNE  
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SYSTEME DE TRANSFERT EN  
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[73] Telefonaktiebolaget LM Ericsson, SE  
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[87] (WO91/00658)  
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[11] **2,035,114**  
[13] C

[51] **Int.Cl. 6G01M 1/22 6G01B 11/00**  
[25] EN  
[54] **LIGHT SCANNING SYSTEM FOR  
MEASUREMENT OF ORIENTATION  
AND PHYSICAL FEATURES OF A  
WORKPIECE**  
[54] **SYSTEME DE BALAYAGE  
LUMINEUX SERVANT A  
DETERMINER L'ORIENTATION ET  
LES CARACTERISTIQUES  
PHYSIQUES D'UNE PIECE A USINER**  
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[72] Rogers, Steven W., US  
[72] Titsworth, Raymond, US  
[72] Christian, Donald J., US  
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[73] FMC CORPORATION, US  
[22] 1991-01-28  
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[13] C

[51] **Int.Cl. 6C09K 3/00 6F25C 3/04**  
[25] EN  
[54] **SNOW COMPOSITION AND  
METHOD FOR MAKING ARTIFICIAL  
SNOW**  
[54] **COMPOSITION DE NEIGE  
ARTIFICIELLE ET PROCEDE DE  
FABRICATION CONNEXE**  
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[72] Hirano, Kazuo, JP  
[72] Nate, Takayuki, JP  
[72] Kambayashi, Taiji, JP  
[72] Ohtsuka, Masahisa, JP  
[72] Nagai, Toshitake, JP  
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VARIABLE**  
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[72] Meyer, Gary D., US  
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[11] **2,036,504**  
[13] C

[51] **Int.Cl. 6C01F 5/30 6C08F 4/02 6C08F  
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[25] FR  
[54] **PARTICULES DE CHLORURE DE  
MAGNESIUM A STRUCTURE  
TRONCONIQUE, COMPOSANTE  
CATALYTIQUE SUPPORTEE SUR CES  
PARTICULES, POLYOLEFINES  
OBTENUES A PARTIR DE CETTE  
COMPOSANTE CATALYTIQUE,  
PROCEDES DE FABRICATION DE CE  
PRODUITS**  
[54] **TAPERED MAGNESIUM  
CHLORIDE PARTICLES, CATALYTIC  
COMPONENT SUPPORTED ON SAID  
PARTICLES, POLYOLEFINS THUS  
OBTAINED; METHOD OF  
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[72] Roche, Jean-Pierre, FR  
[73] ATOCHEM, FR  
[22] 1991-02-18  
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[13] C

[51] **Int.Cl. 5H04B 7/08**  
[25] EN  
[54] **DIVERSITY CIRCUIT AND FRAME  
PHASE (OR SAMPLING TIMING)  
ESTIMATION CIRCUIT USING THE  
DIVERSITY CIRCUIT**  
[54] **CIRCUIT FONCTIONNANT EN  
DIVERSITE ET CIRCUIT  
D'EVALUATION DE LA PHASE DE  
TRAME (OU DU TEMPS  
D'ECHANTILLONNAGE) UTILISANT  
CE CIRCUIT**  
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[22] 1991-03-08  
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[25] EN  
[54] **APPARATUS AND METHOD OF  
LOWERING NOX EMISSIONS USING  
DIFFUSION PROCESSES**  
[54] **APPAREIL ET METHODE DE  
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DIFFUSION**  
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[72] Winberg, Steven E., US  
[72] Gabrielson, James E., US  
[72] McMichael, James C., US  
[73] Consolidated Natural Gas Service  
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[22] 1991-03-21  
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[13] C

[51] **Int.Cl. 6C08L 1/08 6C03C 25/02  
6C08L 29/04 6C08L 39/06 6D21H 13/40**  
[25] EN  
[54] **CHEMICAL COMPOSITION TO  
PRODUCE WATER SOLUBLE  
CURABLE FILMS ON FIBROUS  
SURFACES AND SAID TREATED  
FIBERS**  
[54] **COMPOSITION CHIMIQUE  
DESTINEE A LA PRODUCTION DE  
PELLICULES DURCISSABLES ET  
HYDROSOLUBLES SUR DES  
SURFACES FIBREUSES ET FIBRES  
TRAITEES CONNEXES**  
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[73] PPG INDUSTRIES OHIO, INC., US  
[22] 1991-04-05  
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[51] **Int.Cl. 5H01Q 21/24 5H01Q 13/02**  
[25] EN  
[54] **DUAL BAND FREQUENCY REUSE  
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[54] **SYSTEME DE CHANGEMENT DE COMMANDE POUR VEHICULE HYDRAULIQUE**  
[72] Arii, Kazuyoshi, JP  
[72] Watanabe, Shiro, JP  
[72] Tsuji, Kazuhiko, JP  
[73] Kubota Corporation, JP  
[22] 1991-05-01  
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[30] JP (2-227339) 1990-08-28  
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[13] C  
[51] **Int.Cl. 6C12Q 1/62**  
[25] EN  
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[54] **REACTIF STABILISE A BASE D'ACIDE URIQUE**  
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[72] Kaufman, Richard Allen, US  
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[22] 1991-05-06  
[30] US (520,906) 1990-05-09

[11] **2,042,156**  
[13] C  
[51] **Int.Cl. 6G01N 7/04**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR MESURER L'ADSORPTION ET LA DESORPTION D'UN GAZ ADSORBE PAR UN ECHANTILLON SOLIDE AINSI QUE SON UTILISATION**  
[54] **PROCESS AND DEVICE FOR MEASURING ABSORPTION AND DESORPTION OF A GAZ ABSORBED BY A SOLID SAMPLE AND USE THEREOF**  
[72] Ajot, Hubert, FR  
[72] Joly, Jean François, FR  
[72] Garnier, Dominique Albert, FR  
[72] Marny, Felix, FR  
[72] Raatz, Francis, FR  
[72] Russmann, Colette, FR  
[73] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1991-05-09  
[30] FR (EN 90/05.871) 1990-05-09

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[13] C  
[51] **Int.Cl. 6C08L 7/00 6B60C 1/00 6C08L 15/02**  
[25] FR  
[54] **COMPOSITION ELASTOMERIQUE A MATRICE HALOGENOBUTYL RENFORCEE PAR UNE CHARGE MINERALE SILICEUSE ET SON UTILISATION DANS L'INDUSTRIE DES PNEUMATIQUES**  
[54] **ELASTOMERIC COMPOSITION HAVING AN HALOGENOBUTYL MATRIX REINFORCES WITH A SILICEOUS MINERAL FILLER, ITS USE IN THE TIRE INDUSTRY**  
[72] Machurat, Jean, FR  
[73] Rhone-Poulenc Chimie, FR  
[22] 1991-05-10  
[30] FR (90 05 887) 1990-05-11

[11] **2,044,780**  
[13] C  
[51] **Int.Cl. 5B67D 5/00**  
[25] EN  
[54] **AIR FRESHENER DISPENSER WITH REPLACEABLE CARTRIDGE EXHAUSTION ALARM**  
[54] **BOITIER D'ASSAINISSEUR D'AIR MUNI D'UN ELEMENT AVERTISSEUR SIGNALANT L'EPUISEMENT DE LA CARTOUCHE ACTIVE**  
[72] Steiner, Robert L., US  
[72] Holzner, Charles R., US  
[72] Hartman, Kenneth D., US  
[72] Owen, Donald B., US  
[73] Steiner Company, Inc., US  
[22] 1991-06-17  
[30] US (07/608,815) 1990-11-05

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[13] C  
[51] **Int.Cl. 6G11B 11/10 6G11B 13/04**  
[25] EN  
[54] **MAGNETO-OPTICAL DISK WITH LUBRICANT FILM**  
[54] **DISQUE MAGNETO-OPTIQUE AVEC PELLICULE LUBRIFIANTE**  
[72] Nakayama, Junichiro, JP  
[72] Katayama, Hiroyuki, JP  
[72] Ohta, Kenji, JP  
[73] Sharp Kabushiki Kaisha, JP  
[22] 1991-07-04  
[30] JP (2-178735) 1990-07-05  
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[11] **2,046,891**  
[13] C  
[51] **Int.Cl. 6B66C 13/46 6B66C 17/00**  
[25] EN  
[54] **TRANSPORT MEANS FOR TRANSPORTING PIECES THREE-DIMENSIONALLY**  
[54] **MECANISME DE TRANSPORT TRIDIMENSIONNEL**  
[72] Erikkilä, Jouni, FI  
[73] ERIKKILÄ NOSTOTEKNIKKAA OY, FI  
[85] 1991-08-08  
[86] 1990-02-16 (PCT/FI90/00051)  
[87] (WO90/09337)  
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[54] **DEBITMETRE**  
[72] Gimson, Christopher John, GB  
[72] Pasdari, Mehran, GB  
[73] ENDRESS & HAUSER LIMITED, GB  
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[87] (WO90/09567)  
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[11] **2,048,499**  
[13] C  
[51] **Int.Cl. 6G11B 11/10 6G11B 13/04**  
[25] EN  
[54] **MAGNETO-OPTICAL RECORDING DEVICE**  
[54] **DISPOSITIF D'ENREGISTREMENT MAGNETO-OPTIQUE**  
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[72] Murakami, Yoshiteru, JP  
[72] Ohta, Kenji, JP  
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[22] 1991-08-06  
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[13] C

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[25] EN  
[54] **MAGNETIC RECORDING MEDIUM AND INFORMATION RECORDING-REPRODUCTION METHOD USING THE SAME**  
[54] **SUPPORT D'ENREGISTREMENT MAGNETIQUE ET METHODE D'ENREGISTREMENT ET DE LECTURE D'INFORMATION UTILISANT CE SUPPORT**  
[72] Nakajima, Junsaku, JP  
[72] Takahashi, Akira, JP  
[72] Hirokane, Junji, JP  
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[13] C

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[54] **BOBINEUSE DE FIBRES**  
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[72] Schaubel, Kurt M., US  
[72] Raggio, William A., US  
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[13] C

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[54] **DISPOSITIF A ALIQUOTES MULTIPLES**  
[72] Monthony, James F., US  
[72] Livingston, Dwight, US  
[72] Reuben, Jayakumar, US  
[72] Tite, Robert C., US  
[73] BECTON, DICKINSON AND COMPANY, US  
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[13] C

[51] **Int.Cl. 6B24D 3/00 6B24D 5/00 6B24D 7/00**  
[25] EN  
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[54] **MACHINE A MEULER A CAVITES AVEC ABRASIFS EN COUCHES**  
[72] Stanfield, Charles K., US  
[73] B & J Manufacturing Company, US  
[85] 1991-12-05  
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[87] (WO91/16175)  
[30] US (511,393) 1990-04-18

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[13] C

[51] **Int.Cl. 6B29C 45/74**  
[25] EN  
[54] **INJECTION MOLDING PROBE WITH COAXIAL THERMOCOUPLE TUBE AND HEATING ELEMENT**  
[54] **AIGUILLE D'INJECTION A TUBE A THERMOCOUPLE ET ELEMENT CHAUFFANTS COAXIAUX**  
[72] Teng, Alex C., CA  
[73] MOLD-MASTERS LIMITED, CA  
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[25] EN  
[54] **ASPHALT PAVEMENT RECYCLING APPARATUS**  
[54] **MACHINE POUR LE RECYCLAGE DE REVETEMENT D'ASPHALTE**  
[72] Jakob, Herbert E., US  
[73] Astec Industries, Inc., US  
[85] 1992-02-10  
[86] 1990-08-06 (PCT/US90/04399)  
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[25] EN  
[54] **A METHOD OF MANUFACTURING AN INSULATED/INSULATABLE REINFORCED BUILDING ELEMENT IN CONCRETE**  
[54] **UNE METHODE DE FABRICATION D'ELEMENTS DE CONSTRUCTION EN BETON ARME ISOLE/PRET A ISOLER**  
[72] Ausdal, Thorleif, NO  
[73] Ausdal, Thorleif, NO  
[85] 1992-02-21  
[86] 1990-08-21 (PCT/NO90/00135)  
[87] (WO91/02862)  
[30] NO (893418) 1989-08-25

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[13] C

[51] **Int.Cl. 6G01N 27/26 6G01N 27/327 6G01N 27/416 6G01N 33/48**  
[25] EN  
[54] **BIOSENSOR AND MEASURING APPARATUS USING THE SAME**  
[54] **BIOCAPTEUR ET APPAREIL DE MESURE COMPORTANT CE BIOCAPTEUR**  
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[72] Kawaguri, Mariko, JP  
[72] Yoshioka, Toshihiko, JP  
[72] Fukuda, Minoru, JP  
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[51] **Int.Cl. 6C23F 1/02 6C03C 15/00 6G03F 7/00 6B44C 1/22 6H01L 21/306**  
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[54] **FABRICATION METHODS FOR MICROMECHANICAL ELEMENTS**  
[54] **METHODE POUR L'OBTENTION D'ELEMENTS MICROMECHANIQUES**  
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[73] XEROX CORPORATION, US  
[22] 1992-03-23  
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[25] EN  
[54] **A METHOD OF MANUFACTURING AN INSULATED/INSULATABLE REINFORCED BUILDING ELEMENT IN CONCRETE**  
[54] **UNE METHODE DE FABRICATION D'ELEMENTS DE CONSTRUCTION EN BETON ARME ISOLE/PRET A ISOLER**  
[72] Ausdal, Thorleif, NO  
[73] Ausdal, Thorleif, NO  
[85] 1992-02-21  
[86] 1990-08-21 (PCT/NO90/00135)  
[87] (WO91/02862)  
[30] NO (893418) 1989-08-25

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[51] **Int.Cl. 6A61K 31/725 6A61K 33/00 6A61K 31/73**  
[25] EN  
[54] **IONICALLY CROSSLINKED CARBOXYL-CONTAINING POLYSACCHARIDES FOR ADHESION PREVENTION**  
[54] **POLYSACCHARIDES CARBOXYLES, RETICULES PAR VOIE IONIQUE, POSSEDANT DES PROPRIETES D'ANTI-ADHERENCE**  
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[73] Ethicon, Inc., US  
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[11] **2,068,543**  
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[51] **Int.Cl. 5B29C 45/74**  
[25] EN  
[54] **COINJECTION MOLDING APPARATUS HAVING ROTARY AXIAL ACTUATING MECHANISM**  
[54] **APPAREIL DE MOULAGE PAR COINJECTION A MECANISME DE MANOEUVRE AXIAL ROTATIF**  
[72] GELLERT, JOBST ULRICH, CA  
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[25] EN  
[54] **SCANNER TO COMBINE PARTIAL FRAGMENTS OF A COMPLETE CODE**  
[54] **DISPOSITIF DE LECTURE A BALAYAGE**  
[72] Lapinski, Charles, US  
[72] Eckert, Charles, US  
[72] Skokowski, Richard J., Jr., US  
[72] Cox, James N., US  
[72] Scott, William H., US  
[72] Chaleff, Edward I., US  
[72] Sharpe, Jeffrey G., US  
[72] Wurz, David A., US  
[72] Wagh, Meghanad D., US  
[73] ACCU-SORT SYSTEMS, INC., US  
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[30] US (07/586,545) 1990-09-21

[11] **2,070,026**  
[13] C  
[51] **Int.Cl. 6G03G 5/04**  
[25] EN  
[54] **LIGHT-RECEIVING MEMBER SUPPORT PHOTORECEPTEUR**  
[72] Yamamura, Masaaki, JP  
[72] Shirasuna, Toshiyasu, JP  
[72] Hashizume, Junichiro, JP  
[72] Akiyama, Kazuyoshi, JP  
[72] Shirai, Shigeru, JP  
[73] Canon Kabushiki Kaisha, JP  
[22] 1992-05-29  
[30] JP (3-153706) 1991-05-30  
[30] JP (3-153710) 1991-05-30  
[30] JP (3-153718) 1991-05-30  
[30] JP (3-153741) 1991-05-30  
[30] JP (3-153754) 1991-05-30  
[30] JP (3-153797) 1991-05-30  
[30] JP (3-153816) 1991-05-30  
[30] JP (3-153823) 1991-05-30  
[30] JP (3-293389) 1991-11-08

[11] **2,070,148**  
[13] C  
[51] **Int.Cl. 6C12N 1/14 6C12P 7/42**  
[25] EN  
[54] **FERMENTATION OF 7-(1,2,6,7,8,8A(R)-HEXA-HYDRO-2(S), 6(R)-DIETHYL-8(S)-HYDROXY-1(S)-NAPHTHYL-3(R)-DIHYDROXYHEPTANOIC ACID (TRIOLEIC ACID), I) BY MUTANT STRAINS OF ASPERGILLUS TERREUS**  
[54] **FERMENTATION D'ACIDE 7-(2,6,7,8,8A(R)-HEXAHYDRO-2(S), 6(R)-DIETHYL-8(S)-HYDROXY-1(S)-NAPHTHYL-3(R),5(R)-DIHYDROXYHEPTANO QUE (ACIDE TRIOLEIC) PAR DES SOUCHES MUTANTES D'ASPERGILLUS TERREUS**  
[72] Cover, William H., US  
[72] Dabora, Rebecca L., US  
[72] Hong, Anderson, TW  
[72] Reeves, Christopher, US  
[72] Stieber, Robert W., US  
[72] Vinci, Victor A., US  
[73] MERCK & CO., INC., US  
[22] 1992-06-01  
[30] US (709,950) 1991-06-04

[11] **2,070,223**  
[13] C  
[51] **Int.Cl. 5G02B 6/245**  
[25] EN  
[54] **APPARATUS AND METHOD FOR REMOVING A COATING FROM A COATED LINEAR MATERIAL**  
[54] **EQUIPEMENT ET METHODE POUR ENLEVER LE REVETEMENT D'UN MATERIAU REVETU EN BANDE**  
[72] Takimoto, Hiroaki, JP  
[72] Suganuma, Hiroshi, JP  
[72] Yoshikawa, Junichi, JP  
[73] Sumitomo Electric Industries, Ltd., JP  
[22] 1992-06-02  
[30] JP (HEI 3-104741) 1991-11-25

[11] **2,073,921**  
[13] C  
[51] **Int.Cl. 6H04N 5/38 6H04N 7/15 6H04N 1/23 6H04N 7/50 6H04N 9/80**  
[25] EN  
[54] **PICTURE CODEC AND TELECONFERENCE TERMINAL EQUIPMENT**  
[54] **CODEC D'IMAGERIE ET EQUIPEMENT TERMINAL POUR TELECONFERENCES**  
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[72] Takizawa, Masaaki, JP  
[72] Matsushima, Hitoshi, JP  
[72] Yoshikawa, Hiroshi, JP  
[72] Yoshida, Atsuo, JP  
[72] Ebihara, Toru, JP  
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[72] Yamada, Takehiko, JP  
[73] HITACHI, LTD., JP  
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[30] JP (3-174049) 1991-07-15  
[30] JP (4-11196) 1992-01-24

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[11] \* **2,074,027**  
[13] C

[51] **Int.Cl. 5G06F 13/10 5G06F 1/24**  
[25] EN  
[54] **METHOD OF SETTING UP SYSTEM CONFIGURATION IN DATA PROCESSING SYSTEM, DATA PROCESSING SYSTEM, AND EXPANSION UNIT FOR DATA PROCESSING SYSTEM**  
[54] **METHODE DE CONFIGURATION DE SYSTEME DE TRAITEMENT DE DONNEES, SYSTEME DE TRAITEMENT DE DONNEES UTILISANT CETTE METHODE ET UNITE D'EXPANSION POUR CE SYSTEME**  
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[72] Inoue, Ken, JP  
[72] Shinomura, Masahiko, JP  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1992-07-16  
[30] JP (290405/91) 1991-10-11

[11] **2,074,718**  
[13] C

[51] **Int.Cl. 6E01B 27/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLEANING BALLAST**  
[54] **METHODE ET APPAREIL DESTINES AU NETTOYAGE DE BALLAST**  
[72] Whitaker, John B., Jr., US  
[73] PROGRESS RAIL SERVICES CORPORATION, US  
[85] 1992-07-27  
[86] 1991-01-24 (PCT/US91/00512)  
[87] (WO91/11557)  
[30] US (470,170) 1990-01-25

[11] **2,076,069**  
[13] C

[51] **Int.Cl. 5A61B 17/04**  
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[54] **RETAINER FOR A SUTURE REEL DISPENSER**  
[54] **DISPOSITIF D'ARRET POUR DEVIDOIR DE SUTURE**  
[72] Brown, David L., US  
[72] Malinowski, Stanley J., US  
[72] Sinn, Hans-Jurgen F., US  
[73] United States Surgical Corporation,  
[22] 1992-08-13  
[30] US (07/772,690) 1991-10-07

[11] **2,076,863**  
[13] C

[51] **Int.Cl. 6B05B 9/043**  
[25] EN  
[54] **PUMP-TYPE DISPENSER PACKAGE WITH FLEXIBLE DISPOSABLE RECHARGE**  
[54] **PULVERISATEUR AVEC RECHARGE INTERIEURE SOUPLE ET JETABLE**  
[72] De Caluwe, Robert C.J.M., BE  
[72] Jacobs, André M.G., BE  
[73] The Procter & Gamble Company, US  
[85] 1992-08-25  
[86] 1991-03-01 (PCT/US91/01431)  
[87] (WO91/14630)  
[30] EP (EPC 90200645.1) 1990-03-19

[11] **2,083,587**  
[13] C

[51] **Int.Cl. 6G01F 1/64**  
[25] EN  
[54] **APPARATUS FOR MEASURING THE FLOWRATE OF A FLUID**  
[54] **DEBITMETRE**  
[72] Nissen, Peter, DE  
[73] Fischer & Porter Company, US  
[22] 1992-11-23  
[30] EP (91 119 971.9) 1991-11-22

[11] **2,086,047**  
[13] C

[51] **Int.Cl. 5C08G 18/81 5C09D 175/08 5C08L 75/08 5C08G 18/32**  
[25] EN  
[54] **A PROCESS FOR THE PREPARATION OF A MODIFIED COPOLYMER AS A PIGMENT DISPERSANT FOR AQUEOUS COATING COMPOSITIONS**  
[54] **PROCEDE POUR L'ELABORATION D'UN COPOLYMERE MODIFIE COMME DISPERSANT DE PIGMENT DANS DES COMPOSITIONS DE REVETEMENT AQUEUSES**  
[72] Carpenter, Clint W., US  
[72] Czornij, Zenon P., US  
[73] Basf Corporation, US  
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[11] **2,087,011**  
[13] C

[51] **Int.Cl. 5B60B 5/02 5B60C 7/00**  
[25] EN  
[54] **SUPPORTING WHEEL**  
[54] **GALET SUPPORT**  
[72] Hansson, Hans-Erik, SE  
[73] HE Hansson Aktiebolag, SE  
[85] 1993-01-08  
[86] 1991-06-25 (PCT/SE91/00457)  
[87] (WO92/00858)  
[30] SE (9002405-0) 1990-07-10

[11] **2,087,976**  
[13] C

[51] **Int.Cl. 6C12Q 1/68 6B03C 1/00 6C07K 1/22 6G01N 33/553**  
[25] EN  
[54] **PROCESS FOR PRODUCING MAGNETICALLY RESPONSIVE POLYMER PARTICLES AND APPLICATION THEREOF**  
[54] **PROCEDE DE FABRICATION DE PARTICULES DE POLYMERE SENSIBLES AU MAGNETISME, ET SON APPLICATION**  
[72] Wang, Chao-Huei J., US  
[72] Shah, Dinesh O., US  
[73] DADE BEHRING INC., US  
[85] 1993-01-22  
[86] 1992-06-15 (PCT/US92/04995)  
[87] (WO92/22201)  
[30] US (7/716,144) 1991-06-17

[11] **2,088,792**  
[13] C

[51] **Int.Cl. 6C23C 4/04 6D21G 1/02 6C23C 4/14**  
[25] EN  
[54] **COATING OF A ROLL IN A PAPER MACHINE USING HYPERSONIC PLASMA**  
[54] **APPLICATION D'UN REVETEMENT SUR UN ROULEAU D'UNE MACHINE A PAPIER AU MOYEN DE PLASMA HYPERSONIQUE**  
[72] Lehtonen, Pentti, FI  
[73] Valmet Corporation, FI  
[22] 1993-02-04  
[30] FI (920501) 1992-02-06

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[13] C

[51] Int.Cl. 6B08B 15/02  
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[54] HOTTE AVEC TRINGLERIE DE COMMANDE DES CHICANES  
[72] Beck, Marshall K., US  
[73] HAMILTON INDUSTRIES, INC., US  
[22] 1993-03-09  
[30] US (948,949) 1992-09-18

[11] 2,094,009  
[13] C

[51] Int.Cl. 6C07H 15/26  
[25] EN  
[54] PROCESS FOR THE PREPARATION OF ETOPOSIDE PHOSPHATE AND INTERMEDIATES THEREOF  
[54] PROCEDE POUR LA PREPARATION D'ETOPOSIDEPHOSPHATE ET SES INTERMEDIAIRES  
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[72] Sato, Hitoshi, JP  
[72] Yoshikawa, Hiroshi, JP  
[72] Ohkawa, Kouichi, JP  
[72] Tomiyoshi, Noriko, JP  
[73] Nippon Kayaku Kabushiki Kaisha, JP  
[22] 1993-04-14  
[30] JP (129764/1992) 1992-04-24

[11] 2,095,082  
[13] C

[51] Int.Cl. 6C25C 3/20 6C25C 3/08 6C25C 3/24  
[25] EN  
[54] ELECTROLYTIC REMOVAL OF MAGNESIUM FROM MOLTEN ALUMINUM  
[54] ENLEVEMENT A L'ELECTROLYSE DU MAGNESIUM CONTENU DANS L'ALUMINIUM EN FUSION  
[72] Howard, Norman E., US  
[72] Tiwari, Basant L., US  
[73] GENERAL MOTORS CORPORATION, US  
[22] 1993-04-28  
[30] US (07/980,049) 1992-11-23

[11] 2,097,975  
[13] C

[51] Int.Cl. 6B01D 53/12  
[25] FR  
[54] DISPOSITIF POUR LE TRAITEMENT D'UN GAZ PAR MISE EN CONTACT AVEC DES PARTICULES DE MATIERES SOLIDES  
[54] GAS PROCESSING DEVICE THROUGH CONTACT WITH SOLID PARTICLES  
[72] Melchior, Henri, FR  
[72] Guibet, Jean-Pierre, FR  
[73] Procedair, FR  
[22] 1993-06-08  
[30] FR (92 07337) 1992-06-17

[11] 2,099,057  
[13] C

[51] Int.Cl. 5G03G 21/00 5G03G 15/00 5G03G 15/22  
[25] EN  
[54] IMAGE FORMING APPARATUS USING A PROCESS UNIT  
[54] DISPOSITIF IMAGEUR AVEC UNITE DE TRAITEMENT  
[72] Iguchi, Michihisa, JP  
[72] Tsuda, Yukio, JP  
[73] Kabushiki Kaisha Toshiba, JP  
[22] 1993-06-23  
[30] JP (4-165588) 1992-06-24

[11] 2,099,871  
[13] C

[51] Int.Cl. 6D21H 19/74  
[25] FR  
[54] FEUILLE IMPRIMABLE MARQUEE COUCHEE ET SON PROCEDE DE FABRICATION  
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[72] Goguelin, Michel, FR  
[72] Thibierge, Emeric, FR  
[72] Barthez, Alain, FR  
[73] ARJO WIGGINS S.A., FR  
[85] 1993-07-05  
[86] 1991-12-20 (PCT/FR91/01047)  
[87] (WO92/11413)  
[30] FR (90/16141) 1990-12-21

[11] 2,100,732  
[13] C

[51] Int.Cl. 6C08G 77/28 6B01J 21/06 6C08J 5/20  
[25] EN  
[54] SHAPED ORGANOPOLYSILOXANES CONTAINING SULFONATE GROUPS, A PROCESS FOR THEIR PRODUCTION AND THEIR USE  
[54] ORGANOPOLYSILOXANES PROFILES QUI CONTIENNENT DES GROUPEMENTS SULFONATE, PROCEDE D'OBTENTION ET UTILISATION  
[72] Panster, Peter, DE  
[72] Kleinschmit, Peter, DE  
[73] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1993-07-16  
[30] DE (P 42 23 539.1) 1992-07-17

[11] 2,102,321  
[13] C

[51] Int.Cl. 6A61K 31/08 6A61K 31/02 6A61K 9/72  
[25] EN  
[54] PARTIAL LIQUID BREATHING OF FLUOROCARBONS  
[54] SYSTEME DE RESPIRATION PARTIELLE AVEC DES LIQUIDES FLUOROCARBONES  
[72] Faithfull, Simon Nicholas, GB  
[72] Weers, Jeffrey Greg, GB  
[73] Alliance Pharmaceutical Corp., US  
[85] 1993-11-02  
[86] 1992-05-01 (PCT/US92/03660)  
[87] (WO92/19232)  
[30] US (695,547) 1991-05-03

[11] 2,103,241  
[13] C

[51] Int.Cl. 6C23C 14/35 6C22C 18/00  
[25] EN  
[54] SELF-SUPPORTING ZINC ALLOY ROTATING SPUTTER TARGET  
[54] CIBLE ROTATIVE AUTOSTABLE EN ALLIAGE DE ZINC POUR PULVERISATION REACTIVE  
[72] Hillendahl, James W., US  
[72] Palmer, J. Glen, US  
[73] THE BOC GROUP, INC., US  
[85] 1993-11-16  
[86] 1992-05-20 (PCT/US92/04248)  
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[30] US (07/703,663) 1991-05-21

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[11] \* **2,105,020**  
[13] C

[51] **Int.Cl. 6G06F 13/24**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DYNAMICALLY VARYING BETWEEN INTERRUPT AND POLLING TO SERVICE REQUESTS OF COMPUTER PERIPHERALS**  
[54] **SYSTEME ET METHODE A COMMUTATION ENTRE MODES D'INTERRUPTION ET D'INTERROGATION SERVANT A GERER LES DEMANDES DE SERVICE RECUES DES PERIPHERIQUES D'UN ORDINATEUR**  
[72] Hoffman, Harrell, US  
[72] Sweet, Mark D., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1993-08-27  
[30] US (989,254) 1992-12-11

[11] **2,105,106**  
[13] C

[51] **Int.Cl. 6H03L 7/16**  
[25] EN  
[54] **PHASE-OFFSET CANCELLATION TECHNIQUE FOR REDUCING LOW FREQUENCY JITTER**  
[54] **TECHNIQUE D'ANNULATION DU DECALAGE DES PHASES SERVANT A REDUIRE LE SAUTILLEMENT A BASSE FREQUENCE**  
[72] Seto, Jim M. N., CA  
[72] Colbeck, Roger P., CA  
[72] Chau, Raymond, CA  
[72] Leung, Simon C. F., CA  
[73] ATI TECHNOLOGIES INC., CA  
[22] 1993-08-30  
[30] US (08/080,183) 1993-06-23

[11] **2,105,281**  
[13] C

[51] **Int.Cl. 6C25B 1/00 6C25B 3/02 6C07C 50/12**  
[25] FR  
[54] **ELECTROSYNTHESE INDIRECTE PAR CERIU**  
[54] **INDIRECT ELECTROSYNTHESIS USING CERIU**  
[72] Harrison, Stephen, CA  
[73] HYDRO-QUÉBEC, CA  
[85] 1993-08-31  
[86] 1993-02-01 (PCT/CA93/00037)  
[87] (WO93/18208)  
[30] US (846,538) 1992-03-04

[11] **2,105,523**  
[13] C

[51] **Int.Cl. 5A01M 1/20**  
[25] EN  
[54] **SYSTEM FOR TERMITE DETECTION AND CONTROL**  
[54] **SYSTEME DE DETECTION DES TERMITES ET LUTTE CONTRE CES INSECTES**  
[72] Thorne, Barbara L., US  
[72] Traniello, James F. A., US  
[73] Thorne, Barbara L., US  
[73] Traniello, James F. A., US  
[22] 1993-09-03  
[30] US (07/941,460) 1992-09-08

[11] **2,105,535**  
[13] C

[51] **Int.Cl. 6B23B 27/22**  
[25] EN  
[54] **HIGH SHEER, ULTRA LIGHT DUTY INSERT**  
[54] **PLAQUETTE AMOVIBLE D'USINAGE ULTRA-FIN A CISAILLEMENT ELEVE**  
[72] Katbi, Karl, US  
[72] Lowe, Tony M., US  
[73] Valenite Inc., US  
[22] 1993-09-03  
[30] US (07/948,372) 1992-09-21

[11] **2,105,728**  
[13] C

[51] **Int.Cl. 5G01L 1/22**  
[25] EN  
[54] **SEMICONDUCTOR TYPE DIFFERENTIAL PRESSURE MEASUREMENT APPARATUS AND METHOD FOR MANUFACTURING THE SAME**  
[54] **APPAREIL DE MESURE DE PRESSION DIFFERENTIELLE A SEMI-CONDUCTEUR ET METHODE DE FABRICATION**  
[72] Ikeda, Kyoichi, JP  
[72] Watanabe, Tetsuya, JP  
[72] Tsukamoto, Hideo, JP  
[72] Kudo, Takahiro, JP  
[72] Nagai, Kouji, JP  
[72] Fukuhara, Satoshi, JP  
[73] YOKOGAWA ELECTRIC CORPORATION, JP  
[22] 1993-09-08

[11] **2,106,452**  
[13] C

[51] **Int.Cl. 6C07C 257/18 6C07D 223/06 6C07D 207/16 6C07D 295/185 6C07D 209/20 6A61K 31/24 6A61K 31/40 6A61K 31/445 6A61K 31/495 6C07C 323/50 6A61K 31/55 6C07D 211/60**  
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[54] **DERIVES D'AMIDINOPHENOL**  
[72] Nakai, Hisao, JP  
[72] Kawamura, Masanori, JP  
[72] Miyamoto, Tsumoru, JP  
[73] Ono Pharmaceutical Co., Ltd., JP  
[22] 1993-09-17  
[30] JP (4-274992) 1992-09-18  
[30] JP (5-96758) 1993-03-31

[11] **2,109,751**  
[13] C

[51] **Int.Cl. 6G01N 33/44 6G01N 21/27 6G01N 33/36 6G01N 21/55 6G01N 21/85**  
[25] EN  
[54] **ANALYSIS OF POLYMER MELT STREAM**  
[54] **ANALYSE D'UN FLUX DE POLYMER EN FUSION**  
[72] Wilson, Phillip E., US  
[73] Basf Corporation, US  
[22] 1993-11-23  
[30] US (08/059,451) 1993-05-07

[11] **2,110,262**  
[13] C

[51] **Int.Cl. 6F02C 6/16 6F02C 7/00**  
[25] EN  
[54] **POWER PLANT UTILIZING COMPRESSED AIR ENERGY STORAGE AND SATURATION**  
[54] **CENTRALE ELECTRIQUE UTILISANT LE STOCKAGE ET LA SATURATION D'AIR COMPRI**  
[72] Cohn, Arthur, US  
[72] Minderman, David J., US  
[73] Electric Power Research Institute, Inc., US  
[85] 1993-11-29  
[86] 1992-04-06 (PCT/US92/02758)  
[87] (WO92/22741)  
[30] US (716,541) 1991-06-17

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[13] C

[51] Int.Cl. 6A61N 1/32 6A61B 5/02  
[25] EN  
[54] **TELEMETRY SYSTEM FOR AN IMPLANTABLE CARDIAC DEVICE**  
[54] **MECANISME DE TELEMESURE POUR UN DISPOSITIF CARDIAQUE IMPLANTABLE**

[72] de Coriolis, Paul E., US  
[72] Siegman, Craig S., US  
[72] Bocek, Joseph M., US  
[73] CARDIAC PACEMAKERS, INC., US  
[22] 1993-12-22  
[30] US (08/001,330) 1993-01-07

[11] 2,114,383  
[13] C

[51] Int.Cl. 5C07C 25/02 5C07C 17/02  
[25] EN  
[54] **PHOTOCHEMICAL GAS-LIQUID PROCESS FOR HALOGENATING ALKYL BENZENES**  
[54] **PROCEDE PHOTOCHEMIQUE GAZ-LIQUIDE POUR L'HALOGENATION DES ALKYL BENZENES**

[72] Desire, Gérard, FR  
[73] ELF ATOCHEM S.A., FR  
[22] 1994-01-27  
[30] FR (93 00 863) 1993-01-28

[11] 2,119,107  
[13] C

[51] Int.Cl. 6F16G 15/04 6B27L 1/00  
[25] EN  
[54] **DEBARKING CHAIN QUICK CHANGE FITTING**  
[54] **DISPOSITIF DE RACCORDEMENT RAPIDE POUR CHAINE D'ECORCAGE**

[72] Chronister, Michael R., US  
[72] Brindisi, Frederick J., US  
[72] Schmidt, Phillip A., US  
[73] COOPER INDUSTRIES, INC., US  
[22] 1994-03-15  
[30] US (08/072,380) 1993-06-07

[11] 2,113,642  
[13] C

[51] Int.Cl. 5C07C 335/04 5D21C 9/10 5C07C 381/14  
[25] EN  
[54] **A PROCESS FOR PRODUCING THIOUREA DIOXIDE AND A PROCESS FOR BLEACHING PULP FOR PAPERMAKING BY THE USE OF THIOUREA DIOXIDE OBTAINED BY SAID PRODUCTION PROCESS**

[54] **PROCEDE D'OBTENTION DE DIOXYDE DE THIO-UREE ET PROCEDE DE BLANCHIMENT DE LA PATE A PAPIER AU MOYEN DE DIOXYDE DE THIO-UREE AINSI OBTENU**

[72] Kanada, Toshiaki, JP  
[72] Jinnouchi, Seikyu, JP  
[72] Shimpo, Masafumi, JP  
[72] Koshitsuka, Tetsuo, JP  
[72] Kimura, Akiko, JP  
[73] Mitsubishi Gas Chemical Company, Inc., JP

[85] 1994-01-17  
[86] 1993-06-08 (PCT/JP93/00769)  
[87] (WO93/25522)  
[30] JP (04-150773) 1992-06-10  
[30] JP (05-099498) 1993-04-26

[11] 2,116,245  
[13] C

[51] Int.Cl. 5C08G 18/75 5C09D 175/04  
[25] EN  
[54] **ENVIRONMENTAL ETCH RESISTANT, TWO-COMPONENT, COATING COMPOSITION, METHOD OF COATING THEREWITH, AND COATING OBTAINED THEREFROM**

[54] **COMPOSITION DE REVETEMENT A DEUX ELEMENTS RESISTANT AUX INTEMPERIES, METHODE DE REVETEMENT CONNEXE ET REVETEMENT AINSI OBTENU**

[72] Cook, Vincent C., US  
[73] Basf Corporation, US  
[85] 1994-02-22  
[86] 1992-08-20 (PCT/US92/10479)  
[87] (WO93/05090)  
[30] US (752,033) 1991-08-29

[11] 2,119,129  
[13] C

[51] Int.Cl. 6A61K 49/00  
[25] EN  
[54] **GASEOUS ULTRASOUND CONTRAST MEDIA AND METHOD FOR SELECTING GASES FOR USE AS ULTRASOUND CONTRAST MEDIA**  
[54] **MILIEUX DE CONTRASTE GAZEUX POUR ULTRASON ET METHODE DE SELECTION DE GAZ POUVANT ETRE UTILISES DANS CES MILIEUX**

[72] Quay, Steven C., US  
[73] Sonus Pharmaceuticals, Inc., US  
[85] 1994-03-15  
[86] 1992-09-02 (PCT/US92/07250)  
[87] (WO93/05819)  
[30] US (07/761,311) 1991-09-17  
[30] US (07/893,657) 1992-06-05

[11] 2,117,672  
[13] C

[51] Int.Cl. 6B01D 39/20 6C22B 9/02  
[25] EN  
[54] **FILTER MEDIUM FOR METAL HOT MELT AND TREATMENT PROCESS FOR METAL HOT MELT**  
[54] **MEDIUM FILTRANT POUR PROCEDE DE TRAITEMENT ET DE FUSION DU METAL**

[72] Shirakawa, Hiroshi, JP  
[72] Yamakawa, Osamu, JP  
[73] NCK Adrec Co., Ltd., JP  
[73] NGK Insulators, Ltd., JP  
[22] 1994-09-08  
[30] JP (5-229100) 1993-09-14

[11] 2,119,938  
[13] C

[51] Int.Cl. 5C23C 2/02  
[25] EN  
[54] **ENHANCED PROTECTIVE METALLIC COATING WEIGHTS FOR STEEL SHEET**  
[54] **REVETEMENT DE PROTECTION METALLIQUE AMELIORE POUR FEUILLES D'ACIER**

[72] Vigeant, Andre F., CA  
[72] Bernard, Alain, CA  
[73] Sorevco, Inc., CA  
[22] 1994-03-25

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[11] **2,119,971**  
[13] C

[51] **Int.Cl. 5H03M 7/40**  
[25] EN  
[54] **VARIABLE LENGTH CODEWORD PACKER**  
[54] **TASSEUR DE MOTS DE CODE DE LONGUEUR VARIABLE**  
[72] Derovanessian, Henry, US  
[72] Liu, Vincent, US  
[73] GENERAL INSTRUMENT CORPORATION OF DELAWARE, US  
[22] 1994-03-25  
[30] US (08/031,011) 1993-03-26

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[11] **2,120,839**  
[13] C

[51] **Int.Cl. 6B29C 49/06**  
[25] EN  
[54] **INJECTION STRETCH BLOW MOLDING MACHINE**  
[54] **MACHINE DE MOULAGE PAR INJECTION-SOUFFLAGE ET ETIRAGE**  
[72] Priest, Walter L., US  
[73] Jomar Corporation, US  
[22] 1994-04-08  
[30] US (08/093,203) 1993-07-16

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[11] **2,121,007**  
[13] C

[51] **Int.Cl. 6B61G 9/10**  
[25] EN  
[54] **HIGH CAPACITY DRAFT GEAR ASSEMBLY**  
[54] **DISPOSITIF DE TRACTION HAUT RENDEMENT**  
[72] Duffy, James L., US  
[72] Daugherty, David W., Jr., US  
[72] Kanjo, Wajih, US  
[72] George, Rudi E., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1994-04-11  
[30] US (08/206,448) 1994-03-04

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[11] **2,121,538**  
[13] C

[51] **Int.Cl. 6B02C 13/26 6B02C 13/282**  
[25] EN  
[54] **COMMINUTING MACHINE WITH COMB-LIKE FURTHER COMMINUTING STRUCTURE**  
[54] **CUTTER A STRUCTURE EN PEIGNE**  
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[72] Doppstadt, Werner, DE  
[73] Doppstadt, Werner, DE  
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[30] DE (G 93 05 840.3) 1993-04-20

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[11] **2,122,655**  
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[51] **Int.Cl. 6G01D 5/30 6G01B 11/24**  
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[54] **CIRCUIT D'ATTAQUE DE PHOTODIODES MULTIPLES**  
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[72] Riello, Christopher S., US  
[72] Tolmie, Robert J., Jr., US  
[72] Van Gorp, Mark W., US  
[73] PITNEY BOWES INC., US  
[22] 1994-05-02  
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[11] **2,123,591**  
[13] C

[51] **Int.Cl. 6C03B 5/235 6C03B 5/04 6C03B 5/225**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MELTING AND REFINING GLASS IN A FURNACE USING OXYGEN FIRING**  
[54] **METHODE ET INSTALLATION POUR FONDRE ET POUR RAFFINER LE VERRE DANS UN FOUR A OXYGENE**  
[72] Shamp, Donald Ellsworth, US  
[72] Stark, Thomas Fowler, US  
[72] Elliott, Jack Roy, US  
[72] Howard, Larry Edward, US  
[73] JOHNS MANVILLE INTERNATIONAL, INC., US  
[85] 1994-05-13  
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[87] (WO94/06724)  
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[51] **Int.Cl. 6F16D 65/72**  
[25] EN  
[54] **BRAKE ACTUATOR HAVING COLLET STYLE SLACK ADJUSTER**  
[54] **MECANISME DE COMMANDE DE FREINAGE AVEC DISPOSITIF DE RATTRAPAGE DE JEU DU GENRE PINCE DE SERRAGE**  
[72] Noah, Lewis, US  
[72] Moore, Roland, US  
[72] Seidl, Stefan, US  
[72] Lipford, Lee, US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1994-05-17  
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[11] **2,124,359**  
[13] C

[51] **Int.Cl. 6B03D 1/012 6B03D 1/02**  
[25] EN  
[54] **2-MERCAPTO-BENZOXAZOLE DERIVATIVES AS COLLECTORS FOR THE SELECTIVE FLOTATION OF METAL ORES**  
[54] **DERIVES 2-MERCAPTO-BENZOXAZOLE UTILISABLES COMME CAPTEURS DANS LA FLOTTATION DIFFERENTIELLE DE MINERAIS DE METAUX**  
[72] Marabini, Anna, IT  
[72] Bornengo, Giorgio, IT  
[72] Alesse, Vittorio, IT  
[72] Bergamini, Fabrizio, IT  
[73] Consiglio Nazionale Delle Ricerche, IT  
[85] 1994-05-25  
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[13] C

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[25] EN  
[54] **MONITOR SYSTEM FOR IMAGE PRINTER**  
[54] **CONTROLEUR POUR IMPRIMANTE D'IMAGES**  
[72] Miyauchi, Mitsuru, JP  
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[25] EN  
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[54] **MECANISME D'ARRET CARBURANT POUR MOTEURS A COMBUSTION INTERNE**  
[72] Olmr, Jaroslav J., US  
[73] KOHLER CO., US  
[22] 1994-06-15  
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[13] C  
[51] **Int.Cl. 6C10G 73/44 6C10G 45/58**  
[25] EN  
[54] **DISTILLATE FUEL PRODUCTION FROM FISCHER-TROPSCH WAX**  
[54] **PRODUCTION DE MAZOUT LEGER A PARTIR DE PRODUITS PARAFFINIQUES ISSUS DU PROCEDE FISCHER-TROPSCH**  
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[73] Exxon Research and Engineering Co., US  
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[30] US (096,129) 1993-07-22

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[13] C  
[51] **Int.Cl. 6G10L 9/08 6G10L 9/14**  
[25] EN  
[54] **SPEECH SIGNAL ENCODING SYSTEM CAPABLE OF TRANSMITTING A SPEECH SIGNAL AT A LOW BIT RATE WITHOUT CARRYING OUT A LARGE VOLUME OF CALCULATION**  
[54] **SYSTEME DE CODAGE DE SIGNAUX VOCAUX POUVANT TRANSMETTRE UN SIGNAL VOCAL A UN FAIBLE DEBIT BINAIRE SANS NECESSITER DES CALCULS VOLUMINEUX**  
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[73] NEC CORPORATION, JP  
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[51] **Int.Cl. 6B60P 1/43 6B65G 69/28**  
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[22] 1994-08-29

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[13] C  
[51] **Int.Cl. 6B65D 33/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FORMING A SHRINKABLE BAG HAVING AN INTEGRAL HANDLE, AND A SHRINKABLE HANDLE BAG ARTICLE**  
[54] **METHODE ET DISPOSITIF POUR L'OBTENTION D'UN SAC RETRECISSEBLE A POIGNEE INTEGREE**  
[72] Cilia, Philip Frank, US  
[72] Kupcikevicius, Vytautas, US  
[73] VISKASE CORPORATION, US  
[22] 1994-07-13  
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[13] C  
[51] **Int.Cl. 6A43B 21/26 6A43B 21/32 6A43B 21/36**  
[25] EN  
[54] **STEP SHOCK ABSORBING, FASHIONABLY RAISED HEEL FOR LADIES' AND GENTLEMEN'S FOOTWEAR OF THE HIGH-HEELED SHAPE OR HAVING A CONICAL WEDGE SHAPE**  
[54] **TALON RELEVE A LA MODE ABSORBANT L'IMPACT DES PAS POUR CHAUSSURES DE FEMME ET D'HOMME DU GENRE A TALON HAUT OU TALON COMPENSE**  
[72] Fusaro, Ingeborg, DE  
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[85] 1994-07-27  
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[30] DE (G 92 01 107.1 U) 1992-01-30  
[30] DE (P 42 19 152.1) 1992-06-11  
[30] WO (PCT/DE92/00563) 1992-07-03  
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[30] WO (PCT/DE92/00845) 1992-10-07

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[11] \* **2,129,197**  
[13] C  
[51] **Int.Cl. 5H04L 12/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONNECTING A WIRELESS LAN TO A WIRED LAN**  
[54] **METHODE ET APPAREIL POUR CONNECTER UN RESEAU LOCAL SANS FIL A UN RESEAU LOCAL CABLE**  
[72] Cheung, Roger Y.M., CA  
[72] Reissner, Peter E., CA  
[72] McKay, Danny N., CA  
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
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[11] **2,129,678**  
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[51] **Int.Cl. 6A01M 1/02**  
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[54] **PIEGE A MOUCHES**  
[72] Braven, James, GB  
[72] Groom, Murree Richard, GB  
[72] Hawkes, Colin, GB  
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[73] W.H. KNIGHTS & SON, GB  
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[13] C  
[51] **Int.Cl. 6B41F 23/04 6F26B 13/10 6F26B 3/30**  
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[54] **INFRA-RED FORCED AIR DRYER AND EXTRACTOR**  
[54] **SECHEUR A INFRA-ROUGES A AIR FORCE ET EXTRACTEUR**  
[72] Secor, Howard Curtis, US  
[72] Rendleman, Ronald Merod, US  
[72] Copenhagen, Paul Drake, US  
[73] DEMOORE, HOWARD WARREN, US  
[22] 1994-08-11  
[30] US (08/116,711) 1993-09-03

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[13] C

[51] **Int.Cl. 6H04L 12/66 6H04L 12/42**  
[25] EN  
[54] **RING INTERWORKING BETWEEN BIDIRECTIONAL LINE-SWITCHED RING TRANSMISSION SYSTEMS**  
[54] **INTERFONCTIONNEMENT DES ANNEAUX DE SYSTEMES DE TRANSMISSION ANNULAIRES BIDIRECTIONNELS A COMMUTATION PAR LES LIGNES**  
[72] Kremer, Wilhelm, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1994-08-12  
[30] US (141,151) 1993-10-22

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[13] C

[51] **Int.Cl. 6B27K 3/52**  
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[54] **COMPOSITIONS POUR LA PRESERVATION DE PRODUITS DU BOIS D'OEUVRE**  
[72] Ma, Frank M. S., US  
[72] Ayotte, Marcel, CA  
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[22] 1994-09-01  
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[13] C

[51] **Int.Cl. 6C08L 83/04 6C08K 3/00 6C08K 13/02 6C08J 3/24 6C08K 5/54**  
[25] FR  
[54] **NOUVEAU SYSTEME ACCELERATEUR DE RETICULATION DE POLYMERES DURCISSANT A L'HUMIDITE DE L'AIR**  
[54] **SYSTEM CURING MORE RAPIDLY POLYMERS HARDENED BY AIR MOISTURE**  
[72] Letoffe, Michel, FR  
[72] Pujol, Jean-Marc, US  
[73] Rhone-Poulenc Chimie, FR  
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[13] C

[51] **Int.Cl. 5H03M 7/30 5G06F 13/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DATA COMPRESSION**  
[54] **METHODE ET APPAREIL DE COMPRESSION DE DONNEES**  
[72] Strohacker, Oscar C., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1994-09-23  
[30] US (173,738) 1993-12-23

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[51] **Int.Cl. 6H04N 7/18 6H04N 5/232**  
[25] EN  
[54] **VIDEO TIME CODE SYNCHRONIZED ROBOT CONTROL APPARATUS**  
[54] **APPAREIL DE COMMANDE DE ROBOT SYNCHRONISE A UN CODE TEMPOREL VIDEO**  
[72] Boyle, William M., US  
[73] Boyle, William M., US  
[85] 1994-10-03  
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[13] C

[51] **Int.Cl. 5C12Q 1/68 5C09B 23/04 5C07D 215/16 5C07D 213/60**  
[25] EN  
[54] **CYCLIC-SUBSTITUTED UNSYMMETRICAL CYANINE DYES**  
[54] **COLORANTS A BASE DE DERIVES DE SUBSTITUTION CYCLIQUE DE CYANINE ASYMETRIQUE**  
[72] Roth, Bruce L., US  
[72] Millard, Paul J., US  
[72] Yue, Stephen T., US  
[72] Wells, K. Sam, US  
[72] Haugland, Richard P., US  
[73] Molecular Probes, Inc., US  
[85] 1994-10-05  
[86] 1994-04-13 (PCT/US94/04127)  
[87] (WO94/24213)  
[30] US (08/047,683) 1993-04-13  
[30] US (08/090,890) 1993-07-12  
[30] US (08/146,328) 1993-11-01  
[30] US (08/148,847) 1993-11-08

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[13] C

[51] **Int.Cl. 5G06F 13/38**  
[25] EN  
[54] **DMA EMULATION FOR NON-DMA CAPABLE INTERFACE CARDS**  
[54] **EMULATION D'UNE FONCTION D'ACCES DIRECT MEMOIRE POUR CARTES D'INTERFACE CAPABLES D'ACCES NON DIRECT MEMOIRE**  
[72] Kam, Patrick, CA  
[72] Devins, Robert J., US  
[72] Hon, Stephen, CA  
[72] Keller, Emory D., US  
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
[22] 1994-11-09

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[11] **2,136,565**  
[13] C

[51] **Int.Cl. 6C12N 15/12 6A61K 31/015 6A61K 31/045 6A61K 31/12 6A61K 31/13 6A61K 38/17 6A61K 31/235 6A61K 31/425 6G01N 33/566 6C07K 14/705**  
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[13] C

[51] **Int.Cl. 6G03G 15/04 6G03G 15/28**  
[25] EN  
[54] **MULTIPLE BEAM RASTER OUTPUT SCANNER OPTICAL SYSTEM HAVING TELECENTRIC CHIEF EXIT RAYS**  
[54] **SYSTEME DE BALAYAGE DE TRAME OPTIQUE MULTIFAISCEAU**  
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[13] C

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[72] Fisch, Alfred C., US  
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[22] 1994-12-01  
[30] US (08/160,241) 1993-12-02

[11] 2,137,204  
[13] C

[51] Int.Cl. 5F04D 19/00 5F04C 18/00 5F04D 7/00  
[25] EN  
[54] SELF ALIGNING REMOVABLE BEARING CARRIER FOR A LIQUID RING VACUUM PUMP  
[54] SUPPORT DE RONDELLE DE BUTEE AMOVIBLE A ALIGNEMENT AUTOMATIQUE POUR POMPE A ANNEAU LIQUIDE  
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[11] 2,138,849  
[13] C

[51] Int.Cl. 6A61B 19/02 6B65D 1/48  
[25] EN  
[54] DETACHABLE HARD SHELL BOTTOM FOR SOFT-SIDED MEDICAL KITS  
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[72] Field, Bradley J., CA  
[73] Pacific Safety Products Inc., CA  
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[11] 2,140,858  
[13] C

[51] Int.Cl. 6C09K 3/00 6C09K 3/18  
[25] EN  
[54] METHOD FOR DENATURING ROAD SALT AND DENATURED ROAD SALT  
[54] METHODE POUR LA DENATURATION DU SEL DE ROUTE; SEL DE ROUTE DENATURE AINSI OBTENU  
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[73] Hurme Consulting Oy, FI  
[85] 1995-01-23  
[86] 1993-07-16 (PCT/FI93/00300)  
[87] (WO94/02558)  
[30] FI (923407) 1992-07-28

[11] 2,140,861  
[13] C

[51] Int.Cl. 6G09F 7/00 6G09F 15/00 6B26B 29/06  
[25] EN  
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[73] HARMAN VENTURE TRUST,  
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[30] NZ (243,682) 1992-07-23

[11] 2,141,644  
[13] C

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[22] 1995-02-01

[11] 2,142,216  
[13] C

[51] Int.Cl. 6F16H 59/18  
[25] EN  
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[54] DISPOSITIF DE RETROGRADATION NON ASSISTEE  
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[73] Eaton Corporation, US  
[22] 1995-02-10  
[30] US (195,001) 1994-02-14

[11] 2,142,478  
[13] C

[51] Int.Cl. 6F16H 57/04  
[25] EN  
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[54] DISPOSITIF DE REDUCTION DU BATTAGE DANS LES ENGRENAGES  
[72] Gee, Thomas A., US  
[73] Eaton Corporation, US  
[22] 1995-02-14  
[30] US (199,381) 1994-02-18

[11] 2,142,580  
[13] C

[51] Int.Cl. 6G02B 1/10 6C23C 4/10 6G02B 1/11 6G02F 1/1335  
[25] EN  
[54] OPTICAL FUNCTIONAL MATERIALS AND PROCESS FOR PRODUCING THE SAME  
[54] MATERIEL FONCTIONNEL D'OPTIQUE ET PROCEDE DE FABRICATION CONNEXE  
[72] Oka, Motohiro, JP  
[72] Tsuchiya, Mitsuru, JP  
[72] Nakamura, Norinaga, JP  
[72] Takematsu, Kiyotaka, JP  
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[72] Suzuki, Hiroko, JP  
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[30] JP (100582/1994) 1994-04-14  
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[13] C

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[25] EN  
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[54] **DISPOSITIF POUR AJUSTER LA CHAÎNE DE TRANSMISSION D'UNE MOTONEIGE**  
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[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1995-02-24

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[11] **2,143,385**  
[13] C

[51] **Int.Cl. 6B62D 55/104 6B62D 55/07**  
[25] EN  
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[72] Nagata, Tadaaki, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
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[13] C

[51] **Int.Cl. 6E04C 2/08 6B21C 23/22**  
[25] EN  
[54] **COMPOSITE SECTION HAVING A SUPPORTING BASE OF LIGHT-WEIGHT METAL AND AT LEAST ONE METALLICALLY-JOINED, PROFILED STRIP AND PROCESS FOR MANUFACTURING A COMPOSITE SECTION**  
[54] **SECTION COMPOSITE COMPORTANT UNE BASE D'APPUI EN METAL LEGER ET AU MOINS UNE BANDE PROFILEE JOINTE METALLIQUEMENT A LA BASE; PROCEDE DE FABRICATION**  
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[72] Bock, Uwe, DE  
[73] Alusuisse Technology & Management Ltd., CH  
[22] 1995-03-14  
[30] DE (44 10 688.2) 1994-03-28  
[30] DE (44 22 533.4) 1994-06-28

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[13] C

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[25] EN  
[54] **BAYONET BEARING RETAINER**  
[54] **DISPOSITIF DE RETENUE A BAIONNETTES POUR COUSSINET**  
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[72] Cottam, Michael John, GB  
[73] Eaton Corporation, US  
[22] 1995-03-20  
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[11] **2,145,118**  
[13] C

[51] **Int.Cl. 6E02B 15/04**  
[25] EN  
[54] **HEAT RESISTANT CONTAMINATION CONTROL BOOM**  
[54] **BARRIERE DE CONFINEMENT RESISTANT A LA CHALEUR**  
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[72] Brown, John A., US  
[72] Reidel, Robert, US  
[73] KEPNER PLASTICS FABRICATORS, US  
[22] 1995-03-21  
[30] US (08/223,238) 1994-04-04

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[11] **2,147,941**  
[13] C

[51] **Int.Cl. 6G03G 15/00 6G03G 15/06 6G03G 15/08 6G03G 15/16 6G03G 21/18**  
[25] EN  
[54] **DEVELOPING FRAME, PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS**  
[54] **CADRE DE DEVELOPPEMENT, CARTOUCHE DE DEVELOPPEMENT ET APPAREIL DE FORMATION D'IMAGES**  
[72] Nishiawatoko, Tsutomu, JP  
[72] Miura, Kouji, JP  
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[73] Canon Kabushiki Kaisha, JP  
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[13] C

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[54] **SERVEUR DE COMMUNICATION LOCAL**  
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[72] Sit, Harold, CA  
[72] Niro, Anthony, CA  
[73] Mitel Corporation, CA  
[22] 1995-05-09  
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[11] **2,149,664**  
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[51] **Int.Cl. 6C06C 5/04 6B29C 47/06 6B29C 55/26**  
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[54] **FUSIBLE A FAIBLE ENERGIE ET METHODE DE FABRICATION**  
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[72] Danertz, Karl-Erik, SE  
[72] Jidestig, Goran, SE  
[73] NITRO NOBEL AB, SE  
[85] 1995-05-17  
[86] 1993-11-10 (PCT/SE93/00954)  
[87] (WO94/11324)  
[30] SE (9203459-4) 1992-11-17

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[54] **COMMANDE D'ENCLENCHEMENT DU SEPARATEUR DE SORTIE**  
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[72] Chan, Kwok Wah, GB  
[73] Eaton Corporation, US  
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[13] C

[51] Int.Cl. 6A61F 13/15  
[25] EN  
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[54] DISPOSITIFS D'ESPACEMENT FLEXIBLES POUR ARTICLES ABSORBANTS JETABLES  
[72] Freeland, Mary Elaine, US  
[73] Procter & Gamble Company (The), US  
[85] 1995-06-15  
[86] 1993-12-09 (PCT/US93/11972)  
[87] (WO94/14394)  
[30] US (07/994,023) 1992-12-21

[11] 2,154,018  
[13] C

[51] Int.Cl. 6H04B 10/145 6H01S 3/085  
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[54] LASER MULTIFREQUENCE ACCORDE NUMERIQUEMENT  
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[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1995-07-17  
[30] US (300,021) 1994-09-02

[11] 2,157,750  
[13] C

[51] Int.Cl. 6C07C 229/16 6C07D 215/26 6A61K 7/42  
[25] FR  
[54] CHELATEURS DE METAUX PHOTOCLEIVABLES ET COMPOSITIONS LES CONTENANT  
[54] PHOTOCLEAVABLE SEQUESTERING AGENTS AND COMPOSITIONS THEREOF  
[72] Galey, Jean-Baptiste, FR  
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[73] L'OREAL, FR  
[22] 1995-09-07  
[30] FR (94 10 763) 1994-09-08

[11] 2,152,193  
[13] C

[51] Int.Cl. 6B02C 18/08  
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[22] 1995-06-20  
[30] US (08/274,467) 1994-07-13

[11] 2,156,884  
[13] C

[51] Int.Cl. 6B62D 53/08  
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[54] ATTACHE AUTO-LUBRIFIANTE POUR SELLETTE D'ATTELAGE  
[72] Heeb, John P., US  
[73] Holland Hitch Company, US  
[22] 1995-08-24  
[30] US (08/314,410) 1994-09-28

[11] 2,157,994  
[13] C

[51] Int.Cl. 6H05K 1/16 6H01L 23/12  
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[72] Masukawa, Fuminori, JP  
[73] NEC CORPORATION, JP  
[22] 1995-09-11  
[30] JP (216853/1994) 1994-09-12

[11] 2,153,859  
[13] C

[51] Int.Cl. 6H04Q 7/26  
[25] EN  
[54] PRIVATE COMMUNICATIONS NETWORK SYSTEM AND METHOD OF AUTHENTICATION FOR A MOBILE STATION USED IN PRIVATE COMMUNICATIONS NETWORKS  
[54] RESEAU DE COMMUNICATION PRIVE ET METHODE D'AUTHENTIFICATION DE STATIONS MOBILES CONNEXE  
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[73] NEC CORPORATION, JP  
[22] 1995-07-13  
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[11] 2,157,341  
[13] C

[51] Int.Cl. 6B60R 1/06  
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[54] RETROVISEUR A RALLONGE  
[72] Pace, Dusty R., US  
[73] Power Vision L.L.C., US  
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[11] 2,158,088  
[13] C

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[72] Minagawa, Osamu, JP  
[73] Revall Co., Ltd., JP  
[22] 1995-09-12  
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[11] 2,157,565  
[13] C

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[25] EN  
[54] METHOD FOR REMOVING SULPHUR OXIDES FROM FLUE GASES OF A BOILER PLANT  
[54] METHODE POUR L'EXTRACTION DES OXYDES DE SOUFRE DES GAZ DE COMBUSTION D'UNE CHAUDIERE  
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[72] Alppi, Hannu, FI  
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[25] EN  
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[54] **CONDITIONNEURS DE TISSUS, ACTIVES EN SECHEUSE, CONTENANT DES ACIDES GRAS INSATURES**  
[72] Corona, Alessandro III, US  
[72] Palmer, Clyde DeWayne, US  
[72] Rusche, John Robert, US  
[72] Sung, Stephanie Lin-Lin, US  
[73] Procter & Gamble Company (The), US  
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[13] C

[51] **Int.Cl. 6G06F 3/033**  
[25] EN  
[54] **COMPUTING INTERFACE SYSTEM**  
[54] **INTERFACE POUR ORDINATEUR**  
[72] Partridge, B. Waring III, US  
[73] AT&T CORP., US  
[22] 1995-09-14  
[30] US (339,387) 1994-11-14

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[13] C

[51] **Int.Cl. 6A61K 7/13**  
[25] FR  
[54] **PROCEDE DE COLORATION DIRECTE DES FIBRES KERATINIQUES HUMAINES A L'AIDE DE COLORANTS DIRECTS CATIONIQUES ET DE VAPEUR D'EAU**  
[54] **PROCESS FOR THE DIRECT COLORATION OF HUMAN KERATINIC FIBERS USING DIRECT CATIONIC DYES AND WATER VAPOUR**  
[72] Audousset, Marie-Pascale, FR  
[73] L'OREAL, FR  
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[13] C

[51] **Int.Cl. 6H04L 29/02 6H04L 1/18 6H03M 7/30**  
[25] EN  
[54] **DEVICE AND METHOD FOR LIMITING DELAY BY SUBSTANTIAL ELIMINATION OF DUPLICATE SYNCHRONOUS DATA FRAMES IN A COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET METHODE POUR LIMITER LES RETARDS DANS UN SYSTEME DE COMMUNICATION EN ELIMINANT SUBSTANTIELLEMENT LES DEDOUBLEMENTS DE TRAMES DE DONNEES SYNCHRONES**  
[72] Fulling, Frank J., US  
[72] Neagle, William A., US  
[73] MOTOROLA, INC., US  
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[13] C

[51] **Int.Cl. 6A61K 47/16 6A61K 7/00**  
[25] FR  
[54] **UTILISATION DE N-(HYDROXYALKYL)CARBAMATES D'ALKYLE DANS UNE COMPOSITION COSMETIQUE**  
[54] **USE OF ALKYL N-(HYDROXYALKYL)CARBAMATES IN A COSMETIC COMPOSITION**  
[72] Ascione, Jean-Marc, FR  
[72] Bollens, Éric, FR  
[72] Mahieu, Claude, FR  
[72] Philippe, Michel, FR  
[72] Rollat Corvol, Isabelle, FR  
[73] L'OREAL, FR  
[22] 1995-09-28  
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[51] **Int.Cl. 6B01D 53/48 6B01D 53/78**  
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[54] **METHOD FOR DESULFURIZING EXHAUST GAS**  
[54] **METHODE DE DESULFURATION DE GAZ D'ECHAPPEMENT**  
[72] Iiyama, Shigeo, JP  
[72] Ohsaki, Kozo, JP  
[72] Nakagawa, Kenichi, JP  
[73] Toyo Engineering Corporation, JP  
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[13] C

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[25] EN  
[54] **PCI/ISA BRIDGE HAVING AN ARRANGEMENT FOR RESPONDING TO PCI BRIDGE ADDRESS PARITY ERRORS FOR INTERNAL PCI SLAVES IN THE PCI/ISA BRIDGE**  
[54] **PONT PCI-ISA A DISPOSITIF DE REPONSE AUX ERREURS DE PARITE D'ADRESSE DE PONT PCI POUR LES ESCLAVES PCI INTERNES DU PONT PCI-ISA**  
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[72] Wall, William Alan, US  
[72] Cronin, Daniel R., III, US  
[73] International Business Machines Corporation, US  
[22] 1995-10-13  
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[11] **2,160,715**  
[13] C

[51] **Int.Cl. 6B23K 37/04 6B25J 18/00 6B23K 9/28**  
[25] EN  
[54] **PROCESS AND DEVICE FOR WELDING A WELD-ON PART ON A SUPPORTING BOARD**  
[54] **METHODE ET DISPOSITIF POUR LE SOUDAGE D'UNE PIECE RAPPORTEE SUR UN SUPPORT**  
[72] Ilch, Hartmut, DE  
[72] Claussen, Carsten M., DE  
[73] Ilch, Hartmut, DE  
[73] Claussen, Carsten M., DE  
[85] 1995-10-16  
[86] 1994-04-16 (PCT/EP94/01185)  
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[13] C

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[54] **RESEAU ET SERVICE DE TELECOMMUNICATION MULTIMEDIA**  
[72] Ahuja, Sudhir Raman, US  
[72] Aravamudan, Murali, US  
[72] Ramamurthy, Ram S., US  
[72] Ensor, James Robert, US  
[72] Kuthyar, Ashok K., US  
[72] Stuntebeck, Peter H., US  
[72] Weber, Roy Philip, US  
[73] AT&T CORP., US  
[85] 1995-10-18  
[86] 1994-04-15 (PCT/US94/04206)  
[87] (WO94/24803)  
[30] US (051,724) 1993-04-22

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[13] C

[51] **Int.Cl. 6C10G 11/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING INTRODUCTION OF CATALYSTS INTO FCC UNITS**  
[54] **METHODE ET DISPOSITIF POUR CONTROLER L'INTROMISSION DE CATALYSEURS DANS LES UNITES DE CRAQUAGE CATALYTIQUE FLUIDE**  
[72] Bartholic, David B., US  
[72] Lippert, Regis B., US  
[73] Bartholic, David B., US  
[73] Lippert, Regis B., US  
[85] 1995-10-19  
[86] 1994-04-05 (PCT/US94/03712)  
[87] (WO94/24229)  
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[13] C

[51] **Int.Cl. 6H04N 7/18**  
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[54] **ECRAN DE CONTROLE VIDEO POUR ETABLISSEMENTS DE COMMERCE ET AUTRES**  
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[72] Denenberg, Byron A., US  
[72] Kramerich, George L., US  
[73] RCT Systems, Inc., US  
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[13] C

[51] **Int.Cl. 6F16K 31/40**  
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[72] Thomann, Bruno, CH  
[72] Tiefenthaler, Edelbert, AT  
[73] CCI AG, CH  
[22] 1995-11-20  
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[13] C

[51] **Int.Cl. 6H02H 3/10 6H02H 1/00**  
[25] EN  
[54] **POWER CONVERTER PROTECTING APPARATUS FOR ELECTRIC POWER SYSTEM**  
[54] **DISPOSITIF DE PROTECTION DE CONVERTISSEURS DE PUISSANCE DANS UN RESEAU ELECTRIQUE**  
[72] Murakami, Shotaro, JP  
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[54] **ROBINET-VANNE A SIEGES PARALLELES**  
[72] Krieg, Uwe, DE  
[72] Marx, Norbert, DE  
[72] Zosel, Dietrich, DE  
[73] Zimmerman & Jansen GmbH, DE  
[85] 1995-12-19  
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[87] (WO95/29356)  
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[13] C

[51] **Int.Cl. 6H03H 9/15**  
[25] EN  
[54] **PIEZOELECTRIC TRANSFORMER**  
[54] **TRANSFORMATEUR PIEZOELECTRIQUE**  
[72] Kanayama, Kouichi, JP  
[72] Maruko, Nobuhiro, JP  
[73] MITSUI CHEMICALS, INC., JP  
[22] 1995-12-29  
[30] JP (6-339708) 1994-12-30  
[30] JP (7-145577) 1995-05-18  
[30] JP (7-254606) 1995-09-05  
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[13] C

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[25] EN  
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[54] **LAMPE ELECTRIQUE PORTABLE POUR MILIEU DE TRAVAIL DANGEREUX**  
[72] Baggio, Horacio A., US  
[72] Granat, Michael A., US  
[73] WOODHEAD INDUSTRIES, INC., US  
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[13] C

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[25] EN  
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[54] **SYSTEMES DE MARQUAGE POUR SURFACES DIVERSES**  
[72] Morgan, Noredin, US  
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[30] US (391,215) 1995-02-21

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[13] C

[51] **Int.Cl. 6C11D 11/00 6C11D 11/02 6C11D 17/06 6C11D 3/39**  
[25] EN  
[54] **PERCARBONATE BLEACH PARTICLES COATED WITH A PARTIALLY HYDRATED CRYSTALLINE ALUMINOSILICATE FLOW AID**  
[54] **PARTICULES DE BLANCHIMENT A BASE DE PERCARBONATE, REVETUES D'ALUMINOSILICATE CRISTALLISE, PARTIELLEMENT HYDRATE, FACILITANT L'ECOULEMENT**  
[72] Agar, Joseph Thomas Henry, GB  
[72] France, Paul Amaat Raymond Gerard, BE  
[72] Wilkinson, Carole Patricia Denise, BE  
[73] PROCTER & GAMBLE COMPANY (THE), US  
[85] 1996-01-12  
[86] 1994-07-13 (PCT/US94/07876)  
[87] (WO95/02672)  
[30] EP (93870140.6) 1993-07-14

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[13] C

[51] **Int.Cl. 6C11D 17/04 6C11D 3/39**  
[25] EN  
[54] **DETERGENT-PACKAGE COMBINATION**  
[54] **ENSEMBLE DETERGENT ET EMBALLAGE CORRESPONDANT**  
[72] Baillely, Gerard Marcel, GB  
[72] France, Paul Amaat Raymond Gerard, BE  
[72] Wilkinson, Carole Patricia Denise, BE  
[73] PROCTER & GAMBLE COMPANY (THE), US  
[85] 1996-01-12  
[86] 1994-07-13 (PCT/US94/07831)  
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[30] EP (94304555.9) 1994-06-23

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[51] **Int.Cl. 6G06F 3/14**  
[25] EN  
[54] **DEVICE SYNCHRONIZATION ON A GRAPHICS ACCELERATOR**  
[54] **SYNCHRONISATION DE DISPOSITIFS SUR UN ACCELERATEUR GRAPHIQUE**  
[72] Lum, Sanford S., US  
[73] ATI TECHNOLOGIES INC., CA  
[22] 1996-01-22  
[30] US (08/430,236) 1995-04-28

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[13] C

[51] **Int.Cl. 6C07D 409/06 6C07D 401/06 6C07D 211/66**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SUFENTANIL DERIVATIVES BY CARBENE ADDITION/AMINOLYSIS OF 4-PIPERIDONE**  
[54] **PROCEDE DE PREPARATION DE DERIVES DE SUFENTANIL PAR ADDITION DE CARBENE ET AMINOLYSE DE 4-PIPERIDONE**  
[72] Mathew, Jacob, US  
[73] MALLINCKRODT INC., US  
[85] 1996-01-23  
[86] 1994-09-09 (PCT/US94/10179)  
[87] (WO95/09152)  
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[13] C

[51] **Int.Cl. 6C01B 33/18 6C01B 33/025 6C04B 14/04**  
[25] EN  
[54] **METHOD FOR PRODUCTION OF WHITE MICROSILICA**  
[54] **METHODE DE PRODUCTION DE MICROSILICE BLANCHE**  
[72] Dástol, Magne, NO  
[72] Tveit, Halvard, NO  
[72] Dingsoyr, Eldar O., NO  
[72] Ronning, Per, NO  
[72] Hårsaker, Svein, NO  
[73] ELKEM ASA, NO  
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[86] 1994-07-19 (PCT/NO94/00128)  
[87] (WO95/03995)  
[30] NO (932696) 1993-07-27

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[13] C

[51] **Int.Cl. 6B01J 21/08 6B01J 32/00 6C08F 4/02 6C01B 33/18**  
[25] EN  
[54] **GRANULES BASED ON PYROGENICALLY PREPARED SILICON DIOXIDE, METHOD FOR THEIR PREPARATION AND USE THEREOF**  
[54] **GRANULES A BASE DE DIOXYDE DE SILICIUM OBTENUS PAR VOIE PYROGENETIQUE; METHODE DE PREPARATION ET UTILISATION**  
[72] Deller, Klaus, DE  
[72] Krause, Helmfried, DE  
[72] Meyer, Jürgen, DE  
[72] Kerner, Dieter, DE  
[73] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
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[30] DE (195 03 717.0) 1995-02-04  
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[51] **Int.Cl. 6G02C 7/04**  
[25] EN  
[54] **ANNULAR MASK CONTACT LENSES**  
[54] **VERRES DE CONTACT AVEC MASQUE ANNULAIRE**  
[72] Miller, David, US  
[72] Meshel, Leroy, US  
[73] PBH, INC., US  
[85] 1996-02-19  
[86] 1994-09-13 (PCT/US94/10277)  
[87] (WO95/08135)  
[30] US (08/120,970) 1993-09-13

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[11] **2,170,573**  
[13] C

[51] **Int.Cl. 6B32B 3/08 6B05D 1/32**  
[25] EN  
[54] **EDGE TRIMMING TAPE AND METHOD OF MANUFACTURE**  
[54] **RUBAN ADHESIF DE BORDURE; METHODE DE SA FABRICATION**  
[72] Langeman, Gary D., CA  
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[51] **Int.Cl. 6C07C 229/22 6C07C 231/12  
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[54] **O-ACYL SERINES AS  
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[54] **SERINES O-ACYLEES,  
DESODORISANTS**  
[72] Laney, Judith Wolfe, US  
[73] GILLETTE COMPANY (THE), US  
[85] 1996-03-05  
[86] 1994-09-07 (PCT/US94/10046)  
[87] (WO95/07069)  
[30] US (118,188) 1993-09-09

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[11] \* **2,171,855**  
[13] C  
[51] **Int.Cl. 6E21B 43/263 6F42B 1/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR  
PERFORMING AND FRACTURING**  
[54] **DISPOSITIF ET PROCEDE DE  
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[72] Wesson, David S., US  
[73] Marathon Oil Company, US  
[85] 1996-03-14  
[86] 1995-07-28 (PCT/US95/09602)  
[87] (WO96/04521)  
[30] US (286,154) 1994-08-04  
[30] US (489,309) 1995-06-09

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[11] **2,171,997**  
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[51] **Int.Cl. 6H01S 3/02**  
[25] EN  
[54] **SURFACE EMITTING LASER  
HAVING IMPROVED PUMPING  
EFFICIENCY**  
[54] **LASER A EMISSION EN SURFACE  
A RENDEMENT DE POMPAGE  
AMELIORE**  
[72] Damen, Theodoor Charlouis, US  
[73] AT&T IPM CORP., US  
[22] 1996-03-18  
[30] US (417,308) 1995-04-05

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[11] **2,172,461**  
[13] C  
[51] **Int.Cl. 6H02H 3/20**  
[25] EN  
[54] **ELECTRIC SERVICE SAFETY  
DISCONNECT APPARATUS WITH  
OVERVOLTAGE AND OVERCURRENT  
PROTECTION**  
[54] **INTERRUPTEUR DE SECURITE A  
PROTECTION INGEGREE CONTRE  
LES SURTENSIONS ET LES  
SURINTENSITES**  
[72] Robinson, Darrell, US  
[73] EKSTROM INDUSTRIES, INC., US  
[22] 1996-03-22  
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[11] **2,173,267**  
[13] C  
[51] **Int.Cl. 6F16K 11/24 6H01L 21/00**  
[25] EN  
[54] **FLUID CONTROL SYSTEM AND  
VALVE TO BE USED THEREIN**  
[54] **DISPOSITIF DE REGULATION  
FLUIDIQUE; LE ROBINET  
CORRESPONDANT**  
[72] Ohmi, Tadahiro, JP  
[72] Yamaji, Michio, JP  
[72] Ikeda, Nobukazu, JP  
[72] Morokoshi, Hiroshi, JP  
[73] Ohmi, Tadahiro, JP  
[73] FUJIKIN INCORPORATED, JP  
[22] 1996-04-02  
[30] JP (7-178374) 1995-07-14

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[51] **Int.Cl. 6B21F 7/00 6B21C 47/10  
6C21D 9/52**  
[25] EN  
[54] **METHOD FOR TWISTING  
STRAND MATERIAL**  
[54] **METHODE DE TORDAGE DE  
MATERIAU A TORONNER**  
[72] Josoff, Peter Larry, US  
[73] AT&T IPM CORP., US  
[22] 1996-05-16  
[30] US (496,555) 1995-06-29

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[13] C  
[51] **Int.Cl. 6B01J 8/38 6B04C 5/081**  
[25] EN  
[54] **CENTRIFUGAL SEPARATOR IN  
PRESSURE VESSEL**  
[54] **SEPARATEUR CENTRIFUGE DE  
CUVE SOUS PRESSION**  
[72] Hyppänen, Timo, FI  
[72] Isaksson, Juhani, FI  
[72] Provol, Steven, US  
[72] Eriksson, Timo, FI  
[72] Pulkkinen, Teuvo, US  
[73] Foster Wheeler Energia Oy, FI  
[85] 1996-05-17  
[86] 1994-12-09 (PCT/FI94/00558)  
[87] (WO95/15814)  
[30] US (164,888) 1993-12-10

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[13] C  
[51] **Int.Cl. 6H04N 5/64 6H04N 5/60**  
[25] EN  
[54] **HOWLING PHENOMENA  
REMOVING APPARATUS FOR VIDEO  
DISPLAY APPLIANCES**  
[54] **DISPOSITIF ELIMINATEUR DE  
SIFLEMENT POUR APPAREILS  
VIDEO**  
[72] Jeon, Chang Wook, KR  
[72] Jeong, Seok Hwa, KR  
[73] LG Electronics Inc., KR  
[22] 1996-05-23  
[30] KR (P95-15787) 1995-06-14  
[30] KR (P95-26888) 1995-08-28

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[51] **Int.Cl. 6C07C 235/34 6A61K 31/16 6C07D 209/18 6A61K 31/335 6A61K 31/38 6A61K 31/40 6C07C 327/44 6C07D 333/60 6C07D 307/81 6C07D 307/92 6C07D 311/92**  
[25] FR  
[54] **NOUVEAUX COMPOSES ARYLALKYL(THIO)CARBOXAMIDES, LEURS PROCEDES DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NEW ARYLALKYL(THIO)CARBOXAMIDE COMPOUNDS, THEIR PREPARATION PROCESSES AND THE PHARMACEUTICAL COMPOSITIONS THAT CONTAIN THEM**  
[72] Lesieur, Isabelle, FR  
[72] Depreux, Patrick, FR  
[72] LeClerc, Véronique, FR  
[72] Delagrangé, Philippe, FR  
[72] Renard, Pierre, FR  
[72] Guardiola-Lemaitre, Béatrice, FR  
[73] **ADIR ET COMPAGNIE, FR**  
[22] 1996-05-30  
[30] FR (95.06435) 1995-05-31

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[13] C

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[25] EN  
[54] **SERVICE CONTEXT SENSITIVE FEATURES AND APPLICATIONS**  
[54] **FONCTIONS ET APPLICATIONS SENSIBLES AU CONTEXTE DE SERVICE**  
[72] Pinard, Deborah L., CA  
[72] Gray, Thomas A., CA  
[73] Mitel Corporation, CA  
[22] 1996-06-04  
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[13] C

[51] **Int.Cl. 6F16L 19/04 6F01N 7/08**  
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[54] **ANNULAR CLAMPING FLANGES BRIDES DE FIXATION**  
[72] Harth, George C., CA  
[73] Harth, George C., CA  
[22] 1996-06-11  
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[13] C

[51] **Int.Cl. 6H02M 7/44**  
[25] EN  
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[54] **CONVERTISSEUR DE COURANT**  
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[72] Yuki, Kazuaki, JP  
[73] Kabushiki Kaisha Toshiba, JP  
[22] 1996-06-12  
[30] JP (07/145755) 1995-06-13  
[30] JP (08/055032) 1996-03-12

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[13] C

[51] **Int.Cl. 6B25B 7/22**  
[25] EN  
[54] **FOLDING MULTI-TOOL**  
[54] **OUTIL POLYVALENT PLIABLE**  
[72] McIntosh, Herman J., US  
[72] Griffey, Ken E., US  
[72] Cook, Greg, US  
[72] Hinchman, Larry, US  
[73] **BEAR MGC CUTLERY COMPANY, INC., US**  
[22] 1996-06-25  
[30] US (08/609,975) 1996-02-29

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[13] C

[51] **Int.Cl. 6A61B 8/00 6G01N 29/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR POSITIONING AN ULTRASONIC TRANSDUCER AND A DISPLAY SCREEN**  
[54] **METHODE ET DISPOSITIF POUR POSITIONNER UN TRANSDUCTEUR A ULTRASONS ET UN ECRAN D’AFFICHAGE**  
[72] Stouffer, James R., US  
[72] Liu, Yujun, US  
[72] Newman, Steven K., US  
[73] **Animal Ultrasound Services, Inc., US**  
[22] 1996-07-17  
[30] US (08/511,563) 1995-08-04

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[13] C

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **DATABASE DRIVEN AUTOMATIC PROGRAM PRODUCTION SYSTEM**  
[54] **SYSTEME DE PRODUCTION AUTOMATIQUE DE PROGRAMMES PILOTE PAR UNE BASE DE DONNEES**  
[72] Tsuoka, Hideaki, JP  
[73] **NEC CORPORATION, JP**  
[22] 1996-07-30

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[11] **2,182,852**  
[13] C

[51] **Int.Cl. 6H05K 9/00**  
[25] EN  
[54] **SHIELD ASSEMBLY AND METHOD OF SHIELDING SUITABLE FOR USE IN A COMMUNICATION DEVICE**  
[54] **BLINDAGE ET METHODE DE BLINDAGE POUR DISPOSITIF DE COMMUNICATION**  
[72] Matuszewski, Scott William, US  
[72] Lee, Jin Won, US  
[72] Hannon, John Francis, US  
[72] Kimbell, Martin Jennings, US  
[73] **MOTOROLA, INC., US**  
[22] 1996-08-07  
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[13] C

[51] **Int.Cl. 6B65B 11/56**  
[25] EN  
[54] **METHOD AND DEVICE FOR PACKAGING A ROLL FORMED BY A WOUND WEB OF MATERIAL**  
[54] **METHODE ET DISPOSITIF DE CONDITIONNEMENT D’UN MATERIAU BOBINE**  
[72] Conrad, Hans-Rolf, DE  
[73] **VOITH SULZER FINISHING GmbH, DE**  
[22] 1996-08-13  
[30] DE (195 35 189.4) 1995-09-22

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[13] C  
[51] **Int.Cl. 6B01D 21/01 6B03B 9/02**  
[25] EN  
[54] **INCREASING SETTLING RATE OF FINE SOLIDS IN OIL SAND TAILINGS**  
[54] **AMELIORATION DU TAUX DE SEDIMENTATION DES SOLIDES FINS DANS LES RESIDUS DE SABLE BITUMINEUX**  
[72] Smith, Russell G., CA  
[72] Spence, Jonathan R., CA  
[73] PanCanadian Petroleum Limited, CA  
[73] ALBERTA ENERGY COMPANY LTD., CA  
[73] Canadian Occidental Petroleum Ltd., CA  
[73] Esso Resources Canada Limited, CA  
[73] Gulf Canada Resources Limited, CA  
[73] Minister of Energy and Natural Resources, CA  
[73] HBOG-Oil Sands Limited Partnership, CA  
[73] Petro-Canada Inc., CA  
[73] Mocal Energy Limited, CA  
[73] Murphy Oil Company Ltd., CA  
[22] 1996-08-15

[11] **2,183,509**  
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[51] **Int.Cl. 6H03L 7/06 6H02M 3/335**  
[25] EN  
[54] **FLYBACK TRANSFORMER DRIVING APPARATUS FOR VIDEO DISPLAY APPLIANCES**  
[54] **CIRCUIT D'ATTAQUE A TRANSFORMATEUR DE BALAYAGE HORIZONTAL POUR ECRAN VIDEO**  
[72] Park, Kwang Ho, KR  
[73] LG Electronics Inc., KR  
[22] 1996-08-16  
[30] KR (P95-26886) 1995-08-28

[11] **2,183,890**  
[13] C  
[51] **Int.Cl. 6B01J 8/24 6F23C 11/02 6C10J 3/54**  
[25] EN  
[54] **A PRESSURIZED REACTOR SYSTEM AND A METHOD OF OPERATING THE SAME**  
[54] **SYSTEME DE REACTEUR A FLUIDE SOUS PRESSION ET PROCEDE PERMETTANT DE LE FAIRE FONCTIONNER**  
[72] Isaksson, Juhani, FI  
[73] Foster Wheeler Energia OY, FI  
[85] 1996-08-21  
[86] 1995-03-30 (PCT/FI95/00175)  
[87] (WO95/27173)  
[30] US (08/220,387) 1994-03-31

[11] **2,183,894**  
[13] C  
[51] **Int.Cl. 6A01G 13/00 6E01C 13/08**  
[25] EN  
[54] **METHOD FOR REDUCING ABRASION OF TURFGRASS**  
[54] **PROCEDE POUR DIMINUER L'USURE D'UN GAZON**  
[72] Rogers, John N., III, US  
[72] Vanini, Joseph Timothy, US  
[73] Board of Trustees, a Constitutional Corporation, operating Michigan, US  
[85] 1996-08-21  
[86] 1995-04-20 (PCT/US95/04559)  
[87] (WO95/30327)  
[30] US (239,868) 1994-05-09

[11] **2,184,294**  
[13] C  
[51] **Int.Cl. 6A01B 63/16 6A01B 63/24**  
[25] EN  
[54] **ADJUSTABLE GUIDE RIG STRUCTURE FOR AN AGRICULTURAL IMPLEMENT**  
[54] **DISPOSITIF DE GUIDAGE AJUSTABLE POUR MACHINE AGRICOLE**  
[72] Winter, David Carl, US  
[72] Noonan, James Thomas, US  
[72] Lowe, Terry Lee, US  
[73] DEERE & COMPANY, US  
[22] 1996-08-27  
[30] US (08/569,325) 1995-12-06

[11] **2,184,651**  
[13] C  
[51] **Int.Cl. 6B63B 7/02**  
[25] FR  
[54] **BATEAU A PANNEAU DE POUPE PLIANT**  
[54] **BOAT WITH COLLAPSIBLE STERN PANEL**  
[72] Cittadini, Daniel, FR  
[73] Cittadini, Daniel, FR  
[22] 1996-09-03  
[30] FR (95-10378) 1995-09-05

[11] **2,185,074**  
[13] C  
[51] **Int.Cl. 6H04R 1/02 6H04R 17/00 6G01F 23/296**  
[25] EN  
[54] **ULTRASONIC TRANSDUCER**  
[54] **TRANSDUCTEUR A ULTRASONS**  
[72] Eckert, Manfred, DE  
[72] Flögel, Karl, DE  
[72] Schwald, Rolf, DE  
[73] Endress + Hauser GmbH + Co, DE  
[22] 1996-09-09  
[30] EP (95115280.0) 1995-09-28

[11] **2,185,389**  
[13] C  
[51] **Int.Cl. 6H04N 5/14**  
[25] EN  
[54] **AUTOMATIC PICTURE-ADJUSTING APPARATUS OF VIDEO APPLIANCE AND METHOD THEREOF**  
[54] **DISPOSITIF DE REGLAGE AUTOMATIQUE DE L'IMAGE POUR APPAREIL VIDEO ET METHODE DE REGLAGE UTILISEE**  
[72] Park, Kwang Ho, KR  
[73] LG Electronics Inc., KR  
[22] 1996-09-12  
[30] KR (P95-30436) 1995-09-18

[11] **2,185,532**  
[13] C  
[51] **Int.Cl. 6G01P 15/125 6G01D 5/24**  
[25] EN  
[54] **ELECTRODE STRUCTURE AND METHOD FOR ANODICALLY-BONDED CAPACITIVE SENSORS**  
[54] **STRUCTURE ET PROCEDE CONCERNANT UNE ELECTRODE DESTINEE A DES SONDAS CAPACITIVES A LIAISON ANODIQUE**  
[72] Warren, Keith O., US  
[73] Litton Systems, Inc., US  
[85] 1996-09-13  
[86] 1995-03-24 (PCT/US95/03705)  
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[30] US (08/218,711) 1994-03-28

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[25] EN  
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[54] **APPAREIL DE LECTURE-**  
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[72] Kojima, Susumu, JP  
[73] Kabushiki Kaisha Nippon Conlux, JP  
[22] 1996-10-01  
[30] JP (255181/1995) 1995-10-02

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[11] **2,187,099**  
[13] C

[51] **Int.Cl. 6C12N 5/10 6C12Q 1/02**  
[25] EN  
[54] **HUMAN PROSTATIC CELL LINES**  
**IMMORTALIZED BY ADENOVIRUS 12-**  
**SIMIAN VIRUS 40 (AD12/SV40) HYBRID**  
**VIRUS**  
[54] **LIGNEES CELLULAIRES**  
**PROSTATIQUES HUMAINES**  
**IMMORTALISEES PAR UN VIRUS**  
**HYBRIDE DERIVE DE L'ADENOVIRUS**  
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[72] Webber, Mukta M., US  
[72] Rhim, Johng S., US  
[73] Board of Trustees, a constitutional  
Corporation operating Michigan, US  
[73] Department of Health and Human  
Services, US  
[85] 1996-10-03  
[86] 1995-04-24 (PCT/US95/05389)  
[87] (WO95/29994)  
[30] US (234,981) 1994-04-28

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[11] **2,189,230**  
[13] C

[51] **Int.Cl. 6B44F 9/04 6E04F 21/04**  
[25] EN  
[54] **GRID FOR PRODUCING A**  
**PATTERN ON A SURFACE**  
[54] **TRAME PRODUISANT UN MOTIF**  
**SUR UNE SURFACE**  
[72] OLIVER, Gerry Bill, CA  
[72] BURTON, Bruce Loring, CA  
[73] IPC TECHNOLOGIES INC., CA  
[85] 1996-10-30  
[86] 1995-04-21 (PCT/CA95/00236)  
[87] (WO95/29820)  
[30] US (08/237,153) 1994-05-03

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[13] C

[51] **Int.Cl. 6F26B 9/10**  
[25] EN  
[54] **METHOD OF STORING LOGS AND**  
**LUMBER CUT THEREFROM**  
[54] **TECHNIQUE DE STOCKAGE DU**  
**BOIS EN RONDINS OU SCIE**  
[72] Hammer, John F., US  
[73] CORNELIA TEXTILES, INC., US  
[22] 1996-12-17  
[30] US (08/574,399) 1995-12-18

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[13] C

[51] **Int.Cl. 6E02B 15/06 6B63B 27/30**  
**6B65G 67/60**  
[25] FR  
[54] **BARRIERE MARINE**  
**ANTIPOLLUTION**  
[54] **OIL RETENTION BARRIER**  
[72] DUCHESNEAU, Gilles, CA  
[72] BOURQUE, Jean-Pierre, CA  
[73] DUCHESNEAU, Gilles, CA  
[73] BOURQUE, Jean-Pierre, CA  
[22] 1996-12-20

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[11] **2,193,522**  
[13] C

[51] **Int.Cl. 6C07C 211/20 6C07C 211/25**  
[25] FR  
[54] **OLIGOMERES DE 1,3 DIENE**  
**PARTIELLEMENT HYDROGENES**  
**AMINOTELECHELIQUES ET**  
**PROCEDE DE PREPARATION DE CES**  
**COMPOSES**  
[54] **MINOTELECHELIC OLIGOMERS**  
**OF PARTIALLY HYDROGENATED 1,3**  
**DIENE AND METHOD OF PREPARING**  
**THESE COMPOUNDS**  
[72] Cerf, Martine, FR  
[72] Fouquay, Stéphane, FR  
[72] Perthuis, Joël, FR  
[73] ELF ATOCHEM S.A., FR  
[22] 1996-12-19  
[30] FR (95 15 353) 1995-12-22

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[51] **Int.Cl. 6C01B 21/083**  
[25] EN  
[54] **PROCESS FOR NITROGEN**  
**TRIFLUORIDE SYNTHESIS**  
[54] **PROCEDE DE SYNTHESE DE**  
**TRIFLUORURE D'AZOTE**  
[72] Coronell, Daniel Gene, US  
[72] Hsiung, Thomas Hsiao-Ling, US  
[72] Withers, Howard Paul Jr., US  
[72] Woytek, Andrew Joseph, US  
[73] Air Products and Chemicals, Inc., US  
[22] 1997-01-24  
[30] US (08/593,779) 1996-01-30

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[11] **2,196,899**  
[13] C

[51] **Int.Cl. 6C12M 1/34 6G01N 35/02**  
[25] EN  
[54] **COMPACT BLOOD CULTURE**  
**APPARATUS**  
[54] **APPAREIL COMPACT DE**  
**CULTURE DE SANG**  
[72] SCHWARZ, Daniel L., US  
[72] BERNDT, Klaus W., US  
[73] BECTON, DICKINSON AND  
COMPANY, US  
[85] 1997-02-05  
[86] 1996-05-21 (PCT/US96/07299)  
[87] (WO96/39482)  
[30] US (08/470,288) 1995-06-06

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[11] **2,198,487**  
[13] C

[51] **Int.Cl. 6H03J 7/06 6H03L 7/18**  
[25] EN  
[54] **METHOD OF PROGRAMMING A**  
**FREQUENCY SYNTHESIZER AND A**  
**RADIO HAVING A FREQUENCY**  
**SYNTHESIZER**  
[54] **METHODE DE**  
**PROGRAMMATION POUR**  
**SYNTHETISEUR DE FREQUENCE ET**  
**APPAREIL RADIO COMPORANT UN**  
**SYNTHETISEUR DE FREQUENCE**  
[72] EBERHARDT, John E., US  
[72] BANE, Ronald L., US  
[73] MOTOROLA, INC., US  
[85] 1997-02-25  
[86] 1995-08-18 (PCT/US95/10554)  
[87] (WO96/07261)  
[30] US (08/298,492) 1994-08-30

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[13] C

[51] **Int.Cl. 6H04Q 3/545 6H04M 3/42**  
[25] EN  
[54] **AN INTELLIGENT TELECOMMUNICATIONS NETWORK**  
[54] **RESEAU DE TELECOMMUNICATIONS INTELLIGENT**  
[72] GILLMAN, Richard James, GB  
[72] GRIFFITHS, David Richard, GB  
[73] British Telecommunications public limited company, GB  
[85] 1997-03-07  
[86] 1995-09-14 (PCT/GB95/02176)  
[87] (WO96/08909)  
[30] EP (94306804.9) 1994-09-16  
[30] GB (9503939.2) 1995-02-28

[11] **2,200,226**  
[13] C

[51] **Int.Cl. 6H02J 3/36**  
[25] EN  
[54] **SERIES-COMPENSATED CONVERTER STATION**  
[54] **CONVERTISSEUR COMPENSE EN SERIE**  
[72] HOLMGREN, Tommy, SE  
[72] JONSSON, Tomas, SE  
[72] BJORKLUND, Per-Erik, SE  
[72] ASTROM, Urban, SE  
[73] ASEA BROWN BOVERI AB, SE  
[85] 1997-03-17  
[86] 1995-09-11 (PCT/SE95/01020)  
[87] (WO96/09678)  
[30] SE (9403209-1) 1994-09-23

[11] **2,202,123**  
[13] C

[51] **Int.Cl. 6H03H 11/02 6H03K 19/0175**  
[25] EN  
[54] **BI-DIRECTIONAL VOLTAGE TRANSLATOR**  
[54] **DISPOSITIF DE TRANSMISSION DE TENSIONS BIDIRECTIONNEL**  
[72] LUDWIG, Thomas Richard, US  
[72] NG, Richard, US  
[73] Motorola, Inc., US  
[22] 1997-04-08  
[30] US (08/636,358) 1996-04-23

[11] \* **2,204,193**  
[13] C

[51] **Int.Cl. 6A47L 13/26 6B08B 1/00 6A47L 13/03 6A47L 1/08 6B60S 1/46**  
[25] EN  
[54] **COMPACT MULTI-PURPOSE CLEANING DEVICE**  
[54] **DISPOSITIF DE NETTOYAGE COMPACT A USAGES MULTIPLES**  
[72] GILLESPIE, Mary-Lynne M., CA  
[73] GILLESPIE, Mary-Lynne M., CA  
[22] 1997-05-01

[11] **2,211,080**  
[13] C

[51] **Int.Cl. 6A61B 6/03 6G06F 19/00 6G01T 1/161**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETERMINING INTERNAL RADIOACTIVITY AND ABSORBED DOSE ESTIMATES**  
[54] **SYSTEME ET METHODE SERVANT A DETERMINER LA RADIOACTIVITE INTERNE ET LES DOSES ABSORBEES**  
[72] RAUBITSCHKEK, Andrew, US  
[72] WILLIAMS, Lawrence E., US  
[72] LIU, An, US  
[73] CITY OF HOPE, US  
[22] 1997-07-21  
[30] US (08/684,179) 1996-07-19

[11] **2,220,312**  
[13] C

[51] **Int.Cl. 6H04B 1/38 6H04B 14/08**  
[25] EN  
[54] **RADIO RECEIVER AND REBROADCASTER**  
[54] **RECEPTEUR RADIO ET REEMETTEUR**  
[72] NANDHAKUMARAN, Murugesu, CA  
[72] WEGLARZ, Vic, CA  
[73] NANDHAKUMARAN, Murugesu, CA  
[73] WEGLARZ, Vic, CA  
[22] 1998-01-20  
[30] US (60/065,006) 1997-11-10

[11] \* **2,223,903**  
[13] C

[51] **Int.Cl. 6F03D 7/04**  
[25] EN  
[54] **SELF-GOVERNING FLUID ENERGY TURBINE**  
[54] **TURBINE AUTOREGULEE A JET FLUIDE**  
[72] AYLOR, Elmo Edison, US  
[73] Prime Energy Corporation, US  
[85] 1997-12-05  
[86] 1995-06-08 (PCT/US95/07552)  
[87] (WO96/41952)

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[21] <b>2,228,852</b> [13] A1	[21] <b>2,228,861</b> [13] A1	[21] <b>2,229,532</b> [13] A1
[51] <b>Int.Cl. 6A63H 3/06</b> [25] EN [54] <b>PLUG INK PAD APPLICATOR ASSEMBLY OPENER/INSTALLER</b> [54] <b>DISPOSITIF D'OUVERTURE ET D'INSTALLATION DE L'APPLICATEUR D'UN TAMPON ENCREUR</b> [72] GIBSON, Laura, CA [71] POUNDS, Richard A., CA [22] 1998-04-17 [43] 1999-10-17	[51] <b>Int.Cl. 6E04H 12/22 6E02D 27/42</b> [25] EN [54] <b>ADJUSTABLE POSTHOLDER</b> [54] <b>SUPPORT DE POTEAU AJUSTABLE</b> [72] GLOMBOWSKI, Fred, CA [72] KIESLING, Ernst, CA [71] GLOMBOWSKI, Fred, CA [71] KIESLING, Ernst, CA [22] 1998-04-20 [43] 1999-10-20	[51] <b>Int.Cl. 6B01J 20/26 6C09K 3/32</b> [25] EN [54] <b>PRI</b> [54] <b>PRI</b> [72] unknown, ZZ [71] Zymeco Services Corporation, CA [22] 1998-04-20 [43] 1999-10-20
[21] <b>2,228,853</b> [13] A1	[21] <b>2,228,864</b> [13] A1	[21] <b>2,229,538</b> [13] A1
[51] <b>Int.Cl. 6B27B 5/29</b> [25] EN [54] <b>LUBRICATION FOR SAWS</b> [54] <b>LUBRIFICATION POUR SCIES</b> [72] BONAC, Tomo, CA [71] BONAC, Tomo, CA [22] 1998-04-17 [43] 1999-10-17	[51] <b>Int.Cl. 6F03G 1/00</b> [25] EN [54] <b>MODULATED DIAMETER MASS SLIDER PROPULSER</b> [54] <b>PROPULSEUR A GLISSIERE DE DIAMETRE VARIABLE</b> [72] ARNTZ, Friedrich Ottokar Wilhelm, US [71] ARNTZ, Friedrich Ottokar Wilhelm, US [22] 1998-04-20 [43] 1999-10-20	[51] <b>Int.Cl. 6A61J 1/05 6A61J 1/20</b> [25] EN [54] <b>SYSTEM FOR DISPOSAL OF FLUIDS</b> [54] <b>DISPOSITIF D'EVACUATION DE FLUIDES</b> [72] WALKER, Kenneth Gordon, CA [71] WALKER, Kenneth Gordon, CA [22] 1998-04-20 [43] 1999-10-20
[21] <b>2,228,858</b> [13] A1	[21] <b>2,229,527</b> [13] A1	[21] <b>2,229,585</b> [13] A1
[51] <b>Int.Cl. 6A61G 5/10 6A47C 13/00</b> [25] FR [54] <b>LE FAUTEUIL ROULANT-BERCANT</b> [54] <b>ROCKING WHEELCHAIR</b> [72] AUDET, Fernand, CA [71] AUDET, Fernand, CA [22] 1998-04-20 [43] 1999-10-20	[51] <b>Int.Cl. 6F16K 31/62</b> [25] EN [54] <b>PEDAL OPERATED WATER VALVE</b> [54] <b>ROBINET DE PRISE D'EAU ACTIONNE AVEC LE PIED</b> [72] WOLF, Alfred, CA [71] WOLF, Alfred, CA [22] 1998-04-20 [43] 1999-10-20	[51] <b>Int.Cl. 6E04D 13/12 6E04D 15/00 6E06C 9/04 6E06C 7/18</b> [25] EN [54] <b>SHINGLE LADDER(TM) A PERMANENTLY INSTALLED ROOF STEP AND HAND HOLD DEVICE</b> [54] <b>SHINGLE LADDER(MC), MARCHE POUR TOIT ET PRISE DE MAIN INSTALLEES DE FACON PERMANENTE</b> [72] BAKER, Norman John, CA [71] BAKER, Norman John, CA [22] 1998-04-21 [43] 1999-10-21

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[21] **2,229,589**  
[13] A1  
[51] **Int.Cl. 6E04C 1/00 6E04B 7/00 6E04B 2/02 6E04B 1/12 6E04B 1/32**  
[25] EN  
[54] **A DRY-PACK METHOD OF RECYCLING ORGANIC FIBRE AND OTHER POLYMERIC MATERIALS INTO BUILDING BLOCKS**  
[54] **METHODE A SEC POUR RECYCLER, DANS DES BLOCS DE MACONNERIE, DES FIBRES ORGANIQUES ET D'AUTRES MATERIAUX POLYMERISES**  
[72] PLATTS, Robert, CA  
[71] PLATTS, Robert, CA  
[22] 1998-04-22  
[43] 1999-10-22

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[21] **2,229,594**  
[13] A1  
[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **ELECTRO DERMAL ACTIVITY MEASURING DEVICE**  
[54] **DISPOSITIF DE MESURE DE L'ACTIVITE ELECTRODERMALE**  
[72] SIEVER, David R., CA  
[71] SIEVER, David R., CA  
[22] 1998-04-24  
[43] 1999-10-23  
[30] US (09/064,714) 1998-04-23

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[21] **2,230,273**  
[13] A1  
[51] **Int.Cl. 6A61L 9/00**  
[25] FR  
[54] **KAMEKOM SEC**  
[54] **DRY KAMEKOM**  
[72] MÉTHOT, Jean-Louis, CA  
[71] MÉTHOT, Jean-Louis, CA  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,230,277**  
[13] A1  
[51] **Int.Cl. 6A61H 9/00**  
[25] FR  
[54] **JET A AIR POUR BAIGNOIRE A MASSAGE**  
[54] **AIR JET FOR WHIRLPOOL BATH**  
[72] GIGUERE, Martial, CA  
[71] GIGUERE, Martial, CA  
[22] 1998-04-21  
[43] 1999-10-21

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[21] **2,230,285**  
[13] A1  
[51] **Int.Cl. 6H04M 11/08 6H04M 3/42**  
[25] FR  
[54] **PROCEDE PERMETTANT D'EFFECTUER UN ECHANGE DE MESSAGES VOCAUX ENTRE UNE PERSONNE UTILISANT UN TELEPHONE ORDINAIRE ET UNE PERSONNE QUI UTILISE UN ORDINATEUR PERSONNEL BRANCHE AU RESEAU INTERNET**  
[54] **PROCESS ALLOWING AN EXCHANGE OF VOCAL MESSAGES BETWEEN A PERSON USING AN ORDINARY TELEPHONE AND A PERSON USING A PERSONNEL COMPUTER CONNECTED TO THE INTERNET**  
[72] ST-ARNAUD, Luc, CA  
[72] ST-ARNAUD, Luc, CA  
[71] ST-ARNAUD, Luc, CA  
[22] 1998-04-21  
[43] 1999-10-21

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[21] **2,230,288**  
[13] A1  
[51] **Int.Cl. 6E03D 9/05**  
[25] FR  
[54] **ELIMINATEUR D'ODEUR POUR TOILETTE**  
[54] **TOILET ODOUR VACUUM**  
[72] SAADÉ, Gerges, CA  
[71] SAADÉ, Gerges, CA  
[22] 1998-04-23  
[43] 1999-10-23

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[21] **2,231,747**  
[13] A1  
[51] **Int.Cl. 6F16B 12/22**  
[25] FR  
[54] **SYSTEME D'ASSEMBLAGE POUR LE MONTAGE DEMONTAGE D'UN BANC**  
[54] **ASSEMBLY SYSTEM FOR MOUNTING AND DISMOUNTING A BENCH**  
[72] FORTIN, Jean-Guy, CA  
[71] FORTIN, Jean-Guy, CA  
[22] 1998-04-23  
[43] 1999-10-23

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[21] **2,231,991**  
[13] A1  
[51] **Int.Cl. 6G02B 6/22 6H04B 10/18**  
[25] EN  
[54] **HIGH-ATTENUATION FIBER WITH CLADDING MODE SUPPRESSION FOR ALL-FIBER OPTICAL ATTENUATOR**  
[54] **FIBRE A ATTENUATION ELEVEE MUNIE D'UN SUPPRESSEUR DE MODE DE GAINÉ POUR ATTENUATEUR OPTIQUE UTILISANT SEULEMENT DES FIBRES**  
[72] CHENARD, François, CA  
[72] CROTEAU, André, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 1998-04-22  
[43] 1999-10-22

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[21] **2,232,015**  
[13] A1  
[51] **Int.Cl. 6C10B 53/00 6F23G 7/00 6F23G 5/44**  
[25] EN  
[54] **PROCESS FOR THE SELECTIVE AND SAFE RECOVERY OF RESIDUAL GASES FROM A PYROLYSIS REACTION OF SOLID CARBONIZABLE MATERIAL**  
[54] **PROCEDE POUR LA RECUPERATION SELECTIVE ET SURE DE GAZ RESIDUAIRES PROVENANT D'UNE REACTION DE PYROLYSE DE MATIERE CARBONISABLE SOLIDE**  
[72] HEBERT, Paul, CA  
[72] LAMOTHE, Jean-Pierre, CA  
[71] HEBSCO INTERNATIONAL INC., CA  
[22] 1998-04-22  
[43] 1999-10-22

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[21] **2,232,056**  
[13] A1  
[51] **Int.Cl. 6B08B 9/02 6B08B 9/06**  
[25] EN  
[54] **AN APPARATUS FOR CLEANING A CONDUIT**  
[54] **APPAREIL POUR NETTOYER UNE CONDUITE**  
[72] BOURGEOIS, Michel R., CA  
[71] BOURGEOIS, Michel R., CA  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,232,210**  
[13] A1

[51] **Int.Cl. 6A47B 3/091**  
[25] EN  
[54] **FOLDING TABLE LEG APPARATUS**  
[54] **APPAREIL SERVANT A PLIER LES PATTES DE TABLE**  
[72] GAYHART, Jon W., US  
[72] HORNBERGER, Tim G., US  
[71] KRUEGER INTERNATIONAL, INC., US  
[22] 1998-04-22  
[43] 1999-10-22

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[21] **2,232,540**  
[13] A1

[51] **Int.Cl. 6H02B 1/00**  
[25] FR  
[54] **BOITE DE TRANSFERT RESIDENTIEL ENTRE UNE COMPAGNIE D'ELECTRICITE ET UNE GENERATRICE**  
[54] **RESIDENTIAL TRANSFER BOX BETWEEN AN ELECTRIC UTILITY COMPANY AND A GENERATOR**  
[72] LACROIX, Jacques, CA  
[71] DETTSON INC., CA  
[22] 1998-04-22  
[43] 1999-10-22

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[21] **2,233,414**  
[13] A1

[51] **Int.Cl. 6G04B 21/08 6G04B 19/00 6G04B 47/04**  
[25] FR  
[54] **COMPTEUR A REBOURS ANIME**  
[54] **ANIMATED COUNTDOWN COUNTER**  
[72] DALLAIRE, Normand, CA  
[71] KAMINO, CA  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,233,509**  
[13] A1

[51] **Int.Cl. 6A01D 46/00**  
[25] FR  
[54] **CUEILLOIR**  
[54] **FRUIT-PICKER**  
[72] GAGNON, Gérald, CA  
[71] GAGNON, Gérald, CA  
[22] 1998-04-22  
[43] 1999-10-22

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[21] **2,233,531**  
[13] A1

[51] **Int.Cl. 6E02D 37/00 6E04B 1/41**  
[25] FR  
[54] **ATTACHE MECANIQUE**  
[54] **MECHANICAL FASTENER**  
[72] RACETTE, Line, CA  
[71] NATIONAL FISSURES INC., CA  
[22] 1998-04-21  
[43] 1999-10-21

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[21] **2,234,928**  
[13] A1

[51] **Int.Cl. 6E03D 5/02**  
[25] EN  
[54] **TOILET FLUSHING APPARATUS**  
[54] **APPAREIL POUR TIRER LA CHASSE D'EAU**  
[72] MASERUKA, Geoffrey, CA  
[71] MASERUKA, Geoffrey, CA  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,234,936**  
[13] A1

[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **COMPOSITION FOR AND TREATMENT OF INFLAMMATORY BOWEL DISEASE BY COLON ADMINISTRATION OF N-ACETYLGLUCOSAMINE**  
[54] **COMPOSITION POUR TRAITER UNE AFFECTION INTESTINALE INFLAMMATOIRE PAR L'ADMINISTRATION DE N-ACETYLGLUCOSAMINE PAR LE COLON ET TRAITEMENT CONNEXE**  
[72] FRENCH, Ian W., GB  
[72] MURCH, Simon, GB  
[71] GLUCOGENICS PHARMACEUTICALS INC., CA  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,234,963**  
[13] A1

[51] **Int.Cl. 6F16M 13/00 6F16L 3/01 6B60T 17/04 6B61G 5/06**  
[25] EN  
[54] **SELECTIVELY ADJUSTABLE SUSPENSION SUPPORT**  
[54] **SUPPORT DE SUSPENSION A AJUSTEMENT SELECTIF**  
[72] FREMUND, Zdenek A., US  
[71] CARL STAHL SAVA INDUSTRIES, INC., US  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,234,974**  
[13] A1

[51] **Int.Cl. 6B60T 1/04**  
[25] EN  
[54] **AUTOMATIC WHEEL CHOCK SYSTEM**  
[54] **SYSTEME DE CALAGE DE ROUE AUTOMATIQUE**  
[72] ALEXANDER, James C., CA  
[71] UNITED DOMINION IND., INC., US  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,235,079**  
[13] A1

[51] **Int.Cl. 6E01F 15/14**  
[25] EN  
[54] **LOADING DOCK WITH ADJUSTABLE BUMPERS**  
[54] **QUAI DE CHARGEMENT AVEC BALLONS AJUSTABLES**  
[72] ALEXANDER, James C., CA  
[71] UNITED DOMINION IND., INC., US  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,235,084**  
[13] A1

[51] **Int.Cl. 6F24F 13/20**  
[25] EN  
[54] **METHOD OF RETROFITTING VENTILATION SYSTEMS WITH SECURITY GRILLES**  
[54] **METHODE D'ADAPTATION DE SYSTEMES DE VENTILATION AU MOYEN DE GRILLES DE SECURITE**  
[72] TIEDE, Irvin Richard, CA  
[71] TIEDE, Irvin Richard, CA  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,235,085**  
[13] A1  
[51] **Int.Cl. 6E21B 43/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR STIMULATING HEAVY OIL PRODUCTION**  
[54] **METHODE ET APPAREIL POUR FAVORISER UNE PRODUCTION DE PETROLE ACCRUE**  
[72] NENNIGER, John, CA  
[71] NENNIGER, John, CA  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,235,175**  
[13] A1  
[51] **Int.Cl. 6C08F 4/68**  
[25] EN  
[54] **OLEFIN POLYMERIZATION PROCESS AND CATALYST SYSTEM THEREFOR**  
[54] **PROCESSUS DE POLYMERISATION OLEFINIQUE ET SYSTEME CATALYSEUR CONNEXE**  
[72] ZAHALKA, HAYDER A., CA  
[71] BAYER INC., CA  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,235,190**  
[13] A1  
[51] **Int.Cl. 6B61D 3/18**  
[25] EN  
[54] **AUTORACK RAILCAR ADJUSTABLE DECKING STRUCTURE AND METHOD**  
[54] **STRUCTURE DE PLANCHER REGLABLE POUR CHARGEMENT SUR WAGON D'AUTOMOBILES ET METHODE CONNEXE**  
[72] KHATTAB, Mohamed A., CA  
[71] NATIONAL STEEL CAR LIMITED, CA  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,235,093**  
[13] A1  
[51] **Int.Cl. 6G01N 23/00 6G01N 23/02 6G01N 29/08 6G01N 33/46**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVED IDENTIFICATION OF PROBABLE DEFECTS IN A WORKPIECE**  
[54] **METHODE ET APPAREIL POUR UNE MEILLEURE DETERMINATION DES DEFAUTS PROBABLES D'UNE PIECE A TRAVAILLER**  
[72] WOODS, Steve C., CA  
[72] McGUIRE, Michael, CA  
[72] FLATMAN, Carl, CA  
[71] NEWNES MACHINE LTD., CA  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,235,176**  
[13] A1  
[51] **Int.Cl. 6G01N 21/88 6G11B 23/00 6G05B 15/02 6G01N 22/02 6G01P 3/02 6G01N 29/04 6G01N 23/18 6G01N 27/20 6G01N 27/24 6G01N 27/61 6G01N 25/72 6G01N 27/82**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVED INSPECTION AND CLASSIFICATION OF ATTRIBUTES OF A WORKPIECE**  
[54] **METHODE ET APPAREIL POUR L'INSPECTION ET LA CLASSIFICATION AMELIOREES DES ATTRIBUTS D'UNE PIECE A TRAVAILLER**  
[72] SKOCIC, Zvonimir, CA  
[72] JOHNSON, Emeric, CA  
[72] McGUIRE, Michael, CA  
[72] OGLOFF, Harry, CA  
[72] WOODS, Steve C., CA  
[71] NEWNES MACHINE LTD., CA  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,235,194**  
[13] A1  
[51] **Int.Cl. 6A01G 3/06**  
[25] EN  
[54] **TRIMMER GUIDE**  
[54] **GUIDE DE TONDEUSE A FIL NYLON**  
[72] KITZ, Robert Earl, US  
[71] DEERE & COMPANY, US  
[22] 1998-05-15  
[43] 1999-10-21  
[30] US (09/063,426) 1998-04-21

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[21] **2,235,170**  
[13] A1  
[51] **Int.Cl. 6H01B 13/02 6D07B 3/00**  
[25] EN  
[54] **APPARATUS FOR HELICALLY ASSEMBLING AT LEAST TWO FILAMENTS**  
[54] **APPAREIL POUR ASSEMBLER, EN FORME D'HELICE, AU MOINS DEUX FILAMENTS**  
[72] BRAZEAU, Michel, CA  
[71] Lefebvre Frères Limitée, CA  
[22] 1998-04-17  
[43] 1999-10-17

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[21] **2,235,187**  
[13] A1  
[51] **Int.Cl. 6B66F 7/08**  
[25] EN  
[54] **AUTOMOTIVE LIFT**  
[54] **PONT ELEVATEUR POUR VEHICULES**  
[72] WALTERS, Ray A., CA  
[72] OTEMA, MARTIN, CA  
[72] STEWART, Jeffrey A., CA  
[71] OTEMA, MARTIN, CA  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,235,196**  
[13] A1  
[51] **Int.Cl. 6E21B 49/06 6E21B 25/16**  
[25] EN  
[54] **METHOD FOR TAKING A SOIL SAMPLE FROM A HORIZONTAL BOREHOLE**  
[54] **METHODE D'ECHANTILLONNAGE DU SOL A PARTIR D'UN TROU DE FORAGE HORIZONTAL**  
[72] ARIARATNAM, Samuel Thevasagayam, CA  
[72] ALLOUCHE, Erez Nissim, CA  
[72] BIGGAR, Kevin William, CA  
[72] COMO, Casey Edwin, CA  
[71] ARIARATNAM, Samuel Thevasagayam, CA  
[71] ALLOUCHE, Erez Nissim, CA  
[71] BIGGAR, Kevin William, CA  
[71] COMO, Casey Edwin, CA  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,235,204**  
[13] A1

[51] **Int.Cl. 6E21B 49/06 6E21B 25/16**  
[25] EN  
[54] **SOIL SAMPLER FOR TAKING MULTIPLE SOIL SAMPLES FROM HORIZONTAL BOREHOLES**  
[54] **SONDE PEDOLOGIQUE SERVANT A PRENDRE DE MULTIPLES ECHANTILLONS DU SOL A PARTIR DE TROUS DE FORAGE HORIZONTALAUX**  
[72] COMO, Casey Edwin, CA  
[72] ALLOUCHE, Erez Nissim, CA  
[72] BIGGAR, Kevin William, CA  
[72] ARIARATNAM, Samuel  
Thevasagayam, CA  
[71] COMO, Casey Edwin, CA  
[71] ALLOUCHE, Erez Nissim, CA  
[71] BIGGAR, Kevin William, CA  
[71] ARIARATNAM, Samuel  
Thevasagayam, CA  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,235,235**  
[13] A1

[51] **Int.Cl. 6A62B 1/20 6F16L 11/14**  
[25] EN  
[54] **FIREPROOF WATER-COOLED ESCAPE CABLE AND METHOD**  
[54] **MANCHE D'EVACUATION IGNIFUGE REFROIDI A L'EAU ET METHODE D'UTILISATION CONNEXE**  
[72] PARADISE, William, US  
[71] PARADISE, William, US  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,235,242**  
[13] A1

[51] **Int.Cl. 6B61D 3/18**  
[25] EN  
[54] **AUTORACK RAILCAR STRUCTURE**  
[54] **STRUCTURE DE WAGON POUR CHARGEMENT D'AUTOMOBILES**  
[72] KHATTAB, Mohamed A., CA  
[71] National Steel Car Limited, CA  
[22] 1998-04-20  
[43] 1999-10-20

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[21] **2,235,248**  
[13] A1

[51] **Int.Cl. 6F04C 19/00 6F04C 29/08**  
[25] EN  
[54] **IMPROVED AIR INTAKE APPARATUS FOR LIQUID RING VACUUM PUMP**  
[54] **APPAREIL AMELIORE D'ENTREE D'AIR POUR POMPE A VIDE A ANNEAU LIQUIDE**  
[72] WALLACE, Tommy Michael, US  
[72] WUNNER, Charles Hamilton, US  
[71] Vooner Vacuum Pumps, Inc., US  
[22] 1998-04-21  
[43] 1999-10-21

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[21] **2,235,262**  
[13] A1

[51] **Int.Cl. 6B29C 45/36**  
[25] EN  
[54] **MOLD CENTERING ARRANGEMENT FOR INJECTION MOLDING APPARATUS**  
[54] **DISPOSITIF DE CENTRAGE DE MOULE POUR APPAREIL DE MOULAGE PAR INJECTION**  
[72] KLANFAR, Joseph Robert, CA  
[72] LEE, Kyung-Tae, CA  
[72] TRAVAGLINI, Vincent, CA  
[71] TRADESCO MOLD LIMITED, CA  
[22] 1998-04-21  
[43] 1999-10-21

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[21] **2,235,309**  
[13] A1

[51] **Int.Cl. 6F16F 15/02 6B64D 47/00 6G10K 11/16 6B64C 1/40**  
[25] EN  
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[54] **DISPOSITIF ANTIVIBRATIONS ET ANTI-BRUIT, NOTAMMENT POUR LES AERONEFS**  
[72] GREWAL, Anant K.S., CA  
[72] MACMARTIN, Douglas G., US  
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[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
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[54] **DISPOSITIF DE DISTRIBUTION D'ALIMENTS**  
[72] ADAMS, John R. G., CA  
[71] Bunn's (Bermuda) Limited, BM  
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[54] **RETAINER FOR TENDONS USED IN THE RECONSTRUCTION OF THE ANTERIOR CRUCIATE LIGAMENT OF THE KNEE**  
[54] **ATELLE POUR TENDONS UTILISEE DANS LA RECONSTRUCTION DU LIGAMENT CROISE ANTERIEUR DU GENOU**  
[72] CONTEDEUCA, Fabio, IT  
[72] FERRETTI, Andrea, IT  
[71] CITIEFFE S.r.l., IT  
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[54] **DISPOSITIF HYDRAULIQUE ETANCHE POUR CHAISE DE BARBIER ET CHAISES SEMBLABLES**  
[72] KIGEL, Rudolf, CA  
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[54] **CLEANING METHOD FOR  
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[72] SCOTTO, Alain, FR  
[72] JANIN, Jean Louis, FR  
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BARBECUE**  
[54] **ABRI POUR BBQ**  
[72] TOWNSEND, Bruce, CA  
[72] DAJNKO, Milan, CA  
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[25] EN  
[54] **BIOLOGICAL PROCESS FOR  
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[54] **PROCEDE BIOLOGIQUE DE  
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[72] SINGH, Ajay, CA  
[72] WARD, Owen P., CA  
[71] PETROZYME TECHNOLOGIES INC.,  
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[51] **Int.Cl. 6A23L 1/025 6A23L 3/005  
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[25] EN  
[54] **CAPACITIVE DIELECTRIC  
HEATING SYSTEM FOR FOODS**  
[54] **SYSTEME DE CHAUFFAGE  
DIELECTRIQUE CAPACITIF POUR  
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[72] PARK, Jae W., US  
[72] KOLBE, Edward R., US  
[72] WELLS, John Henry, US  
[72] ZHAO, Yanyun, US  
[72] FLUGSTAD, Benjamin A., US  
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REDEFINE AVAILABLE BANDWIDTH**  
[54] **UTILISATION DE FACTEURS  
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[72] HOLLOWAY, Mike, CA  
[72] BROWN, Bruce, CA  
[71] Newbridge Networks Corporation, CA  
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[54] **CHAISE PLIANTE AMELIOREE**  
[72] REEVES, Christina Mary, CA  
[72] REEVES, Christopher James, CA  
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[51] **Int.Cl. 6H04M 3/22**  
[25] EN  
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[54] **SYSTEME DE TELEPHONIE  
CENTRAL A FONCTIONS MULTIPLES**  
[72] PRINCE, Gilles, CA  
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[25] EN  
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CONTAINING ARSENIC**  
[54] **METHODE DE TRAITEMENT DES  
DEPOTS CONTENANT DE L'ARSENIC**  
[72] FUJITA, Hiroshi, JP  
[72] TAO, Koosoo, JP  
[72] YOKOSE, Mamoru, JP  
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[54] **IMPROVED PROCESS FOR THE  
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OLEFINS**  
[54] **PROCEDE AMELIORE POUR LA  
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[72] MARINANGELI, Richard E., US  
[72] BRANDVOLD, Timothy A., US  
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[51] **Int.Cl. 6A61C 1/05 6A61C 3/02**  
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REBUILD METHOD**  
[54] **PRESSE DENTAIRE ET METHODE  
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[72] MUTCHLER, Francis M., US  
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[25] EN  
[54] **DENTAL HANDPIECE TURBINE REBUILD JIG APPARATUS**  
[54] **GABARIT POUR RESTAURER LA TURBINE D'UNE PIECE A MAIN DENTAIRE**  
[72] MUTCHLER, Francis M., US  
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[54] **CHAMP DE TIR DE RONDELLES DE HOCKEY**  
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[13] A1

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[54] **CAPTEUR THERMIQUE PROGRAMMABLE POUR SYSTEME DE SECURITE**  
[72] HANDLEY, Luke, CA  
[72] PARKER, James, CA  
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[54] **CONTINUOUS PRODUCTION METHOD OF FROZEN BEAN CURD, AND THE APPARATUS THEREOF**  
[54] **METHODE DE FABRICATION CONTINUE DE TOFU CONGELE ET APPAREIL CONNEXE**  
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[51] **Int.Cl. 6A61C 8/00 6A61C 13/30**  
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[54] **INTEGRAL GUIDED TISSUE REGENERATION BARRIER FOR ROOT-FORM DENTAL IMPLANT**  
[54] **BARRIERE INTEGRALE POUR LA REGENERATION TISSULAIRE GUIDEE POUR LES IMPLANTS DENTAIRES INTRAOSSEUX**  
[72] SCHAPPERT, Douglas Alan, CA  
[71] SCHAPPERT, Douglas Alan, CA  
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[13] A1

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[25] EN  
[54] **HIGH TORQUE PRESSURE SLEEVE FOR EASILY DRILLABLE CASING EXIT PORTS**  
[54] **MANCHON A COUPLE ELEVEE DESTINEE AUX ORIFICES DE SORTIE D'UN TUBAGE A FORAGE FACILE**  
[72] NISTOR, RADU NICOLAE, CA  
[71] DRESSER INDUSTRIES, INC., US  
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[54] **CONTENEUR DE DRAINAGE DE FILTRES A HUILE ET SYSTEME DE RECUPERATION**  
[72] SAGE, Gary, US  
[71] SAGE, Gary, US  
[22] 1998-05-29  
[43] 1999-10-20  
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[51] **Int.Cl. 6F21V 23/00 6F21L 11/00 6E01F 9/016**  
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[54] **ASSEMBLAGE D'ECLAIRAGE A ENERGIE SOLAIRE HERMETIQUE**  
[72] GREEN, David R., CA  
[72] KENDRICK, Edward L., CA  
[71] CARMANAH TECHNOLOGIES LTD., CA  
[22] 1998-06-18  
[43] 1999-10-23  
[30] US (09/065,382) 1998-04-23

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[13] A1

[51] **Int.Cl. 6B01D 61/18**  
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[54] **APPARATUS FOR THE FILTERING AND SEPARATION OF FLOW MEDIA WITH AT LEAST ONE PERMEATE OUTLET**  
[54] **APPAREIL DE FILTRAGE ET DE SEPARATION DE MILIEUX D'ECOULEMENT A L'AIDE D'AU MOINS UNE SORTIE PERMEABLE**  
[72] HEINE, Wilhelm, DE  
[71] ROCHEM RO-WASSERBEHANDLUNG GMBH, DE  
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[54] **LIGHTER**  
[54] **DISPOSITIF D'ALLUMAGE**  
[72] WANG, Zhengge, CA  
[71] FINETECH ENTERPRISES LTD., CA  
[22] 1998-06-23  
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[51] **Int.Cl. 6F23Q 2/34 6F23Q 2/16 6F23Q 2/28**  
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[54] **BRIQUET**  
[72] WANG, Zhengge, CA  
[71] FINETECH ENTERPRISES LTD., CA  
[22] 1998-06-23  
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[51] **Int.Cl. 6H01R 13/58**  
[25] EN  
[54] **FEMALE RECEPTACLE WITH RETAINING DEVICE FOR SECURING MALE PLUG TO FEMALE RECEPTACLE**  
[54] **PRISE FEMELLE MUNIE D'UN DISPOSITIF DE RETENUE POUR FIXER LA PRISE MALE A LA PRISE FEMELLE**  
[72] SHYMKO, Wayne W., CA  
[71] SHYMKO, Wayne W., CA  
[22] 1998-07-27  
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[51] **Int.Cl. 6G07F 7/12**  
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[54] **CARD TRANSACTION SETTLEMENT METHOD IN POINT OF SALE SYSTEMS**  
[54] **METHODE DE REGLEMENT DE TRANSACTION DE CARTE DANS LES SYSTEMES DE POINT DE VENTE**  
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[72] KIM, Kang Hyoung, KR  
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[54] **ROBINET DE PRISE D=EAU ACTIONNE AU PIED**  
[72] WOLF, Alfred, CA  
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[22] 1998-08-26  
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[51] **Int.Cl. 6H04R 25/00 6G08C 17/00**  
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[54] **TELEMETRY SYSTEM AND METHOD**  
[54] **SYSTEME DE TELEMESURE ET METHODE CONNEXE**  
[72] SANCHEZ, Henry L., US  
[71] MITEL SEMICONDUCTOR INC., US  
[22] 1998-07-30  
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[51] **Int.Cl. 6E06B 7/16 6A61G 11/00 6A01K 41/00**  
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[54] **INCUBATEUR ET SYSTEME D'ETANCHEITE POUR LEDIT INCUBATEUR**  
[72] NEWMAN, Mark A., US  
[71] LAB-LINE INSTRUMENTS, INC., US  
[22] 1998-08-19  
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[51] **Int.Cl. 6F24D 19/10 6F24D 3/00**  
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[54] **CONTROLE DE REMISE A L'ETAT INITIAL D'UN SYSTEME DE CHAUFFAGE PAR RAYONNEMENT**  
[72] STEGE, Daniel K., US  
[72] MICHAUD, Roger P., US  
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[25] EN  
[54] **IMPROVED METHOD AND APPARATUS FOR OBTAINING ATTITUDE UPDATES IN A STRAPDOWN INERTIAL NAVIGATION SYSTEM**  
[54] **METHODE ET APPAREIL AMELIORES POUR OBTENIR DES RECALAGES D'ATTITUDE DANS UN SYSTEME INERTIEL DE NAVIGATION A COMPOSANTS LIES**  
[72] TAZARTES, Daniel A., US  
[72] LITMANOVICH, Yury A., RU  
[72] MARK, John G., US  
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[25] EN  
[54] **HIGH PRESSURE LOW COST PRESTRESSED COMPOSITE WRAPPED TRANSMISSION LINE SYSTEM**  
[54] **SYSTEME DE PIPELINE ENVELOPPE, A PRIX ABORDABLE, FAIT EN MATERIAU COMPOSITE ET PRECONTRAINTE**  
[72] POPELAR, Carl Harry, US  
[72] RENNICK, Timothy Stewart, US  
[72] PATTON, Edward Matthew, US  
[71] SOUTHWEST RESEARCH INSTITUTE, US  
[22] 1998-09-23  
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[13] A1

[51] **Int.Cl. 6E04B 1/16**  
[25] EN  
[54] **METHOD FOR REINFORCING WALL STRUCTURE**  
[54] **METHODE DE RENFORCEMENT D'UN MUR**  
[72] OUCHI, Hajime, JP  
[71] OBAYASHI CORPORATION, JP  
[22] 1998-10-21  
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[54] **IMPROVEMENTS IN STORAGE AND DISPLAY DEVICES**  
[54] **AMELIORATIONS DU MATERIEL D'ENTREPOSAGE ET DE PRESENTATION**  
[72] YOUNG, Geoff, GB  
[71] PRISM LEISURE CORPORATION PLC, GB  
[22] 1998-10-30  
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[54] **APPARATUS FOR ENHANCED RECOVERY OF VISCOUS OIL DEPOSITS**  
[54] **APPAREIL FAVORISANT LA RECUPERATION DE DEPOTS D'HYDROCARBURES VISQUEUX**  
[72] SNOW, Dennis M., US  
[72] O'CONNELL, Timothy A., US  
[71] TEXACO DEVELOPMENT CORPORATION, US  
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[25] EN  
[54] **MAGNESIUM OMEPRAZOLE AND PROCESS FOR ITS PREPARATION**  
[54] **OMEPRAZOLE DE MAGNESIUM ET PROCESSUS DE PREPARATION DE CELUI-CI**  
[72] MACEL, Bob, CA  
[71] TORCAN CHEMICAL LTD., CA  
[22] 1998-11-20  
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[13] A1

[51] **Int.Cl. 6E06B 1/52 6E06B 1/12**  
[25] EN  
[54] **SECURED MULLION LATCH AND POST**  
[54] **LOQUET SECURISE DE MONTANT DE PORTES DOUBLES ET MONTANT DE PORTE**  
[72] MAMCHYCH, Victor, CA  
[71] MAMCHYCH, Victor, CA  
[22] 1998-12-01  
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[25] EN  
[54] **OPTIONAL PLUG CONNECTOR FOR A TRANSFER SWITCH HAVING A TERMINAL COMPARTMENT**  
[54] **FICHE OPTIONNELLE POUR COMMUTATEUR DE TRANSFERT DOTE D'UN COMPARTIMENT TERMINAL**  
[72] FLEGEL, David D., US  
[71] RELIANCE TIME CONTROLS, INC., US  
[22] 1998-12-07  
[43] 1999-10-17  
[30] US (09/062,257) 1998-04-17

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[13] A1

[51] **Int.Cl. 6C08K 9/04 6C09K 3/00 6C08K 3/34 6C01B 33/44**  
[25] EN  
[54] **CLAY/ORGANIC CHEMICAL COMPOSITIONS USEFUL AS ADDITIVES TO POLYMER, PLASTIC AND RESIN MATRICES TO PRODUCE NANOCOMPOSITES AND NANOCOMPOSITES CONTAINING SUCH COMPOSITIONS**  
[54] **COMPOSITIONS D'ARGILE ORGANIQUE UTILES EN TANT QU'ADDITIFS AU POLYMER, AU PLASTIQUE ET AUX RESINES MATRICES POUR PRODUIRE DES NANOCOMPOSITES ET DES NANOCOMPOSITES CONTENANT DE TELLES COMPOSITIONS**  
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[72] ROSS, Mark, US  
[71] RHEOX, INC., US  
[22] 1998-12-08  
[43] 1999-10-22  
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[51] **Int.Cl. 6B66C 23/69 6B66C 23/14 6B66C 23/683**  
[25] EN  
[54] **TELESCOPIC BOOM**  
[54] **FLECHE TELESCOPIQUE**  
[72] HAYAKAWA, Yoichi, JP  
[72] SUZUKI, Takuo, JP  
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[72] NAGAO, Makoto, JP  
[71] KABUSHIKI KAISHA AICHI CORPORATION, JP  
[22] 1999-01-13  
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[13] A1  
[51] **Int.Cl. 6E02F 3/48 6E02F 9/02**  
[25] EN  
[54] **DRAGLINE WALKING MECHANISM WITH IMPROVED PLANETARY TRANSMISSION**  
[54] **MECANISME ROBOTISE POUR PELLE A BENNE TRAINANTE AVEC BOITE DE VITESSES A ENGRENAGES PLANETAIRES AMELIOREE**  
[72] KALLENBERGER, Harvey J., US  
[71] HARNISCHFEGER TECHNOLOGIES, INC., US  
[22] 1999-01-25  
[43] 1999-10-22  
[30] US (09/064,537) 1998-04-22

[21] **2,260,382**  
[13] A1  
[51] **Int.Cl. 6B41F 13/02 6B41F 21/00 6B41F 13/22**  
[25] EN  
[54] **DRUM PLATEN TYPE PRINTING MACHINE FOR PRINTING ON REGULAR AND CARD-STOCK SUBSTRATES**  
[54] **MACHINE A TAMBOUR ET A PLATINE POUR IMPRIMER SUR DES SUPPORTS REGULIERS ET DES CARTES-COPIES**  
[72] TEUMER, Roger G., US  
[72] WITTMAN, George, US  
[71] XEROX CORPORATION, US  
[22] 1999-01-29  
[43] 1999-10-23  
[30] US (09/065,189) 1998-04-23

[21] **2,260,514**  
[13] A1  
[51] **Int.Cl. 6E21B 19/16 6B23P 19/04**  
[25] EN  
[54] **BACK-UP TONG BODY**  
[54] **CORPS DE PINCES DE SUPPORT**  
[72] DLASK, Jiri, CA  
[72] RIGBY, Darrall, CA  
[71] WHITE BEAR ENERGY SERVICES LTD., CA  
[22] 1999-01-28  
[43] 1999-10-20  
[30] US (09/062,612) 1998-04-20

[21] **2,260,521**  
[13] A1  
[51] **Int.Cl. 6E21B 19/16 6B25B 13/50**  
[25] EN  
[54] **ROTATABLE DIE HOLDER**  
[54] **PORTE-FILIERE ROTATIF**  
[72] RIGBY, Darrall, CA  
[72] DLASK, Jiri, CA  
[71] WHITE BEAR ENERGY SERVICES LTD., CA  
[22] 1999-01-28  
[43] 1999-10-20  
[30] US (09/062,611) 1998-04-20

[21] **2,261,221**  
[13] A1  
[51] **Int.Cl. 6F15B 15/14 6F16J 10/02**  
[25] EN  
[54] **IMPROVED CYLINDER**  
[54] **CYLINDRE AMELIORE**  
[72] KING, Jeffrey R., US  
[71] KING, Jeffrey R., US  
[22] 1999-02-17  
[43] 1999-10-21  
[30] US (09/063,662) 1998-04-21  
[30] US (09/187,312) 1998-11-04

[21] **2,261,421**  
[13] A1  
[51] **Int.Cl. 6B26B 21/40**  
[25] EN  
[54] **DISPOSABLE CARTRIDGE HOLDER FOR SINGLE DIRECTION PIVOTING CARTRIDGE**  
[54] **SUPPORT DE CARTOUCHE JETABLE POUR CARTOUCHE PIVOTANTE UNIDIRECTIONNELLE**  
[72] COFFIN, David C., US  
[72] PENNELLA, Andrew J., US  
[71] WARNER-LAMBERT COMPANY, US  
[22] 1999-02-09  
[43] 1999-10-22  
[30] US (09/064,201) 1998-04-22

[21] **2,261,530**  
[13] A1  
[51] **Int.Cl. 6G01J 3/02 6G01N 21/25 6G01J 3/42**  
[25] EN  
[54] **PHOTOMETRIC READHEAD WITH LIGHT-SHAPING PLATE**  
[54] **TETE DE LECTURE PHOTOMETRIQUE MUNIE D'UNE PLAQUE MODIFICATRICE DE LUMIERE**  
[72] DOSMANN, Andrew J., US  
[71] BAYER CORPORATION, US  
[22] 1999-02-15  
[43] 1999-10-20  
[30] US (062,987) 1998-04-20

[21] **2,261,826**  
[13] A1  
[51] **Int.Cl. 6H04L 27/00 6H03M 7/20 6H04L 27/36 6H04L 27/38**  
[25] EN  
[54] **DIGITAL MODULATION SYSTEM USING EXTENDED CODE SET**  
[54] **SYSTEME DE MODULATION NUMERIQUE SE SERVANT D'UN JEU ETENDU D'ELEMENTS DE CODE**  
[72] van NEE, Richard D. J., NL  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-02-15  
[43] 1999-10-22  
[30] US (09/064,188) 1998-04-22

[21] **2,262,123**  
[13] A1  
[51] **Int.Cl. 6H04M 1/00 6H04M 1/02 6H04Q 7/32**  
[25] FR  
[54] **TERMINAL DE RADIOCOMMUNICATION**  
[54] **RADIOCOMMUNICATIONS TERMINAL**  
[72] ATTIMONT, Luc, FR  
[72] BODIN, Jannick, FR  
[71] ALCATEL, FR  
[22] 1999-02-25  
[43] 1999-10-20  
[30] FR (98 04 929) 1998-04-20

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[21] **2,262,431**  
[13] A1

[51] **Int.Cl. 6B29C 45/77**  
[25] EN  
[54] **AUTO-TUNED, ADAPTIVE PROCESS CONTROLLED, INJECTION MOLDING MACHINE**  
[54] **PRESSE DE MOULAGE PAR INJECTION AUTO-REGLEE ET CONTROLEE PAR UN PROCESSUS ADAPTIF**  
[72] BULGRIN, Thomas C., US  
[71] VAN DORN DEMAG CORPORATION, US  
[22] 1999-02-23  
[43] 1999-10-23  
[30] US (09/065,399) 1998-04-23

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[21] **2,263,057**  
[13] A1

[51] **Int.Cl. 6H04N 5/232**  
[25] EN  
[54] **BALANCING APPARATUS FOR STABILIZING CAMERA MOVEMENT**  
[54] **APPAREIL D'EQUILIBRAGE POUR STABILISER LES MOUVEMENTS D'UNE CAMERA**  
[72] PUTORA, Ivan, CA  
[71] PUTORA, Ivan, CA  
[22] 1999-02-26  
[43] 1999-10-22  
[30] US (09064129) 1998-04-22

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[21] **2,264,346**  
[13] A1

[51] **Int.Cl. 6G01N 13/00 6F17D 3/12**  
[25] EN  
[54] **METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL**  
[72] ARNSHAV, Sivert, SE  
[71] AB LORENTZEN & WETTRE, SE  
[22] 1999-03-04  
[43] 1999-10-23  
[30] SE (9801434-3) 1998-04-23

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[21] **2,264,398**  
[13] A1

[51] **Int.Cl. 6B65B 5/04 6B65B 25/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AUTOMATIC PACKAGING OF BLOCK FOOD PRODUCT**  
[54] **METHODE ET APPAREIL POUR EMBALLAGE AUTOMATIQUE D'UN PRODUIT ALIMENTAIRE EN FORME DE BLOC**  
[72] WALKER, Jeff, US  
[72] FOSTER, J. Danny, US  
[72] McDONALD, Gregory, US  
[71] CRYOVAC INC., US  
[22] 1999-03-04  
[43] 1999-10-20  
[30] US (09/062,963) 1998-04-20

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[21] **2,264,432**  
[13] A1

[51] **Int.Cl. 6G01S 5/14 6H04Q 9/00**  
**6G08G 1/133**  
[25] EN  
[54] **APPARATUS AND METHOD FOR RECEIVING POSITION AND CONTROL SIGNALS BY A MOBILE MACHINE**  
[54] **APPAREIL ET METHODE POUR LA RECEPTION DE SIGNAUX DE POSITION ET DE COMMANDE PAR UNE MACHINE MOBILE**  
[72] GUDAT, Adam J., US  
[71] CATERPILLAR INC., US  
[22] 1999-03-03  
[43] 1999-10-20  
[30] US (09/062,976) 1998-04-20

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[21] **2,265,031**  
[13] A1

[51] **Int.Cl. 6C08J 3/20 6B29D 7/00 6E04C 2/20 6B29C 70/64**  
[25] EN  
[54] **METHOD FOR PRODUCING SHEETS OF SOLID SURFACING AND SOLID SURFACING PRODUCED THEREBY**  
[54] **METHODE DE PRODUCTION DE FEUILLES A SURFACE SOLIDE ET SURFACE SOLIDE PRODUITE PAR CELLE-CI**  
[72] HAUTALA, Richard Roy, US  
[72] GAA, Peter Charles, US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 1999-03-08  
[43] 1999-10-23  
[30] US (09/065,818) 1998-04-23

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[21] **2,265,101**  
[13] A1

[51] **Int.Cl. 6B23D 53/00**  
[25] EN  
[54] **APPARATUS FOR PRODUCING SHEETS OF SOLID SURFACING**  
[54] **APPAREIL DE PRODUCTION DE FEUILLES A SURFACE SOLIDE**  
[72] RESPESS, Robert Edward, US  
[72] CLOUD, Frank Bell, US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 1999-03-08  
[43] 1999-10-23  
[30] US (09/065,801) 1998-04-23

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[21] **2,265,135**  
[13] A1

[51] **Int.Cl. 6E04B 2/84 6E04G 17/07 6E04G 9/10**  
[25] EN  
[54] **INSULATED CONCRETE WALL**  
[54] **MUR DE BETON ISOLE**  
[72] WESTRA, Albert P., US  
[72] WESTRA, Gregory A., US  
[71] WESTRA, Albert P., US  
[71] WESTRA, Gregory A., US  
[22] 1999-03-10  
[43] 1999-10-23  
[30] US (09/065,285) 1998-04-23  
[30] US (09/243,382) 1999-02-01

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[21] **2,265,143**  
[13] A1

[51] **Int.Cl. 6H03F 1/00**  
[25] EN  
[54] **TECHNIQUE FOR EFFECTIVELY RENDERING POWER AMPLIFICATION AND CONTROL IN WIRELESS COMMUNICATIONS**  
[54] **TECHNIQUES EFFICACES D'AMPLIFICATION ET DE REGLAGE DE PUISSANCE DES COMMUNICATIONS SANS FIL**  
[72] KIM, Helen Haeran, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-10  
[43] 1999-10-18  
[30] US (09/061,845) 1998-04-18

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[21] **2,265,278**  
[13] A1  
[51] **Int.Cl. 6B23K 9/09 6B23K 9/095**  
[25] EN  
[54] **ELECTRIC ARC WELDER AND  
CONTROLLER THEREFOR**  
[54] **SOUDEUR A L'ARC ELECTRIQUE  
ET CONTROLEUR CONNEXE**  
[72] HSU, Christopher, US  
[71] LINCOLN GLOBAL, INC., US  
[22] 1999-03-15  
[43] 1999-10-17  
[30] US (09/062,091) 1998-04-17

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[21] **2,265,368**  
[13] A1  
[51] **Int.Cl. 6G21K 4/00**  
[25] EN  
[54] **A METHOD FOR IMPROVING THE  
SCREEN BRIGHTNESS OF  
GADOLINIUM OXYSULFIDE X-RAY  
PHOSPHORS**  
[54] **METHODE D'AMELIORATION DE  
LA LUMINOSITE D'UN ECRAN  
D'OXY-SULFURE DE GADOLINIUM  
FLUORESCENT A RAYONS X**  
[72] MCSWEENEY, Robert T., US  
[71] OSRAM SYLVANIA INC., US  
[22] 1999-03-16  
[43] 1999-10-22  
[30] US (09/064,485) 1998-04-22

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[21] **2,266,114**  
[13] A1  
[51] **Int.Cl. 6H04B 3/06 6H04B 7/005  
6H04L 27/04**  
[25] EN  
[54] **TECHNIQUE FOR  
COMMUNICATING DIGITALLY  
MODULATED SIGNALS OVER AN  
AMPLITUDE-MODULATION  
FREQUENCY BAND**  
[54] **TECHNIQUE DE  
COMMUNICATION DE SIGNAUX A  
MODULATION NUMERIQUE SUR UNE  
BANDE DE FREQUENCE AM**  
[72] SUNDBERG, Carl-Erik Wilhelm, US  
[72] CHEN, Brian, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-17  
[43] 1999-10-22  
[30] US (09/064,938) 1998-04-22

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[21] **2,266,165**  
[13] A1  
[51] **Int.Cl. 6H04B 7/06**  
[25] EN  
[54] **A WIRELESS  
TELECOMMUNICATIONS SYSTEM  
THAT MITIGATES THE EFFECT OF  
MULTIPATH FADING**  
[54] **SYSTEME DE  
TELECOMMUNICATIONS SANS FIL  
QUI ATTENUENT L'EFFET  
D'EVANOUISSEMENT PAR TRAJETS  
MULTIPLES**  
[72] RAMESH, Nallepilli S., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-18  
[43] 1999-10-21  
[30] US (09/063,690) 1998-04-21

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[21] **2,266,770**  
[13] A1  
[51] **Int.Cl. 6F23G 5/32 6F23G 7/00 6F23G  
5/44**  
[25] EN  
[54] **PROCESS AND DEVICE FOR  
INCINERATION OF PARTICULATE  
SOLIDS**  
[54] **PROCESSUS ET DISPOSITIF  
D'INCINERATION DE PARTICULES  
SOLIDES**  
[72] BRUNNMAIR, Erwin, AU  
[72] MOOSMANN, Gerhard, AU  
[71] ANDRITZ-  
PATENTVERWALTUNGS-  
GESELLSCHAFT MBH, AT  
[22] 1999-03-24  
[43] 1999-10-17  
[30] AT (A 647/98) 1998-04-17

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[21] **2,266,800**  
[13] A1  
[51] **Int.Cl. 6H01H 71/10**  
[25] EN  
[54] **A DEVICE FOR CONTROL OF  
DISCHARGE AND DISENGAGEMENT  
OF AN ENERGY STORAGE DEVICE  
WHEN EXTRACTION OF A PLUG-IN  
CIRCUIT BREAKER IS PERFORMED**  
[54] **DISPOSITIF DE CONTROLE DE LA  
DECHARGE ET DU  
DEBRANCHEMENT D'UN APPAREIL  
DE STOCKAGE D'ENERGIE LORSQUE  
L'EXTRACTION D'UN DISJONCTEUR  
ENFICHABLE EST EFFECTUEE**  
[72] PINERO, Eric, FR  
[72] MOREL, Robert, FR  
[72] GRELIER, Claude, FR  
[71] SCHNEIDER ELECTRIC SA, FR  
[22] 1999-04-12  
[43] 1999-10-17  
[30] FR (98 05 119) 1998-04-17

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[21] **2,266,816**  
[13] A1  
[51] **Int.Cl. 6B21C 1/00 6B21C 23/00  
6B23K 26/00 6G02B 6/16 6G02B 6/44**  
[25] EN  
[54] **PROCESS FOR THE  
MANUFACTURE OF AN OPTICAL  
CABLE**  
[54] **PROCESSUS DE FABRICATION  
D'UN CABLE A FIBRES OPTIQUES**  
[72] STASCHEWSKI, Harry, DE  
[71] ALCATEL, FR  
[22] 1999-04-12  
[43] 1999-10-17  
[30] DE (198 16 998.1) 1998-04-17

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[21] **2,266,823**  
[13] A1  
[51] **Int.Cl. 6F04B 49/06 6F04B 49/02**  
[25] EN  
[54] **AUTOMATIC SUB-FLOOR  
PUMPING SYSTEM**  
[54] **SYSTEME POUR L'EVACUATION  
D'EAU DU DESSOUS DU PLANCHER  
DE SOUS-SOL**  
[72] KOENIG, Robert H., US  
[72] KOENIG, Richard E., US  
[71] AVCHECK CORPORATION, US  
[22] 1999-04-12  
[43] 1999-10-20  
[30] US (09/062,845) 1998-04-20

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[21] **2,266,958**  
[13] A1

[51] **Int.Cl. 6A61M 31/00**  
[25] EN  
[54] **DEEP NASAL ANESTHETIC APPLICATOR**  
[54] **IRRADIATEUR ANESTHESIQUE DU NASO-PHARYNX**  
[72] SZABO, Béla G., US  
[72] LEE, John K-S, US  
[71] BÉLEE, INCORPORATED, US  
[22] 1999-03-25  
[43] 1999-10-17  
[30] US (09/061,332) 1998-04-17

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[21] **2,266,987**  
[13] A1

[51] **Int.Cl. 6D21C 1/00 6D21C 7/06**  
[25] EN  
[54] **METHOD AND SYSTEM FOR FEEDING COMMUNUTED FIBROUS MATERIAL**  
[54] **METHODE ET SYSTEME D'ALIMENTATION DE MATIERES FIBREUSES FRAGMENTEES**  
[72] CHAMBLEE, J. Wayne, US  
[72] FUNK, Erwin D., US  
[72] STROMBERG, C. Bertil, US  
[72] RYHAM, Rolf C., US  
[72] MARCOCCIA, Bruno S., US  
[71] AHLSTROM MACHINERY INC., US  
[22] 1999-03-26  
[43] 1999-10-21  
[30] US (09/063,429) 1998-04-21

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[21] **2,266,989**  
[13] A1

[51] **Int.Cl. 6G01N 1/24 6G01N 1/34**  
[25] EN  
[54] **MOISTURE EXTRACTOR SYSTEM FOR GAS SAMPLING**  
[54] **SYSTEME D'EXTRACTION D'HUMIDITE POUR ECHANTILLONNAGE DE GAZ**  
[72] PERROZ, William J., Jr., US  
[72] HICKOX, Richard M., US  
[72] VAN TASSEL, Norman L., US  
[71] BACHARACH, INC., US  
[22] 1999-03-25  
[43] 1999-10-22  
[30] US (09/064,419) 1998-04-22

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[21] **2,267,013**  
[13] A1

[51] **Int.Cl. 6F16K 11/10**  
[25] EN  
[54] **SWITCHING VALVE FOR MULTI-CHAMBER ADSORBENT AIR AND GAS FRACTIONATION SYSTEM**  
[54] **VALVE DE COMMUTATION POUR SYSTEME DE FRACTIONNEMENT A PLUSIEURS CHAMBRES**  
[72] TSARGORODSKI, Mikhail, US  
[72] THELEN, John E., US  
[71] UNITED DOMINION INDUSTRIES, INC., US  
[22] 1999-03-25  
[43] 1999-10-23  
[30] US (09/065,796) 1998-04-23

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[21] **2,267,043**  
[13] A1

[51] **Int.Cl. 6F16M 3/00 6F16M 11/22**  
[25] EN  
[54] **ADJUSTABLE MOBILE MACHINE BASE SYSTEMS AND METHODS**  
[54] **SYSTEME DE BASE AJUSTABLE POUR MACHINES MOBILES, ET MODES D'EMPLOI**  
[72] BALOLIA, Shiraz, US  
[71] WOODSTOCK INTERNATIONAL INC., US  
[22] 1999-03-26  
[43] 1999-10-20  
[30] US (60/082,531) 1998-04-20  
[30] US (09/137,649) 1998-08-20

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[21] **2,267,397**  
[13] A1

[51] **Int.Cl. 6B25C 1/08**  
[25] EN  
[54] **FASTENER DRIVING TOOL FOR TRIM APPLICATIONS**  
[54] **OUTIL POUR L'APPLICATION D'ORGANES D'ASSEMBLAGE EN MENUISERIE DE FINITION**  
[72] DRISCOLL, Patrick J., US  
[72] RICHARDSON, William E., US  
[72] WEINGER, Murray, US  
[72] BUETOW, Robert S., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-30  
[43] 1999-10-20  
[30] US (09/063,149) 1998-04-20

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[21] **2,267,423**  
[13] A1

[51] **Int.Cl. 6G01N 27/04 6G01R 27/00 6G01N 27/06 6G01R 27/22**  
[25] EN  
[54] **RESISTANCE MEASURING METER WITH VOLTAGE MULTIPLIER**  
[54] **OHMMETRE MUNI D'UN MULTIPLICATEUR DE TENSION**  
[72] GORRELL, Brian, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-30  
[43] 1999-10-21  
[30] US (09/063,909) 1998-04-21

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[21] **2,267,514**  
[13] A1

[51] **Int.Cl. 6H01R 4/38**  
[25] EN  
[54] **CONNECTION ACCESSORY AND TERMINAL EQUIPPED WITH SUCH AN ACCESSORY**  
[54] **ACCESSOIRE DE RACCORDEMENT ET TERMINAL EQUIPE D'UN TEL ACCESSOIRE**  
[72] DICONNE, Robert, FR  
[72] LEPRETRE, Bernard, FR  
[72] PHILIPPE, Didier, FR  
[71] SCHNEIDER ELECTRIC SA, FR  
[22] 1999-04-13  
[43] 1999-10-17  
[30] FR (98 05 122) 1998-04-17

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[21] **2,267,521**  
[13] A1

[51] **Int.Cl. 6E05D 15/06**  
[25] EN  
[54] **LOCK FITTING WITH AT LEAST TWO LOCK BOLTS FOR SLIDING DOORS, WINDOWS OR THE LIKE**  
[54] **FERRURE DE VERROUILLAGE AYANT AU MOINS DEUX PENES DE SERRURE POUR PORTES COULISSANTES, FENETRES OU ARTICLES SEMBLABLES**  
[72] SUPERNAT, Thierry, FR  
[72] PREVOT, Gérard (deceased), FR  
[71] FERCO INTERNATIONAL FERRURES ET SERRURES DE BATIMENT, FR  
[22] 1999-04-14  
[43] 1999-10-17  
[30] FR (98 04 849) 1998-04-17

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[21] **2,267,535**  
[13] A1  
[51] **Int.Cl. 6H03K 19/0175**  
[25] FR  
[54] **CIRCUIT POUR L'ACQUISITION DE SIGNAUX ANALOGIQUES BINAIRES**  
[54] **CIRCUIT USED TO ACQUIRE BINARY ANALOG SIGNALS**  
[72] PITOT, Christian, FR  
[72] PROST, Michel, FR  
[72] BIETH, Philippe, FR  
[71] SEXTANT AVIONIQUE, FR  
[22] 1999-04-15  
[43] 1999-10-17  
[30] FR (98 04 859) 1998-04-17

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[21] **2,267,569**  
[13] A1  
[51] **Int.Cl. 6C07C 1/04**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF HYDROCARBONS FROM SYNTHESIS GAS**  
[54] **PROCESSUS DE PREPARATION D'HYDROCARBURES A PARTIR DE GAZ DE SYNTHESE**  
[72] CLERICI, Gabriele, IT  
[72] VILTARD, Jean-Charles, FR  
[72] PICCOLO, Vincenzo, IT  
[72] BROUTIN, Paul, FR  
[71] AGIP PETROLI S.P.A., IT  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1999-04-13  
[43] 1999-10-23  
[30] IT (MI98A 000865) 1998-04-23

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[21] **2,267,609**  
[13] A1  
[51] **Int.Cl. 6C07C 309/80 6C07C 303/10**  
[25] FR  
[54] **PROCEDE DE SULFOCHLORATION PHOTOCHIMIQUE D'ALCANES GAZEUX**  
[54] **PHOTOCHEMICAL SULFOCHLORINATION PROCESS FOR GASEOUS ALKANES**  
[72] OLLIVIER, Jean, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 1999-04-14  
[43] 1999-10-21  
[30] FR (98 04 961) 1998-04-21

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[21] **2,267,611**  
[13] A1  
[51] **Int.Cl. 6A63D 15/00**  
[25] EN  
[54] **BILLIARD TABLE CORNER CONSTRUCTION**  
[54] **COINS DE TABLES DE BILLARD**  
[72] McCORMICK, William R., US  
[71] BRUNSWICK BOWLING & BILLIARDS CORPORATION, US  
[22] 1999-04-15  
[43] 1999-10-23  
[30] US (60/082,799) 1998-04-23  
[30] US (09/144,728) 1998-09-01

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[21] **2,267,613**  
[13] A1  
[51] **Int.Cl. 6E05D 15/06**  
[25] EN  
[54] **LOCKING DEVICE FOR SLIDING DOORS, WINDOWS AND THE LIKE BACKGROUND OF THE INVENTION**  
[54] **FONDEMENT DE L'INVENTION D'UN DISPOSITIF DE VERROUILLAGE POUR PORTES COULISSANTES, FENETRES ET ARTICLES SEMBLABLES**  
[72] PREVOT, Gérard (Deceased), FR  
[72] SUPERNAT, Thierry, FR  
[71] FERCO INTERNATIONAL FERRURES ET SERRURES DE BATIMENT, FR  
[22] 1999-04-14  
[43] 1999-10-17  
[30] FR (98 04 850) 1998-04-17

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[21] **2,267,717**  
[13] A1  
[51] **Int.Cl. 6B21D 37/14 6B21D 37/00**  
[25] EN  
[54] **RF TAG ATTACHED TO DIE ASSEMBLY FOR USE IN PRESS MACHINE**  
[54] **ETIQUETTE RF ATTACHEE A UN ASSEMBLAGE D'EMPORTE-PIECE A UTILISER DANS UNE PRESSE**  
[72] SCHMITZ, Dave, US  
[71] THE MINSTER MACHINE COMPANY, US  
[22] 1999-03-24  
[43] 1999-10-17  
[30] US (09/062,210) 1998-04-17

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[21] **2,267,957**  
[13] A1  
[51] **Int.Cl. 6F02K 9/10 6F02K 9/32**  
[25] EN  
[54] **RELOADABLE/MODULAR SOLID PROPELLANT ROCKET MOTOR**  
[54] **MOTEUR MODULAIRE ET RECHARGEABLE A PROPERGOL SOLIDE**  
[72] CESARONI, Anthony Joseph, CA  
[72] BARTEL, Scott, US  
[72] KLINE, Korey R., US  
[71] CESARONI, Anthony Joseph, CA  
[71] BARTEL, Scott, US  
[71] KLINE, Korey R., US  
[22] 1999-04-06  
[43] 1999-10-17  
[30] US (09/062,384) 1998-04-17

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[21] **2,267,966**  
[13] A1  
[51] **Int.Cl. 6A47L 11/00**  
[25] EN  
[54] **FLOOR CLEANING MACHINE**  
[54] **MACHINE POUR NETTOYER LES PLANCHERS**  
[72] WINDMEISSER, Dieter, CH  
[72] HUEPPI, Karl, CH  
[72] WALDISPUEHL, Josef, CH  
[71] UNILEVER PLC, GB  
[22] 1999-04-06  
[43] 1999-10-22  
[30] EP (98201295.7) 1998-04-22

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[21] **2,268,332**  
[13] A1  
[51] **Int.Cl. 6A61G 13/12 6A61G 7/00 6A61G 7/10**  
[25] EN  
[54] **SPINAL POSITIONING AND SUPPORT DEVICE**  
[54] **DISPOSITIF DE SOUTIEN ET DE POSITIONNEMENT DE L'EPINE DORSALE**  
[72] KING, Richard S., US  
[71] NEW YORK SOCIETY FOR THE RUPTURED AND CRIPPLED MAINTAINING THE HOSPITAL, US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (60/082,185) 1998-04-17

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**17 octobre 1999 - 23 octobre 1999**

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[21] **2,268,370**  
[13] A1

[51] **Int.Cl. 6H04N 5/445**  
[25] EN  
[54] **SYSTEM FOR SELECTING, ACCESSING, AND VIEWING PORTIONS OF AN INFORMATION STREAM(S) USING A TELEVISION COMPANION DEVICE**  
[54] **SYSTEME POUR SELECTIONNER ET VISUALISER DES PARTIES DE FLOT(S) D'INFORMATION ET Y AVOIR ACCES AU MOYEN D'UN DISPOSITIF D'ACCOMPAGNEMENT DE TELEVISION**  
[72] JANNIELLO, James P., US  
[72] CHEN, Jeane, US  
[72] PENCE, William Edward, US  
[72] YEO, Boon-Lock, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-21  
[30] US (09/063,295) 1998-04-21

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[21] **2,268,373**  
[13] A1

[51] **Int.Cl. 6H04N 5/445**  
[25] EN  
[54] **SYSTEM FOR SELECTING AND ACCESSING PORTIONS OF AN INFORMATION STREAM(S) FROM A TELEVISION**  
[54] **SYSTEME POUR SELECTIONNER DES PARTIES DE FLOT(S) D'INFORMATION ET Y AVOIR ACCES AU MOYEN D'UNE TELEVISION**  
[72] PENCE, William Edward, US  
[72] YEO, Boon-Lock, US  
[72] JANNIELLO, James P., US  
[72] CHEN, Jeane, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-21  
[30] US (09/063,803) 1998-04-21

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[21] **2,268,374**  
[13] A1

[51] **Int.Cl. 6H04N 5/445 6G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD IDENTIFYING AND SELECTING PORTIONS OF INFORMATION STREAMS FOR A TELEVISION SYSTEM**  
[54] **SYSTEME ET METHODE POUR IDENTIFIER ET SELECTIONNER DES PARTIES DE FLOTS D'INFORMATION POUR UN SYSTEME DE TELEVISION**  
[72] PENCE, William Edward, US  
[72] JANNIELLO, James P., US  
[72] YEO, Boon-Lock, US  
[72] CHEN, Jeane, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-04-08  
[43] 1999-10-21  
[30] US (09/063,802) 1998-04-21

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[21] **2,268,382**  
[13] A1

[51] **Int.Cl. 6C12N 1/19 6C12P 25/00 6A23K 1/16 6A23L 1/302**  
[25] EN  
[54] **OVERPRODUCTION OF RIBOFLAVIN IN YEAST**  
[54] **SURPRODUCTION DE RIBOFLAVINE DANS LA LEVURE**  
[72] RICHTER, Gerald, DE  
[72] EBERHARDT, Sabine, DE  
[72] LUTTGEN, Holger, DE  
[72] FEDOROVYCH, Dariya, UA  
[72] BABYAK, Lyubov Ya., UA  
[72] VAN LOON, Adolphus, CH  
[72] DEMCHYSHYN, Vasyl V., UA  
[72] BORETSKY, Yuriy R., UA  
[72] BACHER, Adelbert, DE  
[71] F.HOFFMANN-LA ROCHE AG, CH  
[22] 1999-04-21  
[43] 1999-10-23  
[30] EP (98107380.2) 1998-04-23

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[21] **2,268,387**  
[13] A1

[51] **Int.Cl. 6B65D 47/06 6A45D 34/00 6A47K 5/122**  
[25] FR  
[54] **EMBOUT DOSEUR**  
[54] **DOSING DISPENSER NOZZLE**  
[72] BOUGAMONT, Jean-Louis, FR  
[72] BONNINGUE, Philippe, FR  
[71] L'OREAL, FR  
[22] 1999-04-20  
[43] 1999-10-21  
[30] FR (98 04 973) 1998-04-21

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[21] **2,268,406**  
[13] A1

[51] **Int.Cl. 6H04Q 1/18 6H04B 10/02**  
[25] EN  
[54] **OPTICAL CROSS-CONNECT RESTORATION TECHNIQUE**  
[54] **TECHNIQUE DE RETABLISSEMENT D'INTERCONNEXIONS OPTIQUES**  
[72] AFFERTON, Thomas S., US  
[72] STRAND, John Lester, US  
[71] AT&T CORP., US  
[22] 1999-04-07  
[43] 1999-10-22  
[30] US (09/064,410) 1998-04-22

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[21] **2,268,457**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6A61K 48/00 6C12Q 1/00 6C07H 21/02 6A01K 67/022 6C12N 5/10 6C07K 16/18 6C12N 9/22 6C07K 14/435 6A61K 31/70 6C12N 15/70**  
[25] EN  
[54] **MAMMALIAN RAD1 GENES, POLYPEPTIDES AND METHODS OF USE**  
[54] **GENES RAD1 DE MAMMIFERE, POLYPEPTIDES ET METHODES D'UTILISATION CONNEXES**  
[72] DAVEY, Scott K., CA  
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA  
[22] 1999-04-19  
[43] 1999-10-17  
[30] US (60/082,132) 1998-04-17

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[21] **2,268,458**  
[13] A1

[51] **Int.Cl. 6A61K 7/021 6A61K 7/04 6A61K 7/06 6A61K 7/48**  
[25] FR  
[54] **COMPOSITION A APPLICATION TOPIQUE CONTENANT UN COPOLYMER D'OLEFINES A CRISTALLISATION CONTROLLEE ET UTILISATION D'UN TEL COPOLYMER POUR LA FABRICATION DE COMPOSITIONS A APPLICATION TOPIQUE**  
[54] **TOPICAL COMPOSITION CONTAINING A CONTROLLED CRYSTALLIZATION OLEFIN COPOLYMER AND USE OF SAME IN THE PRODUCTION OF TOPICAL COMPOSITIONS**  
[72] MONDET, Jean, FR  
[71] L'OREAL, FR  
[22] 1999-04-20  
[43] 1999-10-21  
[30] FR (98 04 950) 1998-04-21

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[21] **2,268,461**  
[13] A1  
[51] **Int.Cl. 6B08B 9/04**  
[25] EN  
[54] **AN APPARATUS FOR CLEANING  
A CONDUIT**  
[54] **APPAREIL POUR NETTOYER UNE  
CONDUITE**  
[72] BOURGEOIS, Michel, CA  
[71] BOURGEOIS, Michel, CA  
[22] 1999-04-19  
[43] 1999-10-20  
[30] CA (2,232,056) 1998-04-20

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[21] **2,268,466**  
[13] A1  
[51] **Int.Cl. 6A01K 39/02**  
[25] EN  
[54] **BEE GUARD FOR NECTAR  
FEEDER**  
[54] **PARE-ABEILLES POUR  
MANGEOIRE A OISEAUX**  
[72] LIETHEN, Frederic J., Jr., US  
[71] LIETHEN, Frederic J., Jr., US  
[22] 1999-04-22  
[43] 1999-10-23  
[30] US (09/065,246) 1998-04-23

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[21] **2,268,475**  
[13] A1  
[51] **Int.Cl. 6H04Q 3/52 6H04B 1/74**  
[25] FR  
[54] **MATRICE DE COMMUTATION  
OPTIQUE SECURISEE**  
[54] **SECURE OPTICAL SWITCH  
MATRIX**  
[72] FRANCEUS, Guy, FR  
[72] OLLIVIER, François-Xavier, FR  
[72] SOTOM, Michel, FR  
[72] LEBOUETTE, Claude, FR  
[71] ALCATEL, FR  
[22] 1999-04-16  
[43] 1999-10-21  
[30] US (60/082,509) 1998-04-21

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[21] **2,268,493**  
[13] A1  
[51] **Int.Cl. 6H05K 7/00 6H05K 5/00  
6H01R 13/52**  
[25] EN  
[54] **ELECTRICAL CONNECTOR  
ENCLOSURE**  
[54] **ENCEINTE POUR CONNECTEUR  
ELECTRIQUE**  
[72] WEBSTER, Stephen L., US  
[71] WEBSTER, Stephen L., US  
[22] 1999-04-09  
[43] 1999-10-22  
[30] US (064,538) 1998-04-22

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[21] **2,268,541**  
[13] A1  
[51] **Int.Cl. 6A61K 33/30 6A61K 9/00  
6A61M 15/00**  
[25] EN  
[54] **ZINC REMEDY FOR TREATING  
COMMON COLD**  
[54] **DISPOSITIF A BASE DE ZINC  
POUR LE TRAITEMENT DU RHUME  
BANAL**  
[72] MARTIN, William Anderson, CA  
[71] MARTIN, William Anderson, CA  
[22] 1999-04-12  
[43] 1999-10-23  
[30] US (09/064,715) 1998-04-23

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[21] **2,268,576**  
[13] A1  
[51] **Int.Cl. 6G01D 3/08 6H01H 45/00  
6H01H 47/32**  
[25] EN  
[54] **ELECTRONIC SWITCH RELAY**  
[54] **RELAIS DE COMMUTATEUR  
ELECTRONIQUE**  
[72] MERCIER, Claude, CA  
[71] MILLTRONICS LTD., CA  
[22] 1999-04-12  
[43] 1999-10-17  
[30] US (09/061,323) 1998-04-17

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[21] **2,268,577**  
[13] A1  
[51] **Int.Cl. 6B65D 3/12 6B65D 3/26**  
[25] EN  
[54] **TUBULAR CONTAINER WITH  
HEAT SEAL HAVING AN INNER AND  
OUTER BEAD AND METHOD OF  
MANUFACTURING SAID CONTAINER**  
[54] **CONTENANT TUBULAIRE DOTE  
D'UN JOINT THERMIQUE  
PRESENTANT UNE NERVURE  
INTERIEURE ET EXTERIEURE -  
METHODE DE FABRICATION DE CE  
CONTENANT**  
[72] WILLIAMS, Alan D., US  
[72] DRUMMOND, Michael T., US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 1999-04-12  
[43] 1999-10-23  
[30] US (09/065,783) 1998-04-23

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[21] **2,268,581**  
[13] A1  
[51] **Int.Cl. 6B22F 1/00 6B22F 3/16**  
[25] EN  
[54] **CARBON STEEL POWDERS AND  
METHOD OF MANUFACTURING  
POWDER METAL COMPONENTS  
THEREFROM**  
[54] **POUDRES D'ACIER AU CARBONE  
ET METHODE DE FABRICATION DES  
COMPOSANTES DE POUDRE  
METALLIQUE PARTIR DE CELLES-CI**  
[72] MARSDEN, James Garfield, US  
[72] BERGER, Kerry Renard, US  
[72] GARG, Diwakar, US  
[71] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 1999-04-12  
[43] 1999-10-17  
[30] US (09/062,534) 1998-04-17

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[21] **2,268,604**  
[13] A1  
[51] **Int.Cl. 6C02F 1/42**  
[25] EN  
[54] **WATER FILTER CARTRIDGE**  
[54] **INSERTION DE FILTRE D'EAU**  
[72] SERENKO, Paul, CA  
[72] MATSUSHITA, Roy, CA  
[71] MATSCORP LTD., CA  
[22] 1999-04-12  
[43] 1999-10-20  
[30] US (09/062,608) 1998-04-20

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**17 octobre 1999 - 23 octobre 1999**

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[21] **2,268,608**  
[13] A1

[51] **Int.Cl. 6B65D 30/10 6B65D 33/14**  
[25] EN  
[54] **PLASTIC BAG PACK ADAPTED TO LEAVE NO RESIDUE ON A SUPPORTING RACK**  
[54] **ENSEMBLE DE SACS EN PLASTIQUE CONCUS POUR NE LAISSER AUCUN RESIDU SUR UN SUPPORT**  
[72] VANCE, Jeffrey S., US  
[72] FLETCHER, Wade D., US  
[72] WILFONG, Harry B., Jr., US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 1999-04-12  
[43] 1999-10-22  
[30] US (09/064,454) 1998-04-22

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[21] **2,268,619**  
[13] A1

[51] **Int.Cl. 6A01N 43/653 6A01N 37/34 6A01N 37/50 6A01N 43/50**  
[25] EN  
[54] **FUNGICIDAL CO-FORMULATION**  
[54] **COFORMULATION FONGICIDE**  
[72] SIEVERDING, Ewald Gerhard, DE  
[72] REHNIG, Annerose Edith Elise, DE  
[72] SCHMIDT, Friedrich, DE  
[72] PERLITZ, Michael, DE  
[72] HORSLER, Christopher William, GB  
[71] AMERICAN CYANAMID COMPANY, US  
[22] 1999-04-12  
[43] 1999-10-20  
[30] US (09/063,199) 1998-04-20

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[21] **2,268,623**  
[13] A1

[51] **Int.Cl. 6C22C 38/24 6C22C 33/00 6C22C 38/46 6C21D 1/74**  
[25] EN  
[54] **HIGH DUCTILITY VERY CLEAN NON-MICRO BANDED DIE CASTING STEEL AND METHOD OF MANUFACTURE THEREOF**  
[54] **ACIER POUR LA COULEE SOUS PRESSION A DUCTILITE ELEVEE, TRES PUR, NON- MICRO ALLIE ET EN BANDES ET METHODE DE PRODUCTION DE CET ACIER**  
[72] UNDERYS, Algirdas A., US  
[72] BRADA, Guy A., US  
[71] A. FINKL & SONS CO., US  
[22] 1999-04-13  
[43] 1999-10-23  
[30] US (09/065,220) 1998-04-23

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[21] **2,268,645**  
[13] A1

[51] **Int.Cl. 6F41A 33/00**  
[25] EN  
[54] **SIMULATOR FOR FRONT-LOADED BARREL WEAPONS**  
[54] **SIMULATEUR POUR ARMES A TUBE CHARGEES PAR DEVANT**  
[72] LAZECKI, René, CH  
[71] SE SCHWEIZERISCHE ELEKTRONIKUNTERNEHMUNG, CH  
[22] 1999-04-13  
[43] 1999-10-20  
[30] EP (98810345.3) 1998-04-20

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[21] **2,268,648**  
[13] A1

[51] **Int.Cl. 6G11B 33/04 6B65D 85/57**  
[25] EN  
[54] **STORAGE DEVICES FOR FLAT DATA STORAGE MEDIA, IN PARTICULAR DISC-SHAPED DATA STORAGE MEDIA**  
[54] **DISPOSITIFS D'ENTREPOSAGE POUR SUPPORT D'INFORMATION UNIFORME, PARTICULIEREMENT POUR SUPPORT D'INFORMATION EN FORME DE DISQUE**  
[72] BRAND, Mirko, AT  
[71] BRAND, Mirko, AT  
[22] 1999-04-13  
[43] 1999-10-21  
[30] AT (A 675/98) 1998-04-21

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[21] **2,268,654**  
[13] A1

[51] **Int.Cl. 6B05C 11/02 6B05C 5/02 6C09J 175/04**  
[25] EN  
[54] **APPARATUS FOR APPLYING AN IMPROVED ADHESIVE TO SHEET INSULATION HAVING DRAINAGE CHANNELS**  
[54] **APPLICATEUR D'ADHESIF AMELIORE POUR PANNEAU ISOLANT MUNI DE CANAUX DE DRAINAGE**  
[72] GUDDAL, Karl, US  
[71] GUDDAL, Karl, US  
[22] 1999-04-13  
[43] 1999-10-17  
[30] US (09/062,269) 1998-04-17

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[21] **2,268,682**  
[13] A1

[51] **Int.Cl. 6H04R 1/10 6H04B 1/38 6H04R 1/46**  
[25] EN  
[54] **EAR INSERTING TYPE TRANSMITTER-RECEIVER**  
[54] **EMETTEUR-RECEPTEUR A INSERER DANS L'OREILLE**  
[72] KOBAYASHI, Hiromasa, JP  
[71] KO, Suk-Tai, KR  
[71] KOBAYASHI, Hiromasa, JP  
[22] 1999-04-12  
[43] 1999-10-21  
[30] JP (10-111146) 1998-04-21

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[21] **2,268,685**  
[13] A1

[51] **Int.Cl. 6F02C 7/26 6F02C 9/26**  
[25] EN  
[54] **GAS TURBINE COMBUSTION SYSTEM AND COMBUSTOR IGNITION METHOD THEREFOR**  
[54] **SYSTEME DE COMBUSTION POUR TURBINE A GAZ ET METHODE D'ALLUMAGE DE LA CHAMBRE DE COMBUSTION CONNEXE**  
[72] GORA, Tetsuo, JP  
[72] FUKUE, Ichiro, JP  
[72] TAKASAKI, Tomohisa, JP  
[72] MANDAI, Shigemi, JP  
[72] TACHIBANA, Teruya, JP  
[72] OTA, Masataka, JP  
[72] AKAMATSU, Shinji, JP  
[72] TANIMURA, Satoshi, JP  
[72] NISHIDA, Koichi, JP  
[72] HARUTA, Hideki, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-04-14  
[43] 1999-10-21  
[30] JP (10-110701) 1998-04-21  
[30] JP (10-191303) 1998-07-07  
[30] JP (10-159183) 1998-06-08

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[21] **2,268,691**  
[13] A1

[51] **Int.Cl. 6A61B 5/0225**  
[25] EN  
[54] **A NONINVASIVE CONTINUOUS BLOOD PRESSURE MEASURING APPARATUS AND A METHOD OF NONINVASIVELY MEASURING CONTINUOUS BLOOD PRESSURE**  
[54] **APPAREIL NON EFFRACTIF DE MESURE CONTINUE DE PRESSION SANGUINE ET METHODE POUR MESURER LA PRESSION SANGUINE SANS EFFRACTION ET DE FACON CONTINUE**  
[72] HAGIWARA, Hisashi, JP  
[72] NISHIMURA, Yushi, JP  
[72] HASEGAWA, Kinya, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-04-14  
[43] 1999-10-20  
[30] JP (10-123892) 1998-04-20  
[30] JP (10-146668) 1998-05-13  
[30] JP (10-146669) 1998-05-13  
[30] JP (10-165839) 1998-06-01

[21] **2,268,722**  
[13] A1

[51] **Int.Cl. 6E04C 2/26**  
[25] EN  
[54] **DURABLE EDGE CEILING BOARD**  
[54] **PANNEAU-PLAFOND A BORDURE RESISTANTE**  
[72] SCHLACHTER, Bartholomew J., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 1999-04-08  
[43] 1999-10-17  
[30] US (09/062,297) 1998-04-17

[21] **2,268,725**  
[13] A1

[51] **Int.Cl. 6A23B 4/20**  
[25] EN  
[54] **CHEMICAL TREATMENT AND PACKAGING SYSTEM TO IMPROVE THE APPEARANCE AND SHELF LIFE OF FRESH MEAT**  
[54] **TRAITEMENT CHIMIQUE ET TECHNIQUE D'EMBALLAGE POUR AMELIORER L'APPARENCE ET LA CONSERVABILITE DES VIANDES FRAICHES A L'ETALAGE**  
[72] RUZEK, David C., US  
[71] HORMEL FOODS CORPORATION, US  
[22] 1999-04-14  
[43] 1999-10-17  
[30] US (09/062,265) 1998-04-17  
[30] US (09/114,867) 1998-07-13

[21] **2,268,992**  
[13] A1

[51] **Int.Cl. 6E01C 19/23 6E02D 3/026 6E02F 3/815**  
[25] EN  
[54] **ROLLER ATTACHMENT FOR ROAD GRADER**  
[54] **ACCESSOIRE ROULEAU-COMPRESSEUR POUR NIVELEUSE**  
[72] MEHEW, Leonard Wayne, CA  
[72] MEHEW, Carolyn Edith, CA  
[71] MEHEW, Leonard Wayne, CA  
[71] MEHEW, Carolyn Edith, CA  
[22] 1999-04-13  
[43] 1999-10-20  
[30] US (09/062,615) 1998-04-20

[21] **2,268,996**  
[13] A1

[51] **Int.Cl. 6H04M 3/42**  
[25] EN  
[54] **ITEM SELECTION IN A TELEPHONY INTERFACE**  
[54] **SELECTION D'OPTION RELATIVE A UNE INTERFACE TELEPHONIQUE**  
[72] FEJES, Thomas, CA  
[71] MITEL CORPORATION, CA  
[22] 1999-04-13  
[43] 1999-10-17  
[30] GB (9808178.9) 1998-04-17

[21] **2,268,999**  
[13] A1

[51] **Int.Cl. 6F25J 3/04 6F28F 3/02 6F28D 1/03**  
[25] EN  
[54] **OPTIMUM FIN DESIGNS FOR DOWNFLOW REBOILERS**  
[54] **CONCEPTIONS OPTIMALES POUR REBOUILLEUR A COURANT DESCENDANT**  
[72] HOUGHTON, Patrick A., US  
[72] SUNDER, Swaminathan, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1999-04-13  
[43] 1999-10-20  
[30] US (09/062,918) 1998-04-20

[21] **2,269,001**  
[13] A1

[51] **Int.Cl. 6E05F 15/16**  
[25] EN  
[54] **CONTROLLER FOR A DOOR OPERATOR**  
[54] **CONTROLEUR AUTOMATIQUE DE MECANISME DE FERMETURE DE PORTE**  
[72] CRIMMINS, Terence E., US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[22] 1999-04-13  
[43] 1999-10-21  
[30] US (063,832) 1998-04-21

[21] **2,269,009**  
[13] A1

[51] **Int.Cl. 6B21B 39/10**  
[25] EN  
[54] **DEVICE TO REMOVE WORKING ROLLS IN A FOUR-HIGH ROLLING STAND**  
[54] **MECANISME DE MANIPULATION DE CYLINDRES DE TRAVAIL POUR CAGE DE LAMINAGE A QUATRE CYLINDRES**  
[72] CHERUBINI, Mario, IT  
[71] DANIELI & C. OFFICINE MECCANICHE SPA, IT  
[22] 1999-04-14  
[43] 1999-10-17  
[30] IT (UD98A000064) 1998-04-17

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[21] **2,269,011**  
[13] A1

[51] **Int.Cl. 6G02B 26/00 6G01J 3/12 6G02B 5/20**  
[25] EN  
[54] **MONOCHROMATOR AND OPTICAL ANALYZING DEVICE USING THE SAME**  
[54] **MONOCHROMATEUR ET ANALYSEUR OPTIQUE UTILISANT CE DERNIER**  
[72] YOSHIKAWA, Osamu, JP  
[71] SHIMADZU CORPORATION, JP  
[22] 1999-04-14  
[43] 1999-10-17  
[30] JP (H10-124167) 1998-04-17

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[21] **2,269,037**  
[13] A1

[51] **Int.Cl. 6F16K 11/22 6F16K 25/00 6F16K 41/10**  
[25] EN  
[54] **VALVE WITH INFLATABLE MEMBRANE**  
[54] **SOUPAPE A MEMBRANE GONFLABLE**  
[72] BONNEFOUS, Jean, FR  
[72] MARAUD, Bruno, FR  
[72] PICOT, Thierry, FR  
[71] S.A. DEFONTAINE, FR  
[22] 1999-04-14  
[43] 1999-10-21  
[30] FR (9804974) 1998-04-21  
[30] FR (9808330) 1998-06-30

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[21] **2,269,140**  
[13] A1

[51] **Int.Cl. 6G01M 13/00**  
[25] EN  
[54] **AN APPARATUS FOR AND METHOD OF MONITORING A ROTATING MACHINE**  
[54] **APPAREIL DE SURVEILLANCE DE MACHINES TOURNANTES ET METHODE D'UTILISATION**  
[72] POWRIE, Honor, GB  
[71] STEWART HUGHES LIMITED, GB  
[22] 1999-04-16  
[43] 1999-10-17  
[30] GB (9808220.9) 1998-04-17

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[21] **2,269,016**  
[13] A1

[51] **Int.Cl. 6H05K 7/20 6H01L 23/34**  
[25] FR  
[54] **ECHANGEUR DE CHALEUR, NOTAMMENT POUR LE REFROIDISSEMENT D'UN COMPOSANT ELECTRONIQUE DE PUISSANCE, ET SON PROCEDE DE FABRICATION**  
[54] **HEAT EXCHANGER, ESPECIALLY FOR HIGH GAIN ELECTRONIC COMPONENT, AND MANUFACTURING METHOD OF SAME**  
[72] JULIEN, Jean-Noël, FR  
[72] CHIOUSSE, Michel, FR  
[71] FERRAZ DATE INDUSTRIES, FR  
[22] 1999-04-14  
[43] 1999-10-23  
[30] FR (98 05340) 1998-04-23

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[21] **2,269,101**  
[13] A1

[51] **Int.Cl. 6B60B 7/06**  
[25] EN  
[54] **MECHANICAL LOCKS FOR WHEEL COVERS**  
[54] **VERROUS MECANIKES POUR ENJOLIVEURS DE ROUE**  
[72] ISRAEL, Rajakumar, US  
[72] FERRISS, David B., US  
[72] JOHNSON, David H., US  
[71] MCKECHNIE VEHICLE COMPONENTS (USA), INC., US  
[22] 1999-04-15  
[43] 1999-10-17  
[30] US (09/062,136) 1998-04-17

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[21] **2,269,152**  
[13] A1

[51] **Int.Cl. 6B60C 13/00**  
[25] EN  
[54] **HIGH IMPACT LOGO STRUCTURE FOR TIRE SIDEWALL**  
[54] **LOGO A GRANDE RESISTANCE SCULPTE DANS LE FLANC D'UN PNEU**  
[72] BAKER, Christopher T., US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (09/061,954) 1998-04-17

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[21] **2,269,017**  
[13] A1

[51] **Int.Cl. 6D07B 5/00 6A01K 15/04**  
[25] EN  
[54] **LARIAT, LARIAT ROPE BODY, METHOD AND APPARATUS**  
[54] **LASSO, NOYAU DE CORDE DE LASSO, ET METHODE ET APPAREIL DE CONFECTION**  
[72] SULLIVAN, Paul Ormon, US  
[71] EQUIBRAND CORPORATION, US  
[22] 1999-04-14  
[43] 1999-10-20  
[30] US (062,569) 1998-04-20  
[30] US (258,919) 1999-03-01  
[30] US (09/286,841) 1999-04-06

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[21] **2,269,139**  
[13] A1

[51] **Int.Cl. 6F01C 9/00 6F04C 21/00**  
[25] EN  
[54] **LIQUID-SEALED VANE OSCILLATOR**  
[54] **DISPOSITIF D'OSCILLATION HYDRAULIQUE A PALETTES**  
[72] BLUMENAU, Leif, IL  
[71] ISOCOMP LTD., IL  
[22] 1999-04-16  
[43] 1999-10-22  
[30] US (09/064,130) 1998-04-22

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[21] **2,269,155**  
[13] A1

[51] **Int.Cl. 6A47G 5/02 6E06B 9/24**  
[25] EN  
[54] **FRICTION REDUCING MEMBER FOR DOCK SEAL**  
[54] **PIECE DE REDUCTION DU FROTTEMENT POUR SAS D'ETANCHEITE**  
[72] DROULLARD, Jack T., US  
[72] THILL, Greg J., US  
[71] RITE-HITE HOLDING CORPORATION, US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (09/062,177) 1998-04-17



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[21] **2,269,156**  
[13] A1  
[51] **Int.Cl. 6F27D 1/00 6F27D 9/00**  
[25] EN  
[54] **AN IMPROVED STRAIN RELIEF MAIN SHAFT ASSEMBLY**  
[54] **ASSEMBLAGE DE TREMIE PRINCIPAL AVEC REDUCTEUR DE TENSION AMELIORE**  
[72] BLUE, Jerry D., US  
[72] FLEMING, James D., US  
[71] THE BABCOCK & WILCOX COMPANY, US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (60/082,085) 1998-04-17  
[30] US (UNKNOWN) 1999-04-15

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[21] **2,269,161**  
[13] A1  
[51] **Int.Cl. 6H01B 11/04**  
[25] EN  
[54] **HIGH PERFORMANCE DATA CABLE**  
[54] **CABLE DE DONNEES HAUTE PERFORMANCE**  
[72] PELSTER, James J., US  
[72] GRANDY, Mark E., US  
[72] LAING, Edwin D., US  
[72] ROSENBAUM, Janet M., US  
[72] WHITE, Mark W., US  
[72] TOTLAND, Rune, US  
[72] BERELSMAN, Timothy N., US  
[72] DICKMAN, Jim L., US  
[72] WIEKHORST, David J., US  
[71] PRESTOLITE WIRE CORPORATION, US  
[22] 1999-04-15  
[43] 1999-10-17  
[30] US (09/062,059) 1998-04-17

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[21] **2,269,170**  
[13] A1  
[51] **Int.Cl. 6G01S 3/04**  
[25] EN  
[54] **ELECTROMAGNETIC WAVE SOURCE PROBING DEVICE AND PROBING METHOD WITH THE PROBING DEVICE**  
[54] **SONDE DE LA SOURCE D'UNE ONDE ELECTROMAGNETIQUE ET METHODE D'UTILISATION CONNEXE**  
[72] UESAKA, Kouichi, JP  
[71] HITACHI, LTD., JP  
[22] 1999-04-14  
[43] 1999-10-17  
[30] JP (10-107307) 1998-04-17

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[21] **2,269,179**  
[13] A1  
[51] **Int.Cl. 6A23B 7/06**  
[25] EN  
[54] **HIGH-CONCENTRATION-SHORT-TIME ZINC BLANCH FOR COLOR AND TEXTURE IMPROVEMENT OF THERMALLY PROCESSED GREEN VEGETABLES**  
[54] **SOLUTION A HAUTE TENEUR DE ZINC A BLANCHIMENT RAPIDE POUR AMELIORER LA COULEUR ET LA TEXTURE DES LEGUMES VERTS TRAITES THERMIQUEMENT**  
[72] SABO, June W., US  
[72] DONATO, Katja K., US  
[72] DeVERNA, Joseph W., US  
[71] CAMPBELL SOUP COMPANY, US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (09/061,190) 1998-04-17

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[21] **2,269,180**  
[13] A1  
[51] **Int.Cl. 6B66C 23/64**  
[25] EN  
[54] **JIB STOW LATCH DEVICE**  
[54] **VERROU D'ESCAMOTAGE POUR FLECHE**  
[72] CHAFFIN, Brian, US  
[72] LANIK, Rod, US  
[72] SCHNEIDER, Bill, US  
[72] NORRIS, Travis, US  
[71] GROVE U.S. L.L.C., US  
[22] 1999-04-15  
[43] 1999-10-20  
[30] US (09/062,723) 1998-04-20

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[21] **2,269,183**  
[13] A1  
[51] **Int.Cl. 6D21F 1/10**  
[25] EN  
[54] **PROCESS AND DEVICE FOR THE TRANSFER OF A FIBROUS MATERIAL WEB**  
[54] **PROCEDE ET DISPOSITIF RELATIFS AU TRANSFERT D'UNE BANDE DE MATIERES FIBREUSES**  
[72] STEINER, Karl, DE  
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE  
[22] 1999-04-15  
[43] 1999-10-17  
[30] DE (198 17 050.5) 1998-04-17

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[21] **2,269,185**  
[13] A1  
[51] **Int.Cl. 6B60T 17/18 6B60T 7/08**  
[25] EN  
[54] **PARKING BRAKE LOCK-IN KEY SWITCH SYSTEM FOR VEHICLE AIR BRAKE SYSTEM**  
[54] **SYSTEME DE COMMUTATEUR DE CLE DE VERROUILLAGE POUR FREIN DE STATIONNEMENT D'UN VEHICULE AUX FREINS A AIR**  
[72] ZEITLOW, Roy S., US  
[72] DOUGLAS, Robert L., US  
[72] DAVIS, Richard B., US  
[72] HIVELY, Brad A., US  
[72] HIVELY, Terry E., US  
[72] LEHMAN, Michael J., US  
[71] NAVISTAR INTERNATIONAL TRANSPORTATION CORP., US  
[22] 1999-04-15  
[43] 1999-10-20  
[30] US (09/063,146) 1998-04-20

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[21] **2,269,187**  
[13] A1  
[51] **Int.Cl. 6B29B 15/08 6B29C 35/02 6B29C 70/40**  
[25] EN  
[54] **REMOTELY ACTUATED LOCALIZED PRESSURE AND HEAT APPARATUS AND METHOD OF USE**  
[54] **APPAREIL TELECOMMANDE POUVANT FOURNIR PRESSION ET CHALEUR EN UN POINT ET METHODE D'UTILISATION**  
[72] GALE, Dan R., US  
[72] TAYLOR, DeVor R., US  
[72] WHEELER, Mark M., US  
[72] MERRET, John B., US  
[71] ALLIANT TECHSYSTEMS INC., US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (09/062,046) 1998-04-17

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[21] **2,269,191**  
[13] A1  
[51] **Int.Cl. 6B67D 5/00 6A01M 1/20**  
[25] EN  
[54] **FLUID DELIVERY DEVICE**  
[54] **DISPOSITIF D'ALIMENTATION D'UN FLUIDE**  
[72] WOODRUFF, Keith Floyd, US  
[71] AMERICAN CYANAMID COMPANY, US  
[22] 1999-04-16  
[43] 1999-10-20  
[30] US (09/063,207) 1998-04-20

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[21] **2,269,196**  
[13] A1

[51] **Int.Cl. 6B31F 1/30**  
[25] EN  
[54] **COATED CORRUGATOR BELT**  
[54] **COURROIE D'ONDULEUSE AVEC REVETEMENT**  
[72] LANTHIER, Joseph D., US  
[71] ALBANY INTERNATIONAL CORP., US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (09/061,970) 1998-04-17

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[21] **2,269,246**  
[13] A1

[51] **Int.Cl. 6C07D 209/88 6A61K 31/40 6A61K 31/535**  
[25] EN  
[54] **SUBSTITUTED TRICYCLICS**  
[54] **TRICYCLIQUES SUBSTITUES**  
[72] MORIN, John Michael Jr., US  
[72] SALL, Daniel Jon, US  
[72] VASILEFF, Robert Theodore, US  
[72] BASTIAN, Jolie Anne, US  
[72] BACH, Nicholas James, US  
[72] MIHELICH, Edward David, US  
[72] KINNICK, Michael Dean, US  
[72] HITE, Gary Alan, US  
[71] ELI LILLY AND COMPANY, US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (09/062,328) 1998-04-17

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[21] **2,269,256**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 519/00 6C07D 495/04 6C07D 491/052 6C07F 7/10 6A61K 31/40 6A61K 31/41 6A61K 31/435 6A61K 31/495 6A61K 31/53 6A61K 31/535 6C07F 9/6561 6A61K 31/675 6A61K 31/695**  
[25] EN  
[54] **SUBSTITUTED TRICYCLICS**  
[54] **TRICYCLIQUES SUBSTITUES**  
[72] MIHELICH, Edward David, US  
[72] SUAREZ, Tulio, US  
[72] SMITH, Edward C.R., US  
[72] MARTINELLI, Michael John, US  
[72] MORIN, John Michael Jr., US  
[72] KINNICK, Michael Dean, US  
[72] SAWYER, Jason Scott, US  
[72] SALL, Daniel Jon, US  
[72] BASTIAN, Jolie Anne, US  
[72] BACH, Nicholas James, US  
[72] BEIGHT, Douglas Wade, US  
[72] WILSON, Thomas Michael, US  
[72] WANG, Qiuping, US  
[71] ELI LILLY AND COMPANY, US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (09/062,165) 1998-04-17

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[21] **2,269,262**  
[13] A1

[51] **Int.Cl. 6C07D 209/88 6C07D 473/00 6C07D 257/04 6C07D 405/04 6C07D 409/04 6C07D 471/04 6C07D 401/06 6C07F 7/10 6C07D 403/12 6C07D 405/12 6C07D 409/12 6C07D 333/24 6A61K 31/40 6A61K 31/41 6A61K 31/435 6A61K 31/44 6A61K 31/495 6A61K 31/53 6A61K 31/535 6C07D 307/54 6C07D 213/55 6C07F 9/572 6C07C 205/59 6C07C 229/60 6C07F 9/6558 6A61K 31/675 6A61K 31/695**  
[25] EN  
[54] **SUBSTITUTED TRICYCLICS**  
[54] **TRICYCLIQUES SUBSTITUES**  
[72] MORIN, John Michael Jr., US  
[72] LIN, Ho-Shen, US  
[72] SALL, Daniel Jon, US  
[72] BASTIAN, Jolie Anne, US  
[72] BACH, Nicholas James, US  
[72] MCGILL, John McNeill III, US  
[72] MIHELICH, Edward David, US  
[72] ANDERSON, Benjamin Alan, US  
[72] VASILEFF, Robert Theodore, US  
[72] SAWYER, Jason Scott, US  
[72] LONCHARICH, Richard James, US  
[72] HARPER, Richard Waltz, US  
[72] SCHEVITZ, Richard Walter, US  
[72] PHILLIPS, Michael LeRoy, US  
[72] KINNICK, Michael Dean, US  
[72] HITE, Gary Alan, US  
[72] HARN, Nancy Kay, US  
[72] RICHETT, Michael Enrico, US  
[71] ELI LILLY AND COMPANY, US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (09/062,328) 1998-04-17

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[21] **2,269,269**  
[13] A1

[51] **Int.Cl. 6A61B 17/88**  
[25] EN  
[54] **DEVICE REMOVAL KIT AND METHOD THEREFOR**  
[54] **TROUSSE POUR RETIRER UN DISPOSITIF ET METHODE CONNEXE**  
[72] CAMINO, Thomas S., US  
[72] URBAHNS, David J., US  
[71] DEPUY ACROMED, INC., US  
[22] 1999-04-19  
[43] 1999-10-21  
[30] US (60/082,483) 1998-04-21

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[21] **2,269,299**  
[13] A1  
[51] **Int.Cl. 6G01F 1/00**  
[25] EN  
[54] **OPTICAL DEVICE**  
[54] **APPAREIL OPTIQUE**  
[72] WILLIAMSON, Ian David, CA  
[72] KIEL, Darwin Edward, CA  
[71] NOVA GAS TRANSMISSION LTD., CA  
[22] 1999-04-16  
[43] 1999-10-23  
[30] US (09/065,364) 1998-04-23

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[21] **2,269,302**  
[13] A1  
[51] **Int.Cl. 6H01F 7/08 6F16K 31/08 6H01F 7/127**  
[25] EN  
[54] **PROPORTIONAL VARIABLE FORCE SOLENOID CONTROL VALVE WITH SEGMENTED PERMANENT MAGNET**  
[54] **VALVE DE CONTROLE SOLENOIDE A PROPORTION VARIABLE DE FORCE AVEC SEGMENT D'AIMANT PERMANENT**  
[72] SEID, David L., US  
[71] SATURN ELECTRONICS & ENGINEERING, INC., US  
[22] 1999-04-19  
[43] 1999-10-21  
[30] US (063,963) 1998-04-21

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[21] **2,269,305**  
[13] A1  
[51] **Int.Cl. 6C07C 219/08 6C07C 213/06**  
[25] FR  
[54] **PROCEDE DE FABRICATION EN CONTINU DE (METH)ACRYLATES DE DIALKYLAMINOALKYLE**  
[54] **METHOD OF CONTINUOUS PRODUCTION OF DIALKYLAMINOALKYL (METH)ACRYLATES**  
[72] HAZAN, Charles, FR  
[72] HURTEL, Patrice, FR  
[72] RICHARD, Norbert, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 1999-04-15  
[43] 1999-10-21  
[30] FR (98 04964) 1998-04-21

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[21] **2,269,306**  
[13] A1  
[51] **Int.Cl. 6C09C 3/08 6C09D 1/00 6C09D 17/00 6C09J 1/00 6C11D 3/14 6C09C 1/42 6D21H 17/67**  
[25] FR  
[54] **DISPERSION AQUEUSE DE PIGMENT(S) ET/OU CHARGE(S) CONTENANT UNE COMPOSITION SACCHARIDIQUE PARTICULIERE**  
[54] **AQUEOUS DISPERSION OF PIGMENT(S) OR FILLER(S) CONTAINING A SPECIFIC SACCHARIDE COMPOSITION**  
[72] GOSSET, Serge, FR  
[72] BAUELLE, Renaud, FR  
[72] MERLE du BOURG, Régis, FR  
[72] LEFER, Pierre, FR  
[71] GOSSET, Serge, FR  
[71] BAUELLE, Renaud, FR  
[71] MERLE du BOURG, Régis, FR  
[71] LEFER, Pierre, FR  
[22] 1999-04-15  
[43] 1999-10-17  
[30] FR (98 04837) 1998-04-17

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[21] **2,269,308**  
[13] A1  
[51] **Int.Cl. 6B60R 11/02**  
[25] EN  
[54] **INSTALLATION DEVICE FOR A VEHICLE**  
[54] **DISPOSITIF D'INSTALLATION POUR VEHICULE**  
[72] SCHIDAN, Alexander, DE  
[72] ROUGHTON, Charles, DE  
[72] MIEGLITZ, Hans-Helmut, DE  
[71] JOHNSON CONTROLS INTERIORS GMBH, DE  
[22] 1999-04-16  
[43] 1999-10-18  
[30] DE (198 17 302.4) 1998-04-18

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[21] **2,269,316**  
[13] A1  
[51] **Int.Cl. 6A47C 1/02**  
[25] EN  
[54] **MODULAR POWER RECLINING CHAIR**  
[54] **FAUTEUIL INCLINABLE MODULAIRE A COMMANDE ASSISTEE**  
[72] LaPOINTE, Larry P., US  
[72] SAUL, Jonathan R., US  
[72] WRIGHT, Dennis W., US  
[71] LA-Z-BOY INCORPORATED, US  
[22] 1999-04-16  
[43] 1999-10-17  
[30] US (062,410) 1998-04-17

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[21] **2,269,333**  
[13] A1  
[51] **Int.Cl. 6F21M 3/00**  
[25] EN  
[54] **LAMP FOR A VEHICLE**  
[54] **PHARE POUR VEHICULE**  
[72] KONDO, Toshiyuki, JP  
[72] MIYOKAWA, Toshio, JP  
[71] STANLEY ELECTRIC CO., LTD., JP  
[22] 1999-04-15  
[43] 1999-10-17  
[30] JP (10-107890) 1998-04-17

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[21] **2,269,337**  
[13] A1  
[51] **Int.Cl. 6B05C 17/005 6A21C 1/00 6A21C 11/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DISPENSING A GEL**  
[54] **DISTRIBUTEUR DE GEL ET METHODE DE DISTRIBUTION CONNEXE**  
[72] WOOLLARD, Douglas J., GB  
[72] SHARROCK, John H., GB  
[71] ABITEC CORPORATION, US  
[22] 1999-04-15  
[43] 1999-10-17  
[30] US (09/062,164) 1998-04-17

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[21] **2,269,359**  
[13] A1  
[51] **Int.Cl. 6B29C 47/02**  
[25] EN  
[54] **CONTINUOUS MANUFACTURING PROCESS FOR SECTIONS OR PLATES AND INSTALLATION FOR IMPLEMENTATION OF THE PROCESS AND THE PRODUCTS THUS OBTAINED**  
[54] **PROCEDE DE FABRICATION CONTINUE DE SECTIONS OU DE PLAQUES ET INSTALLATION POUR LA MISE EN OEUVRE DU PROCEDE, ET PRODUITS AINSI OBTENUS**  
[72] RACHIDIA, Hassan, FR  
[72] PIEN, Nelly, FR  
[72] DUCHANOIS, Dominique, FR  
[72] BIRKEL, Thierry, FR  
[72] REGENNASS, Patrice, FR  
[72] VAN DE VEN, Jacques, CH  
[71] ITW LITEC FRANCE, FR  
[22] 1999-04-19  
[43] 1999-10-21  
[30] FR (9804970) 1998-04-21

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[21] **2,269,365**  
[13] A1

[51] **Int.Cl. 6E01B 29/10**  
[25] EN  
[54] **A METHOD OF PERFORMING A SLEEPER RENEWAL**  
[54] **METHODE DE RENOUVELLEMENT DES TRAVERSES**  
[72] THEURER, Josef, AT  
[71] FRANZ PLASSER  
BAHNBAUMASCHINEN-  
INDUSTRIEGESELLSHAFT M.B.H., AT  
[22] 1999-04-21  
[43] 1999-10-22  
[30] AT (A 680/98) 1998-04-22

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[21] **2,269,367**  
[13] A1

[51] **Int.Cl. 6A61F 2/06**  
[25] EN  
[54] **MULTI-LAMINATE STENT HAVING SUPERELASTIC ARTICULATED SECTIONS**  
[54] **TUTEUR MULTILAMINE AYANT DES SECTIONS ARTICULEES EN MATIERE SUPERELASTIQUE**  
[72] TOMONTO, Charles V., US  
[71] CORDIS CORPORATION, US  
[22] 1999-04-19  
[43] 1999-10-20  
[30] US (60/082,397) 1998-04-20

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[21] **2,269,372**  
[13] A1

[51] **Int.Cl. 6H04L 29/02 6H04L 12/24**  
[25] EN  
[54] **FAIR SHARE SCHEDULING OF MULTIPLE SERVICE CLASSES WITH PRIORITIZED SHAPING**  
[54] **PROGRAMMATION EQUITABLE DE CLASSES MULTISERVICE AVEC MISE EN FORME HIERARCHISEE**  
[72] DUCKERING, Brent G., CA  
[72] ROBOTHAM, Rob E., CA  
[71] NEWBRIDGE NETWORKS CORPORATION, CA  
[22] 1999-04-21  
[43] 1999-10-23  
[30] US (09/064,623) 1998-04-23

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[21] **2,269,376**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR RETRIEVING CUSTOMER INFORMATION AT A TRANSACTION CENTER**  
[54] **SYSTEME ET METHODE POUR LA RECUPERATION DES DONNEES SUR LE CLIENT A UN SITE DE TRANSACTION**  
[72] STOLTE, Patricia A., CA  
[72] ROBERTS, Jobe, CA  
[72] BRISEBOIS, Michel A., CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-04-19  
[43] 1999-10-20  
[30] US (09/062,727) 1998-04-20

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[21] **2,269,378**  
[13] A1

[51] **Int.Cl. 6C08G 59/64 6C08L 63/02 6C08G 59/66**  
[25] EN  
[54] **CURABLE RESIN COMPOSITION**  
[54] **COMPOSE DE RESINE DURCISSABLE**  
[72] OHASHI, Junji, JP  
[72] HINOMA, Tetsuo, JP  
[71] AJINOMOTO CO., INC., JP  
[22] 1999-04-15  
[43] 1999-10-17  
[30] JP (108,274/98) 1998-04-17  
[30] JP (251,141/98) 1998-09-04

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[21] **2,269,385**  
[13] A1

[51] **Int.Cl. 6H01J 49/26**  
[25] EN  
[54] **SIMULTANEOUS DETECTION ISOTOPIC RATIO MASS SPECTROMETER**  
[54] **SPECTROMETRE DE MASSE A DETECTION SIMULTANEE POUR LA MESURE DU RAPPORT ISOTOPIQUE**  
[72] MERREN, Thomas Oliver, GB  
[71] MICROMASS LIMITED, GB  
[22] 1999-04-19  
[43] 1999-10-20  
[30] GB (9808319.9) 1998-04-20

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[21] **2,269,388**  
[13] A1

[51] **Int.Cl. 6C01B 31/04 6H01M 4/24 6H01M 4/26**  
[25] EN  
[54] **GRAPHITE POWDERS SUITED FOR NEGATIVE ELECTRODE MATERIAL OF LITHIUM ION SECONDARY BATTERY**  
[54] **POUDRES DE GRAPHITE ADAPTEES AU MATERIEL D'ELECTRODE NEGATIVE DE BATTERIE SECONDAIRE AU LITHIUM**  
[72] KAMEI, Kazuhito, JP  
[72] NAGAMINE, Masayuki, JP  
[72] MORIGUCHI, Koji, JP  
[72] YONEMURA, Mitsuharu, JP  
[72] KAMINAKA, Hideya, JP  
[72] NEGI, Noriyuki, JP  
[72] ABE, Masaru, JP  
[72] OMARU, Atsuo, JP  
[71] SONY CORPORATION, JP  
[22] 1999-04-20  
[43] 1999-10-21  
[30] JP (P10-111001) 1998-04-21

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[21] **2,269,391**  
[13] A1

[51] **Int.Cl. 6H01H 13/70 6B66B 1/46**  
[25] EN  
[54] **KEYPAD FOR INPUT OF CONTROL COMMANDS**  
[54] **CLAVIER POUR LA SAISIE DE COMMANDES DE CONTROLE**  
[72] SCHWARZ, Ernst, CH  
[72] KAUFMANN, Meinolph, CH  
[72] FELDER, Hugo, CH  
[71] INVENTIO AG, CH  
[22] 1999-04-21  
[43] 1999-10-23  
[30] EP (98810360.2) 1998-04-23

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[21] **2,269,392**  
[13] A1

[51] **Int.Cl. 6A47L 9/22**  
[25] EN  
[54] **WET/DRY VACUUM WITH SNAP-ACTION POWERHEAD LATCH**  
[54] **ASPIRATEUR DE DECHETS SOLIDES ET HUMIDES MUNI D'UNE TETE MOTORISEE A VERROU A DETENTE BRUSQUE**  
[72] STEGER, Chris, US  
[72] HOLSTEN, Stuart V., US  
[72] MARTIN, Michael F., US  
[71] EMERSON ELECTRIC CO., US  
[22] 1999-04-21  
[43] 1999-10-21  
[30] US (09/063,756) 1998-04-21

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[21] 2,269,394  
[13] A1

[51] Int.Cl. 6C07D 295/15  
[25] EN  
[54] A PROCESS FOR THE PREPARATION OF ESTERS OF  $\alpha$ - $\alpha$ - $\alpha$ -(4-CLOROPHENYL)PHENYLMETHYL-1-PIPERAZINYL]-ETHOXY|ACETIC ACID  
[54] PROCESSUS DE PREPARATION DES ESTERS DE L'ACIDE  $\alpha$ - $\alpha$ - $\alpha$ -(4-CLOROPHENYL)PHENYLMETHYL-1-PIPERAZINYL]-ETHOXY|ACETIQUE  
[72] KASPI, Joseph, IL  
[72] GAL, Erez, IL  
[72] LERMAN, Ori, IL  
[71] CHEMAGIS LTD., IL  
[22] 1999-04-15  
[43] 1999-10-23  
[30] IL (124,195) 1998-04-23

[21] 2,269,395  
[13] A1

[51] Int.Cl. 6A47L 9/28 6A47L 9/24  
[25] EN  
[54] VACUUM CLEANER AND WAND ASSEMBLY  
[54] ASPIRATEUR ET TUBE-RALLONGE CONNEXE  
[72] OHARA, Naoyuki, JP  
[72] TRACY, William R., JP  
[71] MATSUSHITA HOME APPLIANCE CORPORATION OF AMERICA, US  
[22] 1999-04-21  
[43] 1999-10-22  
[30] US (60/082,659) 1998-04-22

[21] 2,269,399  
[13] A1

[51] Int.Cl. 6C07C 69/54 6G02C 7/04 6C07F 15/04 6C07C 39/15 6C07C 7/20 6C07D 249/20 6G02B 5/22 6C07D 251/24 6C07D 207/267 6C07C 43/315 6C07C 255/57 6C07C 67/62 6C07C 69/76  
[25] EN  
[54] OCULAR DEVICES MANUFACTURED WITH FREE RADICAL POLYMERIZABLE LATENT ULTRA-VIOLET ABSORBERS  
[54] DISPOSITIFS OPTIQUES FAITS EN MATIERE ABSORBANTE D'UV LATENTE ET OBTENUE PAR POLYMERISATION RADICALE  
[72] ELLIOTT, Laura, US  
[72] NUNEZ, Ivan M., US  
[72] MOLOCK, Frank F., US  
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US  
[22] 1999-04-19  
[43] 1999-10-20  
[30] US (09/063,625) 1998-04-20

[21] 2,269,403  
[13] A1

[51] Int.Cl. 6G01N 33/52 6G01N 1/28 6G01N 33/72 6G01N 33/84 6G01N 33/90 6G01N 33/96  
[25] EN  
[54] METHOD AND REAGENT FOR THE INTERFERENCE-FREE DETERMINATION OF IRON  
[54] METHODE ET REACTIF POUR LA DETERMINATION DU FER SANS INTERFERENCE  
[72] TREIBER, Wolfgang, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[22] 1999-04-20  
[43] 1999-10-22  
[30] DE (198 17 963.4) 1998-04-22

[21] 2,269,404  
[13] A1

[51] Int.Cl. 6C07C 69/16 6C07C 67/00 6C07C 69/28 6C07C 69/63 6C07C 69/74 6C07C 69/78  
[25] EN  
[54] NEW PROCESS FOR THE PREPARATION OF 2,3,5-TRIMETHYLHYDROCHINONE DIESTERS  
[54] NOUVEAU PROCESSUS POUR LA PREPARATION DE DIESTERS TRIMETHYLHYDROCHINONES -2,3,5  
[72] HASENZ AHL, Steffen, DE  
[72] HUTHMACHER, Klaus, DE  
[72] SCHOLZ, Mario, DE  
[72] SHI, Nongyuan, DE  
[72] DRAPAL, Bernd, DE  
[72] WEIGEL, Horst, DE  
[72] MCINTOSH, Ralph, DE  
[72] HASSELBACH, Hans Joachim, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-04-20  
[43] 1999-10-21  
[30] DE (198 17 644.9) 1998-04-21

[21] 2,269,405  
[13] A1

[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] DISPOSABLE BODY FLUIDS ABSORBENT ARTICLE  
[54] ARTICLE JETABLE POUR L'ABSORPTION DE FLUIDES CORPORELS  
[72] KIDO, Tsutomu, JP  
[72] WADA, Mitsuhiro, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-04-20  
[43] 1999-10-20  
[30] JP (10-109688) 1998-04-20

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**17 octobre 1999 - 23 octobre 1999**

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[21] **2,269,406**  
[13] A1

[51] **Int.Cl. 6C12P 17/06 6A23L 1/226 6C07D 309/30 6A23G 3/30 6A61K 7/46**  
[25] EN  
[54] **PROCESS FOR PREPARING SATURATED LACTONES, PRODUCTS PRODUCED THEREFROM AND ORGANOLEPTIC USES OF SAID PRODUCTS**  
[54] **PROCESSUS DE PREPARATION DES LACTONES SATUREES, PRODUITS TIRES DE CES LACTONES ET UTILISATIONS ORGANOLEPTIQUES DE CES PRODUITS**  
[72] HARRIS, Gail, US  
[72] MORRIS, James A., US  
[72] KIZER, Laura E., US  
[72] FARBOOD, Mohamad I., US  
[72] MCLEAN, Lynda B., US  
[71] INTERNATIONAL FLAVORS & FRAGRANCES INC., US  
[22] 1999-04-20  
[43] 1999-10-23  
[30] US (09/064,742) 1998-04-23

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[21] **2,269,408**  
[13] A1

[51] **Int.Cl. 6C08K 11/00**  
[25] EN  
[54] **FLAX SHIVES REINFORCED THERMOPLASTIC RESIN COMPOSITIONS**  
[54] **COMPOSITIONS DE RESINE THERMOPLASTIQUE RENFORCEES D'ANAS DE LIN**  
[72] KOLLA, Francis A., CA  
[72] BALATINECZ, John J., CA  
[71] CARGILL, LIMITED, CA  
[22] 1999-04-20  
[43] 1999-10-22  
[30] US (064,869) 1998-04-22

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[21] **2,269,410**  
[13] A1

[51] **Int.Cl. 6C09C 1/36 6C09D 1/00 6C09C 1/40 6C09C 1/42**  
[25] EN  
[54] **MULTI-COMPONENT PIGMENT SLURRY AND METHOD OF MAKING THE SAME**  
[54] **COULIS DE PIGMENT A COMPOSANTS MULTIPLES ET METHODE DE FABRICATION DE CELUI-CI**  
[72] WOZNIAK, Mark E., US  
[72] LAMB, James Ray, US  
[72] BROOME, Thad T., US  
[71] J.M. HUBER CORPORATION, US  
[22] 1999-04-15  
[43] 1999-10-17  
[30] US (09/062,353) 1998-04-17

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[21] **2,269,412**  
[13] A1

[51] **Int.Cl. 6C09D 175/16**  
[25] EN  
[54] **AQUEOUS COATING COMPOSITIONS CONTAINING URETHANE (METH)ACYLATES HAVING UV-HARDENING ISOCYANATE GROUPS**  
[54] **COMPOSES D'ENROBAGE AQUEUX CONTENANT DES (METH)ACYLATES D'URETHANE POSSEDANT DES GROUPES ISOCYANATES DURCISSANT AUX RAYONS U.V.**  
[72] HOVESTADT, Wieland, DE  
[72] FISCHER, Wolfgang, DE  
[72] ENGBERT, Theodor, DE  
[72] BOCK, Manfred, DE  
[72] KAHL, Lothar, MX  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-04-19  
[43] 1999-10-23  
[30] DE (19818312.7) 1998-04-23

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[21] **2,269,414**  
[13] A1

[51] **Int.Cl. 6E04D 13/152 6F24F 7/02 6E04D 13/158**  
[25] EN  
[54] **SOFFIT VENT**  
[54] **VENTILATION D'INTRADOS**  
[72] ALLASTER, George G., US  
[71] BUILDING MATERIALS CORPORATION OF AMERICA, US  
[22] 1999-04-19  
[43] 1999-10-23  
[30] US (09/065,470) 1998-04-23

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[21] **2,269,416**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE**  
[54] **ARTICLE ABSORBANT**  
[72] MIZUTANI, Satoshi, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-04-20  
[43] 1999-10-20  
[30] JP (10-109961) 1998-04-20

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[21] **2,269,417**  
[13] A1

[51] **Int.Cl. 6A63H 33/00 6A23G 1/00**  
[25] EN  
[54] **EDIBLE AND NON-EDIBLE PRODUCT**  
[54] **PRODUIT COMESTIBLE ET NON COMESTIBLE**  
[72] WHETSTONE, Henry M., Jr., US  
[71] WHETSTONE, Henry M., Jr., US  
[22] 1999-04-15  
[43] 1999-10-22  
[30] US (064,573) 1998-04-22  
[30] US (09/276,412) 1999-03-25

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[21] **2,269,419**  
[13] A1

[51] **Int.Cl. 6C08L 23/06 6C08L 67/00 6H01B 3/42**  
[25] EN  
[54] **TREE RESISTANT CABLE**  
[54] **CABLE ROBUSTE POUR EMPLOI SUR LES ARBRES**  
[72] KEOGH, Michael John, US  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[22] 1999-04-19  
[43] 1999-10-20  
[30] US (09/062,852) 1998-04-20

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[21] **2,269,420**  
[13] A1

[51] **Int.Cl. 6A61F 13/56**  
[25] EN  
[54] **DISPOSABLE DIAPER PROVIDED WITH TAPE FASTENERS**  
[54] **COUCHE JETABLE OFFERTE AVEC ATTACHES EN BANDE ADHESIVE**  
[72] ONISHI, Kazuaki, JP  
[72] SHIMOE, Nariaki, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-04-20  
[43] 1999-10-20  
[30] JP (10-109689) 1998-04-20

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[21] **2,269,421**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **COVER SHEET LAMINATION FOR ABSORBENT ARTICLE AND LOW TEMPERATURE LAMINATION PROCESS**  
[54] **STRATIFICATION D'UNE FEUILLE DE COUVERTURE DESTINEE A UN ARTICLE ABSORBANT ET PROCESSUS DE STRATIFICATION A BASSE TEMPERATURE**  
[72] MAKOUI, Kambiz Bayat, US  
[72] KOLTISKO, Bernard Michael Jr., US  
[72] JONES, Thomas S., US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1999-04-15  
[43] 1999-10-22  
[30] US (09/064,702) 1998-04-22

[21] **2,269,427**  
[13] A1

[51] **Int.Cl. 6A43D 1/02 6A61B 5/107**  
[25] FR  
[54] **SYSTEME DE RELEVÉ D'UNE FORME TRIDIMENSIONNELLE, NOTAMMENT D'UNE VOUTE PLANTAIRE, ET PROCEDE DE REALISATION D'UNE CHAUSSURE OU D'UNE SEMELLE ORTHOPEDIQUE METTANT EN OEUVRE LE SYSTEME**  
[54] **SYSTEM FOR READING THREE-DIMENSIONAL FORMS, ESPECIALLY THE ARCH OF THE FOOT, AND PRODUCTION TECHNIQUE FOR FOOTWEAR OR ORTHOTIC INSOLES UTILIZING SAID SYSTEM**  
[72] REBIERE, Christian, FR  
[71] KREON INDUSTRIE, FR  
[22] 1999-04-19  
[43] 1999-10-21  
[30] FR (98 04981) 1998-04-21

[21] **2,269,429**  
[13] A1

[51] **Int.Cl. 6C10L 3/02 6B23K 5/22**  
[25] FR  
[54] **MELANGE GAZEUX CONTENANT DE L'ACETYLENE ET DE L'HYDROGENE ET/OU DU GAZ NATUREL**  
[54] **GASEOUS MIXTURE COMPRISING ACETYLENE AND HYDROGEN AND/OR NATURAL GAS**  
[72] CANNET, Gilles, FR  
[72] GRUNDMANN, Joachim, FR  
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR  
[22] 1999-04-19  
[43] 1999-10-20  
[30] FR (98/04925) 1998-04-20

[21] **2,269,430**  
[13] A1

[51] **Int.Cl. 6C21D 1/02 6B21B 43/00**  
[25] FR  
[54] **TOLE D'ACIER INOXYDABLE AUSTENITIQUE UTILISABLE DANS LE DOMAINE DE LA CUVERIE ET NOTAMMENT DANS LE DOMAINE DE LA CUVERIE VINICOLE**  
[54] **AUSTENITIC STAINLESS STEEL SHEET, FOR USE IN THE MANUFACTURE OF VATS, ESPECIALLY WINE-MAKING VATS**  
[72] BOULANGE, Laurence, FR  
[72] MOUTOUNET, Michel, FR  
[72] DUPRE, Karine, FR  
[72] HAEGELI, Françoise, FR  
[72] VERNHET, Aude, FR  
[71] UGINE SA, FR  
[22] 1999-04-20  
[43] 1999-10-23  
[30] FR (98 05 072) 1998-04-23

[21] **2,269,431**  
[13] A1

[51] **Int.Cl. 6B64D 17/54 6B64D 17/62**  
[25] EN  
[54] **SEPARABLE CORD CONNECTING STRUCTURE OF PARACHUTE BACKGROUND OF THE INVENTION**  
[54] **STRUCTURE D'ATTACHE DE CORDE SEPARABLE, POUR PARACHUTE**  
[72] SATO, Hiromichi, JP  
[71] FUJIKURA PARACHUTE COMPANY, LTD., JP  
[22] 1999-04-19  
[43] 1999-10-20  
[30] JP (125220/98) 1998-04-20

[21] **2,269,434**  
[13] A1

[51] **Int.Cl. 6A47L 5/28 6A47L 9/32**  
[25] EN  
[54] **UPRIGHT VACUUM CLEANER**  
[54] **ASPIRATEUR-BALAI**  
[72] SHIM, Won Bo, KR  
[72] JEONG, Won Chul, KR  
[71] LG ELECTRONICS INC., KR  
[22] 1999-04-19  
[43] 1999-10-20  
[30] KR (14023/1998) 1998-04-20

[21] **2,269,439**  
[13] A1

[51] **Int.Cl. 6B60R 19/42 6B60J 5/04**  
[25] EN  
[54] **AUTOMOBILE DOOR IMPACT BEAM**  
[54] **POUTRE D'IMPACT DE PORTIERES D'AUTOMOBILES**  
[72] SHAPIRO, Jack M., US  
[72] CLINE, Richard S., US  
[71] INLAND STEEL COMPANY, US  
[22] 1999-04-20  
[43] 1999-10-21  
[30] US (09/063,835) 1998-04-21

[21] **2,269,441**  
[13] A1

[51] **Int.Cl. 6C08K 5/14**  
[25] EN  
[54] **PEROXIDIC COMPOSITIONS**  
[54] **COMPOSITIONS PEROXYDIQUES**  
[72] ABRIGO, Luciano, IT  
[72] MERENDA, Michele, IT  
[72] MONTESSORO, Ezio, IT  
[72] BERETTA, Carla, IT  
[71] ELF ATOCHEM ITALIA S.R.L., IT  
[22] 1999-04-19  
[43] 1999-10-21  
[30] IT (MI98 A 000846) 1998-04-21

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[21] **2,269,443**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04N 7/14**  
[25] EN  
[54] **METHOD FOR CONTROLLING PACKET-ORIENTED DATA FORWARDING VIA A COUPLING FIELD**  
[54] **METHODE POUR CONTROLER LA TRANSMISSION DE DONNEES PAR PAQUETS DIRIGEE PAR L'INTERMEDIAIRE D'UN CHAMP DE COUPLAGE**  
[72] WAHLER, Josef, DE  
[72] TOTZKE, Juergen, DE  
[72] THOMS, Mike, DE  
[72] DEML, Reinhard, DE  
[72] BOLL, Gunnar, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 1999-04-20  
[43] 1999-10-21  
[30] DE (19817789.5) 1998-04-21

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[21] **2,269,445**  
[13] A1

[51] **Int.Cl. 6C08K 5/14**  
[25] EN  
[54] **PEROXIDIC COMPOSITIONS**  
[54] **COMPOSITIONS PEROXYDIQUES**  
[72] BERETTA, Carla, IT  
[72] ABRIGO, Luciano, IT  
[72] MONTESSORO, Ezio, IT  
[72] MERENDA, Michele, IT  
[71] ELF ATOCHEM ITALIA S.R.L., IT  
[22] 1999-04-19  
[43] 1999-10-21  
[30] IT (MI98 A 000845) 1998-04-21

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[21] **2,269,451**  
[13] A1

[51] **Int.Cl. 6C07C 47/38 6C07C 47/42 6C07C 47/45 6C07C 47/46 6C07C 45/69**  
[25] EN  
[54] **PREPARATION OF UNSATURATED ALDEHYDES FROM PROPARGYL ALCOHOL AND CONJUGATED DIOLEFINS**  
[54] **PREPARATION D'ALDEHYDES NON SATURES FAITE D'ALCOOL PROPARGYLIQUE ET DE DIENES CONJUGES**  
[72] CHALK, Alan John, US  
[72] VIRGILIO, Joseph Anthony, US  
[71] GIVAUDAN ROURE (INTERNATIONAL) SA, CH  
[22] 1999-04-19  
[43] 1999-10-20  
[30] US (60/082,324) 1998-04-20

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[21] **2,269,452**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] SASAKI, Toru, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-04-20  
[43] 1999-10-20  
[30] JP (10-109960) 1998-04-20

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[21] **2,269,453**  
[13] A1

[51] **Int.Cl. 6H02K 1/12 6H02K 15/02**  
[25] EN  
[54] **DYNAMO-ELECTRIC MACHINE COMPONENTS AND METHODS OF MAKING SAME**  
[54] **COMPOSANTS D'UNE MACHINE DYNAMOELECTRIQUE ET METHODES DE FABRICATION DE CEUX-CI**  
[72] BONURA, Walter, IT  
[71] AXIS USA, INC., US  
[22] 1999-04-20  
[43] 1999-10-22  
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[54] **ECHANGEUR THERMIQUE A PASSAGES MULTIPLES**  
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[54] **METHODE POUR L'APPLICATION D'UNE COUCHE ADHERANT DE FACON PERMANENTE A L'INTERIEUR D'UNE PROTHESE MAMMAIRE**  
[72] STELTER, Nils, DE  
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[72] SONODA, Tomiya, JP  
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[54] **PROCESSUS DE PREPARATION DE L'UKON COMME ALIMENT**  
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[72] GUIGONIS, Jacques Marius Louis, FR  
[72] McGARRY, Charles Nicholas, US  
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[54] **VILEBREQUIN MULTIEPIECES**  
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[71] PANTHER MACHINE, INC., US  
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[54] **DERIVE DE NAPHTHALENE ET COMPOSITION A CRISTAUX LIQUIDES COMPRENANT CELUI-CI**  
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[72] OSAWA, Masashi, JP  
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[54] **PHOTORECEPTEUR POUR L'ELECTROPHOTOGRAPHIE ET METHODE DE FABRICATION DE CE DERNIER**  
[72] UEZONO, Tsutomu, JP  
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[54] **VIDANGE A PRESSION POUR WAGON-TREMIE**  
[72] SMITH, Stephen W., US  
[72] VANDE SANDE, Jerry W., US  
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[54] **CAISSE A GRANDE CAPACITE POUR WAGONS-TREMIE A DECHARGEMENT SOUS PRESSION**  
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[54] **COMPOSITIONS DE PIGMENT SANS GAUCHISSEMENT COMPRENANT DU DIARYLDIKETOPYRROLO-3,4-PYRROLES**  
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[54] **ELECTROCATALYSEUR, ELECTRODES, ASSEMBLAGE MEMBRANE-ELECTRODE ET PILES A COMBUSTIBLE DE POLYMERE SOLIDE UTILISANT CET ELECTROCATALYSEUR**  
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[54] **MACHINE A AFFRANCHIR COMPRENANT UN SYSTEME DE CONTROLE DOTE D'UN CONTROLE D'ECRANS**  
[72] WALKER, Lyndon A., US  
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[54] **METHODE ET USINE DE PURIFICATION DES METAUX CONTENANT DE L'EAU**  
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[54] **LEURRE DE PECHE A ROULEMENT AVEC PANNEAU PERFORE**  
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[54] **METHODE DE FABRICATION D'UN GUIDE D'ONDES OPTIQUE A SEMI-CONDUCTEURS ET DISPOSITIF OPTIQUE A SEMI-CONDUCTEURS A STRUCTURE MATRICIELLE**  
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[72] WORLEY, Robert D., US  
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[54] **GAS SEPARATOR FOR A FUEL CELL, AND FUEL CELL USING THE SAME GAS SEPARATOR FOR A FUEL CELL**  
[54] **SEPARATEUR DE GAZ POUR PILE A COMBUSTIBLE ET PILE SE SERVANT DE CELUI-CI**  
[72] GOTO, Sogo, JP  
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[54] **PROCESSUS DE FABRICATION DE MOUSSES RIGIDES DE POLY-ISOCYANURATES**  
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[72] SOUKUP, Thomas G., US  
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[54] **METHODE ET APPAREIL DE COMMUNICATION RADIO MULTIMODE**  
[72] FUJISE, Masayuki, JP  
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[71] COMMUNICATIONS RESEARCH LABORATORY, MINISTRY OF POSTS AND TELECOMMUNICAT, JP  
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[54] **METHOD AND APPARATUS FOR HIGH SPEED ARTICLE PROCESSING**  
[54] **METHODE ET APPAREIL DE MANUTENTION TRES RAPIDE D'ARTICLES**  
[72] LECROY, Donald L., US  
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[54] **TRAITEMENT DES GAZ D'ECHAPPEMENT CONTENANT DU METHANOL**  
[72] WACHS, Israel E., US  
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[54] **ASPIRATEUR FACILE A ENTRETENIR**  
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[71] MATSUSHITA HOME APPLIANCE CORPORATION OF AMERICA, US  
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[54] **METHOD FOR ELEVATING THE CONCENTRATION OF FREE INSULIN-LIKE GROWTH FACTOR**  
[54] **PROCEDE POUR ELEVER LA CONCENTRATION DE FACTEUR DE CROISSANCE LIBRE APPARENTE A L'INSULINE**  
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[54] **CHAINE ET METHODE DE CINTRAGE DE TUBES**  
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[72] OKAMOTO, ATSUMU, JP  
[72] NAKATA, IWAO, JP  
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[54] **COUCHE DE RENFORT POUR ARMATURE D'ASPHALTE**  
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[72] VANCRAEYNST, YVES, BE  
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[54] **FUSION PROTEINS FOR INTRACELLULAR AND INTERCELLULAR TRANSPORT AND THEIR USES**  
[54] **PROTEINES HYBRIDES PERMETTANT LE TRANSPORT INTRACELLULAIRE ET INTERCELLULAIRE ET UTILISATIONS DE CES PROTEINES**  
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[54] **COMPOSITION FRUCTOSANE DE FAIBLE DENSITE**  
[72] DE SOETE, JOHAN, BE  
[72] BOOTEN, KARL, BE  
[72] DAENEKINDT, LUC, BE  
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[54] **SONDE CREUSE CALIBREE POUR IMAGERIE PAR ULTRASON**  
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[71] WILLIAM A. COOK AUSTRALIA PTY. LTD., AU  
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[54] **CARACTERISATION DU TRANSCRIPTOME DE LEVURE**  
[72] VELCULESCU, VICTOR E., US  
[72] KINZLER, KENNETH W., US  
[72] VOGELSTEIN, BERT, US  
[71] THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US  
[85] 1999-07-22  
[86] 1998-01-22 (PCT/US98/01216)  
[87] 1998-07-30 (WO98/32847)  
[30] US (60/035,917) 1997-01-23

[21] **2,278,766**  
[13] A1

[51] **Int.Cl. 6A61K 7/48**  
[25] EN  
[54] **SKIN CARE PRODUCT**  
[54] **PRODUIT POUR LE SOIN DE LA PEAU**  
[72] WALDMANN-LAUE, MARIANNE, DE  
[72] HOERNER, VIOLA, DE  
[72] JASSOY, CLAUDIA, DE  
[72] MUNK, GABRIELE, DE  
[72] BORDAT, PASCAL, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1999-07-26  
[86] 1998-01-29 (PCT/EP98/00473)  
[87] 1998-08-13 (WO98/34589)  
[30] DE (197 04 693.2) 1997-02-07

[21] **2,278,778**  
[13] A1

[51] **Int.Cl. 6C12N 9/02 6A01H 5/00 6C12N 5/10 6C12Q 1/68 6C12N 15/82**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR CONTROLLING CELL DEATH AND DISEASE RESISTANCE IN PLANTS**  
[54] **METHODES ET COMPOSITIONS POUR SUPPRIMER LA MORT DES CELLULES ET ACCROITRE LA RESISTANCE DES PLANTES**  
[72] BRIGGS, STEVEN P., US  
[72] GURMUKH, S. JOHAL, US  
[72] GRAY, JOHN, IE  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[71] CURATORS OF THE UNIVERSITY OF MISSOURI, US  
[85] 1999-08-24  
[86] 1998-03-03 (PCT/US98/04040)  
[87] 1998-09-11 (WO98/39422)  
[30] US (08/810,009) 1997-03-04

[21] **2,279,207**  
[13] A1

[51] **Int.Cl. 6C12N 15/00**  
[25] EN  
[54] **MICROORGANISMS WITH INCREASED PRODUCTION OF CLAVULANIC ACID**  
[54] **NOUVELLES COMPOSITIONS**  
[72] ANDERS, CECILIA, CA  
[72] GRIFFIN, JOHN PATRICK, GB  
[72] MOSHER, ROY HENRY, CA  
[72] PARADKAR, ASHISH SUDHAKAR, CA  
[72] BARTON, BARRY, GB  
[72] JENSEN, SUSAN, CA  
[71] SMITHKLINE BEECHAM PLC, GB  
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA  
[85] 1999-07-29  
[86] 1998-02-02 (PCT/EP98/00644)  
[87] 1998-08-06 (WO98/33896)  
[30] GB (9702218.0) 1997-02-04

[21] **2,279,224**  
[13] A1

[51] **Int.Cl. 6E21B 10/40**  
[25] EN  
[54] **REVERSE CIRCULATION DRILLING SYSTEM WITH BIT LOCKED UNDERREAMER ARMS**  
[54] **SYSTEME DE FORAGE A CIRCULATION INVERSE MUNI DE FORETS ELARGISSEURS VERROUILLES**  
[72] HOLTE, ARDIS L., US  
[71] HOLTE, ARDIS L., US  
[85] 1999-07-28  
[86] 1998-01-28 (PCT/US98/01608)  
[87] 1998-07-30 (WO98/32945)  
[30] US (08/790,066) 1997-01-28

[21] **2,280,861**  
[13] A1

[51] **Int.Cl. 6F16F 9/50 6F16F 13/00 6B62K 25/06**  
[25] EN  
[54] **VALVE MECHANISM FOR DAMPING SYSTEM**  
[54] **MECANISME DE SOUPAPE POUR SYSTEME AMORTISSEUR**  
[72] TURNER, PAUL H., US  
[71] ROCKSHOX, INC., US  
[85] 1999-08-12  
[86] 1998-12-16 (PCT/US98/26750)  
[87] 1999-06-24 (WO99/31403)  
[30] US (60/069,861) 1997-12-17  
[30] US (09/015,471) 1998-01-29

[21] **2,280,897**  
[13] A1

[51] **Int.Cl. 6C04B 38/06**  
[25] EN  
[54] **POROUS CERAMIC SINTERED BODY AND METHOD FOR MANUFACTURING THE SAME**  
[54] **CORPS EN CERAMIQUE FRITTE POREUX ET METHODE DE FABRICATION**  
[72] SHIMADA, KOUICHI, JP  
[71] SHIMADA, KOUICHI, JP  
[71] TAMIYA, INC., JP  
[85] 1999-08-10  
[86] 1999-02-03 (PCT/JP99/00468)  
[87] 1999-08-25 ()  
[30] JP (10-60689) 1998-02-25

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[21] **2,280,939**  
[13] A1

[51] **Int.Cl. 6C12N 15/10 6A01H 5/00 6C12P 21/02 6A01H 5/10 6C12N 5/10 6C12N 15/29 6C12Q 1/68**  
[25] EN  
[54] **PHOSPHATE-DEFICIENCY INDUCIBLE PROMOTER**  
[54] **PROMOTEUR ACTIVABLE PAR UNE DEFICIENCE EN PHOSPHATE**  
[72] MALBOOBI, MOHAMMAD A., IR  
[72] LEFEBVRE, DANIEL D., CA  
[71] PERFORMANCE PLANTS, INC., CA  
[85] 1999-08-16  
[86] 1998-02-24 (PCT/CA98/00146)  
[87] 1998-09-03 (WO98/38295)  
[30] US (08/804,794) 1997-02-24

[21] **2,280,940**  
[13] A1

[51] **Int.Cl. 6A61K 35/78**  
[25] EN  
[54] **USE OF PLANT EXTRACT FOR INHIBITION OF HAEMOPHILUS INFLUENZAE**  
[54] **UTILISATION D'EXTRAITS VEGETAUX POUR INHIBER LE H. INFLUENZAE**  
[72] HWANG, SHIE-MING, US  
[72] TSAI, HSIU-HSIEN, TW  
[71] HWANG, SHIE-MING, US  
[71] TSAI, HSIU-HSIEN, TW  
[85] 1999-06-09  
[86] 1997-09-10 (PCT/US97/15918)  
[87] 1998-06-18 (WO98/25638)  
[30] US (08/761,321) 1996-12-10

[21] **2,280,941**  
[13] A1

[51] **Int.Cl. 6A61L 2/00**  
[25] EN  
[54] **STERILIZING METHOD FOR MEDICAL STERILIZATION PACKAGING AND INJECTION PACK**  
[54] **PROCEDE STERILISANT POUR EMBALLAGE DE STERILISATION MEDICAL ET PAQUET D'INJECTION**  
[72] HASEGAWA, MITSURU, JP  
[72] MITOMI, TOKUSHI, JP  
[72] MAEDA, SHUICHI, JP  
[72] KANAGUCHI, TAKESHI, JP  
[71] SEIKAGKU CORPORATION, JP  
[85] 1999-07-14  
[86] 1998-11-26 (PCT/JP98/05322)  
[87] 1999-06-10 (WO99/27971)  
[30] JP (9-343852) 1997-11-28  
[30] JP (9-367652) 1997-12-26

[21] **2,280,942**  
[13] A1

[51] **Int.Cl. 6B60G 5/02 6B60G 11/14**  
[25] EN  
[54] **FULL LOAD-SHARE COILSPRING BOGIE SUSPENSION**  
[54] **SUSPENSION A BOGIES AVEC RESSORTS A BOUDIN DE REPARTITION DES CHARGES**  
[72] JAMES, ROBERT JOHN, AU  
[71] JAMES, ROBERT JOHN, AU  
[85] 1999-07-22  
[86] 1998-02-06 (PCT/AU98/00059)  
[87] 1998-08-13 (WO98/34803)  
[30] AU (P04967) 1997-02-06

[21] **2,280,943**  
[13] A1

[51] **Int.Cl. 6B41J 25/34 6B41J 2/335**  
[25] EN  
[54] **THERMAL PRINT HEAD MODULE AND METHOD FOR USING**  
[54] **MODULE A TETE D'IMPRESSIION THERMIQUE ET SON PROCEDE D'UTILISATION**  
[72] AMBROSINA, JESSE F., US  
[72] JORDAN, JAMES M., US  
[72] PAWELKA, GERHARD EDUARD-FRANZ, US  
[71] DATACARD CORPORATION, US  
[85] 1999-07-26  
[86] 1998-02-06 (PCT/US98/02733)  
[87] 1998-08-13 (WO98/34792)  
[30] US (08/797,872) 1997-02-10

[21] **2,280,944**  
[13] A1

[51] **Int.Cl. 6G07D 1/00**  
[25] EN  
[54] **COIN DISPENSER**  
[54] **DISTRIBUTEUR DE MONNAIE**  
[72] NAKAJIMA, KENJI, JP  
[72] MIKAMI, MITSUGU, JP  
[72] HAYASHI, TAKAHIRO, JP  
[71] KABUSHIKI KAISHA NIPPON CONLUX, JP  
[85] 1999-07-28  
[86] 1998-11-25 (PCT/JP98/05313)  
[87] 1999-06-10 (WO99/28868)  
[30] JP (328249/1997) 1997-11-28

[21] **2,280,945**  
[13] A1

[51] **Int.Cl. 6A61K 39/385 6C07K 1/10 6A61K 39/39**  
[25] EN  
[54] **ADOPTIVE IMMUNOTHERAPY UTILIZING HEAT SHOCK/STRESS PROTEIN-PEPTIDE COMPLEXES FOR PREVENTION/TREATMENT OF CANCER OR INFECTIOUS DISEASES**  
[54] **IMMUNOTHERAPIE ADOPTIVE UTILISANT DES COMPLEXES PROTEINES DE CHOC THERMIQUE/ PROTEINES DE STRESS-PEPTIDES POUR LA PREVENTION/LE TRAITEMENT DU CANCER OU DES MALADIES INFECTIEUSES**  
[72] SRIVASTAVA, PRAMOD K., US  
[71] FORDHAM UNIVERSITY, US  
[85] 1999-08-06  
[86] 1998-02-03 (PCT/US98/02194)  
[87] 1998-08-13 (WO98/34642)  
[30] US (08/796,316) 1997-02-07

[21] **2,280,946**  
[13] A1

[51] **Int.Cl. 6E21B 19/16**  
[25] EN  
[54] **APPARATUS FOR GRIPPING A TUBULAR MEMBER**  
[54] **APPAREIL DE SERRAGE D'UN ELEMENT TUBULAIRE**  
[72] PIETRAS, BERND-GEORG, DE  
[71] LUCAS, BRIAN RONALD, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 1999-08-06  
[86] 1998-02-04 (PCT/GB98/00350)  
[87] 1998-08-13 (WO98/35128)  
[30] GB (9702532.4) 1997-02-07

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[21] **2,280,947**  
[13] A1  
[51] **Int.Cl. 6B31C 3/00 6B65H 75/02**  
[25] EN  
[54] **A STRUCTURAL PLY OF A PAPERBOARD CORE, A PAPERBOARD CORE MADE THEREOF, AND A METHOD OF IMPROVING THE STIFFNESS OF A PAPERBOARD CORE**  
[54] **JET STRUCTUREL POUR MANDRIN EN CARTON, MANDRIN EN CARTON FABRIQUE A PARTIR DE CE DERNIER, ET PROCEDE PERMETTANT D'AMELIORER LA RIGIDITE D'UN MANDRIN EN CARTON**  
[72] JÄRVINEN, MARKKU, FI  
[72] HÄÄPANIEMI, JUKKA, FI  
[71] AHLSTROM ALCORE OY, FI  
[85] 1999-08-06  
[86] 1998-01-23 (PCT/FI98/00061)  
[87] 1998-08-20 (WO98/35825)  
[30] FI (970646) 1997-02-14  
[30] FI (U970081) 1997-02-14

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[21] **2,280,948**  
[13] A1  
[51] **Int.Cl. 6G06F 9/46 6G06F 15/80**  
[25] EN  
[54] **INFORMATION PROCESSING**  
[54] **TRAITEMENT INFORMATIQUE**  
[72] SHACKLETON, MARK ANDREW, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1999-08-06  
[86] 1998-01-16 (PCT/GB98/00150)  
[87] 1998-08-20 (WO98/36354)  
[30] EP (97300989.7) 1997-02-14

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[21] **2,280,949**  
[13] A1  
[51] **Int.Cl. 6C08B 37/02 6A61K 31/715 6A61K 31/725**  
[25] FR  
[54] **DERIVES DE DEXTRANE, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS COMME MEDICAMENTS A ACTION BIOLOGIQUE SPECIFIQUE**  
[54] **DEXTRAN DERIVATIVES, PREPARATION METHOD AND APPLICATIONS AS MEDICINE WITH SPECIFIC BIOLOGICAL ACTION**  
[72] DAHRI-CORREIA, LATIFA, FR  
[72] CHAUBET, FRÉDÉRIC, FR  
[72] JOZEFONVICZ, JACQUELINE, FR  
[72] CORREIA, JOSÉ, FR  
[72] JOZEFOWICZ, MARCEL, FR  
[72] HUYNH, RÉMI, FR  
[71] SOLUTIONS, FR  
[85] 1999-08-10  
[86] 1998-12-11 (PCT/FR98/02699)  
[87] 1999-06-17 (WO99/29734)  
[30] FR (97-15702) 1997-12-11

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[21] **2,280,950**  
[13] A1  
[51] **Int.Cl. 6A61K 7/48 6A61K 7/06**  
[25] FR  
[54] **UTILISATION DE DERIVES AMIDES D'AMINO PHENOL COMME AGENTS DEPIGMENTANTS**  
[54] **USE OF AMINO PHENOL AMIDE DERIVATIVES AS DEPIGMENTATION AGENTS**  
[72] DUVAL, CHRISTINE, FR  
[72] PHILIPPE, MICHEL, FR  
[72] TULOUP, RÉMY, FR  
[71] L'OREAL, FR  
[85] 1999-08-10  
[86] 1998-11-27 (PCT/FR98/02562)  
[87] 1999-07-01 (WO99/32077)  
[30] FR (97-16171) 1997-12-19

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[21] **2,280,952**  
[13] A1  
[51] **Int.Cl. 6H04L 9/30**  
[25] FR  
[54] **SYSTEME CRYPTOGRAPHIQUE COMPRENANT UN SYSTEME DE CHIFFREMENT ET DE DECHIFFREMENT ET UN SYSTEME DE SEQUESTRE DE CLES, ET LES APPAREILS ET DISPOSITIFS ASSOCIES**  
[54] **CRYPTOGRAPHIC SYSTEM COMPRISING A CIPHERING AND DECIPHERING SYSTEM AND A KEY ESCROW SYSTEM AND ASSOCIATED APPLIANCES AND DEVICES**  
[72] LEVY-DIT-VEHEL, FRANÇOISE, FR  
[72] NACCACHE, DAVID, FR  
[72] STERN, JACQUES, FR  
[71] GEMPLUS S.C.A., FR  
[85] 1999-08-11  
[86] 1998-02-17 (PCT/FR98/00304)  
[87] 1998-08-27 (WO98/37662)  
[30] FR (97-02244) 1997-02-19

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[21] **2,280,953**  
[13] A1  
[51] **Int.Cl. 6H05B 6/80**  
[25] FR  
[54] **FOUR A CUISSON DE PATE**  
[54] **OVEN FOR BAKING DOUGH**  
[72] ACKNIN, CHRISTIAN, FR  
[71] SOCIÉTÉ ALTEC S.A.R.L., FR  
[85] 1999-08-12  
[86] 1998-02-19 (PCT/FR98/00326)  
[87] 1998-08-27 (WO98/37735)  
[30] FR (97/02133) 1997-02-19

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[21] **2,280,954**  
[13] A1  
[51] **Int.Cl. 6C07C 255/53 6C07C 253/20**  
[25] FR  
[54] **PREPARATION DU 4-CYANO-4'-HYDROXY BIPHENYLE**  
[54] **PREPARATION OF 4-CYANO-4'-HYDROXY BIPHENYL**  
[72] CAZAUX, JEAN-BERNARD, FR  
[72] LE BRETON, CHRISTINE, FR  
[71] SOCIÉTÉ D'EXPANSION SCIENTIFIQUE EXPANSIA, FR  
[85] 1999-08-12  
[86] 1998-02-16 (PCT/FR98/00290)  
[87] 1998-08-27 (WO98/37060)  
[30] FR (97/01862) 1997-02-18

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<p style="text-align: right;">[21] <b>2,280,955</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 255/53 6C07C 253/00</b> [25] FR [54] <b>PREPARATION DU 4-CYANO-4'-HYDROXYBIPHENYLE</b> [54] <b>PREPARATION OF 4-CYANO-4'-HYDROXY BIPHENYL</b> [72] LE BRETON, CHRISTINE, FR [72] CAZAUX, JEAN-BERNARD, FR [71] SOCIÉTÉ D'EXPANSION SCIENTIFIQUE EXPANSIA, FR [85] 1999-08-12 [86] 1998-02-16 (PCT/FR98/00289) [87] 1998-08-27 (WO98/37059) [30] FR (97/01861) 1997-02-18</p>	<p style="text-align: right;">[21] <b>2,280,957</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 47/48</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR DELIVERY OF THERAPEUTIC AGENTS TO BONE TISSUE EMPLOYING CONJUGATES OF NEGATIVELY CHARGED PEPTIDE OLIGOMERS WITH THERAPEUTIC AGENTS</b> [54] <b>PROCEDES ET COMPOSITIONS PERMETTANT D'APPORTER DES AGENTS THERAPEUTIQUES A DES TISSUS OSSEUX A L'AIDE DE CONJUGUES D'OLIGOMERES PEPTIDIQUES CHARGES NEGATIVEMENT ET D'AGENTS THERAPEUTIQUES</b> [72] CHU, BARBARA CHEN TEI, US [72] ORGEL, LESLIE, US [71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02811) [87] 1998-08-20 (WO98/35703) [30] US (60/039,739) 1997-02-14 [30] US (60/050,397) 1997-06-20</p>	<p style="text-align: right;">[21] <b>2,280,959</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 12/02</b> [25] EN [54] <b>AUTOMATIC DEICING UNIT</b> [54] <b>UNITE DE DEGLACAGE AUTOMATIQUE</b> [72] ASK, BERNARD J., US [71] ODIN SYSTEMS INTERNATIONAL, INC., US [85] 1999-08-13 [86] 1998-02-12 (PCT/US98/02917) [87] 1998-08-20 (WO98/35762) [30] US (60/037,136) 1997-02-13</p>
<p style="text-align: right;">[21] <b>2,280,956</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D01G 25/00</b> [25] FR [54] <b>PROCEDES ET DISPOSITIFS POUR REALISER UNE NAPPE ET UN PRODUIT TEXTILE CONTINU PROFILES</b> [54] <b>METHODS AND DEVICES FOR PRODUCING A STREAMLINED LAP AND A CONTINUOUS TEXTILE PRODUCT</b> [72] PENE, MICHEL, FR [72] JEAN, ROBERT, FR [72] BIOUL, JEAN-PIERRE, FR [72] JOURDE, BERNARD, FR [71] SOMMER INDUSTRIE, FR [71] ASSELIN, FR [85] 1999-08-13 [86] 1998-02-16 (PCT/FR98/00287) [87] 1998-08-27 (WO98/37264) [30] FR (97/01937) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,280,958</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 1/16 6H04L 12/44</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PROVIDING SHARED RESOURCES TO A PLURALITY OF COMPUTING DEVICES</b> [54] <b>PROCEDE ET APPAREIL D'ATTRIBUTION DE RESSOURCES PARTAGEES A UNE PLURALITE DE DISPOSITIFS INFORMATIQUES</b> [72] SOPKO, KAREN M., US [71] ELECTRONIC DATA SYSTEMS CORPORATION, US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02270) [87] 1998-08-20 (WO98/36345) [30] US (08/800,673) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,960</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 303/48 6A61K 31/335</b> [25] EN [54] <b>OXIRAN CARBOXYLIC ACIDS FOR THE TREATMENT OF DIABETES</b> [54] <b>ACIDES CARBOXYLIQUES D'OXIRANE S'UTILISANT DANS LE TRAITEMENT DU DIABETE</b> [72] WOLF, HORST P. O., DE [71] WOLF, HORST P. O., DE [85] 1999-08-13 [86] 1998-02-05 (PCT/EP98/00611) [87] 1998-08-20 (WO98/35952) [30] DE (197 05 718.7) 1997-02-14</p>
<p style="text-align: right;">[21] <b>2,280,961</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/26</b> [25] EN [54] <b>SYSTEM AND METHOD FOR ANALYZING REMOTE TRAFFIC DATA IN A DISTRIBUTED COMPUTING ENVIRONMENT</b> [54] <b>SYSTEME ET PROCEDE POUR ANALYSER LES DONNEES DE TRAFIC ELOIGNE DANS UN ENVIRONNEMENT D'INFORMATIQUE REPARTIE</b> [72] BOYD, WILLIAM GLEN, US [72] SHAPIRA, ELIJAHU, US [71] WEBTRENDS CORPORATION, US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02771) [87] 1998-09-03 (WO98/38614) [30] US (08/801,707) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,961</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/26</b> [25] EN [54] <b>SYSTEM AND METHOD FOR ANALYZING REMOTE TRAFFIC DATA IN A DISTRIBUTED COMPUTING ENVIRONMENT</b> [54] <b>SYSTEME ET PROCEDE POUR ANALYSER LES DONNEES DE TRAFIC ELOIGNE DANS UN ENVIRONNEMENT D'INFORMATIQUE REPARTIE</b> [72] BOYD, WILLIAM GLEN, US [72] SHAPIRA, ELIJAHU, US [71] WEBTRENDS CORPORATION, US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02771) [87] 1998-09-03 (WO98/38614) [30] US (08/801,707) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,961</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/26</b> [25] EN [54] <b>SYSTEM AND METHOD FOR ANALYZING REMOTE TRAFFIC DATA IN A DISTRIBUTED COMPUTING ENVIRONMENT</b> [54] <b>SYSTEME ET PROCEDE POUR ANALYSER LES DONNEES DE TRAFIC ELOIGNE DANS UN ENVIRONNEMENT D'INFORMATIQUE REPARTIE</b> [72] BOYD, WILLIAM GLEN, US [72] SHAPIRA, ELIJAHU, US [71] WEBTRENDS CORPORATION, US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02771) [87] 1998-09-03 (WO98/38614) [30] US (08/801,707) 1997-02-14</p>



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[21] **2,280,962**  
[13] A1

[51] **Int.Cl. 6H04B 10/17**  
[25] EN  
[54] **OPTICAL FIBER AMPLIFIER HAVING VARIABLE GAIN**  
[54] **AMPLIFICATEUR A FIBRE OPTIQUE PRESENTANT UN GAIN VARIABLE**  
[72] SUNDELIN, MAGNUS, SE  
[72] BONNEDAL, DAG, SE  
[72] SANDELL, JOHAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-08-13  
[86] 1998-02-13 (PCT/SE98/00255)  
[87] 1998-08-20 (WO98/36513)  
[30] SE (9700533-4) 1997-02-14

[21] **2,280,963**  
[13] A1

[51] **Int.Cl. 6E21B 33/127**  
[25] EN  
[54] **INFLATABLE DOWNHOLE SEAL JOINT DE FOND GONFLABLE**  
[72] DRECHSLER, JAN, NO  
[72] UNSGAARD, TOM, NO  
[71] WEATHERFORD/LAMB, INC., US  
[85] 1999-08-13  
[86] 1998-02-03 (PCT/NO98/00037)  
[87] 1998-08-20 (WO98/36152)  
[30] NO (970671) 1997-02-14

[21] **2,280,964**  
[13] A1

[51] **Int.Cl. 6G02B 6/293 6H04J 14/02**  
[25] EN  
[54] **OPTICAL DEVICES AND METHODS**  
[54] **DISPOSITIFS ET PROCEDE OPTIQUES**  
[72] ELIAS, MARTIN CHARLES, AU  
[72] MADDEN, STEPHEN JOHN, AU  
[71] AOFR PTY. LIMITED, AU  
[85] 1999-08-13  
[86] 1998-02-13 (PCT/AU98/00089)  
[87] 1998-08-20 (WO98/36302)  
[30] AU (PO5116/97) 1997-02-14

[21] **2,280,965**  
[13] A1

[51] **Int.Cl. 6H04N 7/16 6H04N 5/44**  
[25] EN  
[54] **INPUT/OUTPUT DEVICE AND INPUT/OUTPUT METHOD, AND RECEIVER**  
[54] **DISPOSITIF ET PROCEDE D'ENTREE/SORTIE ET RECEPTEUR**  
[72] HAMADA, ICHIRO, JP  
[71] SONY CORPORATION, JP  
[85] 1999-08-13  
[86] 1998-12-15 (PCT/JP98/05655)  
[87] 1999-06-24 (WO99/31880)  
[30] JP (PO9-344630) 1997-12-15

[21] **2,280,966**  
[13] A1

[51] **Int.Cl. 6A61K 47/42 6A61M 27/00 6A61K 38/18 6A61K 35/32 6A61K 38/39**  
[25] EN  
[54] **IMPLANTABLE COLLAGEN-CONTAINING PUTTY MATERIAL**  
[54] **MATERIAU IMPLANTABLE DE TYPE MASTIC, A BASE DE COLLAGENE**  
[72] DAMIEN, CHRISTOPHER J., US  
[71] DAMIEN, CHRISTOPHER J., US  
[71] BENEDICT, JAMES A., US  
[85] 1999-08-13  
[86] 1998-02-12 (PCT/US98/02751)  
[87] 1998-08-20 (WO98/35653)  
[30] US (60/037,071) 1997-02-13

[21] **2,280,967**  
[13] A1

[51] **Int.Cl. 6C07C 27/00 6C07C 29/00 6C07C 45/00 6C07C 51/16**  
[25] EN  
[54] **METHOD FOR PREPARING CLEAVED PRODUCTS FROM CASTOR OIL OR DERIVATIVES THEREOF**  
[54] **PROCEDE DE PREPARATION DE PRODUITS DE SCISSION DE L'HUILE DE RICIN OU DE SES COMPOSES**  
[72] TOTAH, THOMAS S., US  
[72] RIES, CHARLES D., US  
[71] CASCHEM, INC., US  
[85] 1999-08-13  
[86] 1998-02-11 (PCT/US98/02460)  
[87] 1998-08-20 (WO98/35925)  
[30] US (08/800,416) 1997-02-14

[21] **2,280,968**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 14/47**  
[25] EN  
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**  
[72] LaVALLIE, EDWARD R., US  
[72] TREACY, MAURICE, US  
[72] SPAULDING, VIKKI, US  
[72] McCOY, JOHN M., US  
[72] JACOBS, KENNETH, US  
[72] AGOSTINO, MICHAEL J., US  
[72] RACIE, LISA A., US  
[72] MERBERG, DAVID, US  
[71] GENETICS INSTITUTE, INC., US  
[85] 1999-08-10  
[86] 1998-02-13 (PCT/US98/02767)  
[87] 1998-08-20 (WO98/36067)  
[30] US (08/800,418) 1997-02-14  
[30] US (09/022,692) 1998-02-12

[21] **2,280,969**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM FOR OPTIMIZING A NETWORK PLAN AND METHOD OF OPERATION**  
[54] **SYSTEME D'OPTIMISATION DE PLAN DE RESEAU ET PROCEDE DE FONCTIONNEMENT**  
[72] CRAWFORD, JAMES M., JR., US  
[72] KENNEDY, BRIAN M., US  
[72] HOGGE, JOHN C., US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 1999-08-13  
[86] 1998-02-16 (PCT/US98/02779)  
[87] 1998-08-20 (WO98/36369)  
[30] US (08/800,717) 1997-02-17

[21] **2,280,970**  
[13] A1

[51] **Int.Cl. 6E03F 5/20 6F16L 43/00**  
[25] EN  
[54] **PIPE BEND**  
[54] **COUDE DE TUYAUTERIE**  
[72] BENTE, CORNELIS WILHELMUS MARIA, NL  
[71] WISA B.V., NL  
[85] 1999-08-13  
[86] 1998-02-25 (PCT/NL98/00112)  
[87] 1998-08-27 (WO98/37283)  
[30] NL (1005365) 1997-02-25

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<p style="text-align: right;">[21] <b>2,280,972</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 10/00</b> [25] EN [54] <b>REDUCTION OF COLLISION INDUCED TIMING JITTER BY PERIODIC DISPERSION MANAGEMENT IN SOLITON WDM TRANSMISSION</b> [54] <b>REDUCTION DE GIGUE TEMPORELLE PROVOQUEE PAR DES COLLISIONS, AU MOYEN D'UNE GESTION DE LA DISPERSION PERIODIQUE DANS UNE TRANSMISSION PAR SOLITONS AVEC MRL</b> [72] GOLOVCHENKO, EKATERINA A., US [72] MENYUK, CURTIS R., US [72] PILIPETSKII, ALEXEI N., US [71] UNIVERSITY OF MARYLAND BALTIMORE COUNTY, US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02641) [87] 1998-08-20 (WO98/36512) [30] US (08/799,365) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,974</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E01D 19/12 6E01C 5/08</b> [25] EN [54] <b>PRE-CAST CONCRETE DECKING FOR LOAD SUPPORTING STRUCTURES</b> [54] <b>ELEMENT DE PLANCHER EN BETON PREFABRIQUE POUR STRUCTURES PORTEUSES</b> [72] MUFTI, AFTAB A., CA [71] MUFTI, AFTAB A., CA [85] 1999-08-13 [86] 1998-02-26 (PCT/CA98/00141) [87] 1998-09-03 (WO98/38386) [30] US (08/805,830) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,280,977</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A41D 13/00 6A41D 31/00</b> [25] FR [54] <b>MATERIAU TEXTILE COMPOSITE DE PROTECTION DU CORPS HUMAIN CONTRE LA CHALEUR</b> [54] <b>COMPOSITE TEXTILE MATERIAL FOR PROTECTING THE HUMAN BODY AGAINST HEAT</b> [72] BOYE, PHILIPPE, FR [71] MANUFACTURE DE VETEMENTS PAUL BOYE, FR [85] 1999-08-03 [86] 1998-02-04 (PCT/FR98/00197) [87] 1998-08-13 (WO98/34505) [30] FR (97/01342) 1997-02-06</p>
<p style="text-align: right;">[21] <b>2,280,973</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02K 41/02</b> [25] EN [54] <b>APPARATUS FOR PRODUCING LINEAR MOTION</b> [54] <b>APPAREIL PRODUISANT DES MOUVEMENTS LINEAIRES</b> [72] DENNE, PHILLIP RAYMOND MICHAEL, GB [71] LINEAR MOTION TECHNOLOGY LLC, US [85] 1999-08-13 [86] 1998-02-20 (PCT/GB98/00495) [87] 1998-08-27 (WO98/37615) [30] GB (9703821.0) 1997-02-24 [30] GB (9719735.4) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,280,975</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/32 6B65B 53/00</b> [25] EN [54] <b>UNIAXIALLY SHRINKABLE BIAXIALLY ORIENTED POLYPROPYLENE FILM WITH HDPE SKIN</b> [54] <b>FILM EN POLYPROPYLENE ORIENTE BIAxiaLEMENT RETRECISSABLE UNIAxiaLEMENT A PEAU PEHD</b> [72] WILLIAMS, DAVID RANDALL, US [71] MOBIL OIL CORPORATION, US [85] 1999-08-13 [86] 1998-02-24 (PCT/US98/03576) [87] 1998-09-03 (WO98/38041) [30] US (08/806,428) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,280,978</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 9/64</b> [25] FR [54] <b>PROCEDE POUR RECONNAITRE DANS UN CATALOGUE PREETABLI DES ETOILES DETECTEES PAR UN SENSEUR STELLAIRE</b> [54] <b>METHOD FOR IDENTIFYING IN A PRE-ESTABLISHED CATALOGUE STARS DETECTED BY A STAR SENSOR</b> [72] POTTECK, SERGE, FR [71] CENTRE NATIONAL D'ÉTUDES SPATIALES, FR [85] 1999-08-12 [86] 1998-02-13 (PCT/FR98/00277) [87] 1998-08-20 (WO98/36373) [30] FR (97/01668) 1997-02-13</p>
	<p style="text-align: right;">[21] <b>2,280,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 41/72</b> [25] EN [54] <b>A PROCESS FOR THE ELECTROCHEMICAL TREATMENT OF CONCRETE</b> [54] <b>PROCEDE DE TRAITEMENT ELECTROCHIMIQUE DE BETON</b> [72] MILLER, JOHN B., NO [71] FOSROC INTERNATIONAL LIMITED, GB [85] 1999-08-13 [86] 1998-02-12 (PCT/GB98/00462) [87] 1998-08-20 (WO98/35922) [30] GB (9703167.8) 1997-02-15</p>	

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[21] **2,280,979**  
[13] A1

[51] **Int.Cl. 6C08G 65/32**  
[25] FR  
[54] **COMPOSE DE POLYOXYDES D'ALKYLENE FONCTIONNALISE ET UTILISATIONS COMME AGENT DISPERSANT POUR NOIRS DE CARBONE**  
[54] **FUNCTIONALISED POLYOXYALKYLENES AND THEIR USE AS DISPERSANTS FOR CARBON BLACK**  
[72] LE PERCHEC, PIERRE, FR  
[72] BRUNEL, SYLVAIN, FR  
[72] SAINT MICHEL, FABRICE, FR  
[72] SILLION, BERNARD, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 1999-08-12  
[86] 1998-02-17 (PCT/FR98/00305)  
[87] 1998-08-27 (WO98/37122)  
[30] FR (97/02123) 1997-02-18

[21] **2,280,980**  
[13] A1

[51] **Int.Cl. 6A61K 31/35 6A61K 9/50**  
[25] FR  
[54] **COMPOSITION PHARMACEUTIQUE POUR LA LIBERATION PROGRAMMEE DE DEXFENFLURAMINE**  
[54] **PHARMACEUTICAL COMPOSITION FOR THE PROGRAMMED RELEASE OF DEXFENFLURAMINE**  
[72] DAUPHANT, CLAUDE, FR  
[72] HUET DE BAROCHEZ, BRUNO, FR  
[72] WUTHRICH, PATRICK, FR  
[71] ADIR ET COMPAGNIE, FR  
[85] 1999-08-12  
[86] 1998-02-26 (PCT/FR98/00377)  
[87] 1998-09-03 (WO98/37876)  
[30] FR (97/02446) 1997-02-28

[21] **2,280,997**  
[13] A1

[51] **Int.Cl. 6C12N 15/90 6A01K 67/027 6C12N 5/16 6C07K 16/18**  
[25] EN  
[54] **DNA-BASED TRANSPOSON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL**  
[54] **SYSTEME TRANSPOSON A BASE D'ADN PERMETTANT D'INTRODUIRE DE L'ACIDE NUCLEIQUE DANS L'ADN D'UNE CELLULE**  
[72] IZSVAK, ZSUZSANNA, DE  
[72] IVICS, ZOLTAN, DE  
[72] HACKETT, PERRY B., US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[85] 1999-08-13  
[86] 1998-03-11 (PCT/US98/04687)  
[87] 1998-09-17 (WO98/40510)  
[30] US (60/040,664) 1997-03-11  
[30] US (60/053,868) 1997-07-28  
[30] US (60/065,303) 1997-11-13

[21] **2,280,998**  
[13] A1

[51] **Int.Cl. 6A61K 38/17 6A61K 38/20 6A61K 39/395**  
[25] EN  
[54] **A PHARMACEUTICAL COMPOSITION FOR TREATING HEPATITIS B VIRUS (HBV) INFECTION**  
[54] **COMPOSITION PHARMACEUTIQUE DE TRAITEMENT DE L'INFECTION PAR LE VIRUS DE L'HEPATITE B (HBV)**  
[72] NAHOR, ORIT, IL  
[72] GALUN, EITHAN, IL  
[72] BLUM, HUBERT E., DE  
[71] HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT COMPANY LTD., IL  
[85] 1999-08-10  
[86] 1998-02-10 (PCT/US98/08898)  
[87] 1998-08-20 (WO98/35694)  
[30] US (08/795,473) 1997-02-11

[21] **2,281,000**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/50**  
[25] EN  
[54] **DIAGNOSIS AND TREATMENT OF GLAUCOMA**  
[54] **DIAGNOSTIC ET TRAITEMENT DE GLAUCOME**  
[72] SARFARAZI, MANSOOR, US  
[71] THE UNIVERSITY OF CONNECTICUT, US  
[85] 1999-08-11  
[86] 1998-02-12 (PCT/US98/02851)  
[87] 1998-08-20 (WO98/36098)  
[30] US (08/800,036) 1997-02-13  
[30] US (08/926,492) 1997-09-10

[21] **2,281,001**  
[13] A1

[51] **Int.Cl. 6C12N 15/53 6C12N 9/04 6C12P 7/18 6C12N 1/21 6C12N 9/88**  
[25] EN  
[54] **MICROBIAL PRODUCTION OF 1,2-PROPANEDIOL FROM SUGAR**  
[54] **PRODUCTION MICROBIENNE DE 1,2-PROPANEDIOLS A PARTIR DE SUCRE**  
[72] SHAW, ANITA J., US  
[72] CAMERON, DOUGLAS C., US  
[72] ALTARAS, NEDIM E., US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 1999-08-16  
[86] 1998-02-19 (PCT/US98/03271)  
[87] 1998-08-27 (WO98/37204)  
[30] US (08/801,344) 1997-02-19

[21] **2,281,002**  
[13] A1

[51] **Int.Cl. 6C12P 19/34 6A01G 1/00 6C12N 15/00 6C07H 21/02 6A01G 1/04 6C07H 21/04 6C12N 5/04 6C12N 5/10**  
[25] EN  
[54] **DNA CONSTRUCT TO CONFER MULTIPLE TRAITS ON PLANTS**  
[54] **PRODUIT DE RECOMBINAISON D'ADN CONCU POUR CONFERER A DES PLANTES DE MULTIPLES TRAITS DE CARACTERE**  
[72] GONSALVES, DENNIS, US  
[72] PANG, SHENG-ZHI, US  
[72] JAN, FUH-JYH, US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 1999-08-11  
[86] 1998-02-18 (PCT/US98/03030)  
[87] 1998-08-27 (WO98/37223)  
[30] US (60/035,350) 1997-02-19  
[30] US (60/062,870) 1997-10-21

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[21] **2,281,015**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 14/47**  
[25] EN  
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES CODANT POUR CELLES-CI**  
[72] SPAULDING, VIKKI, US  
[72] TREACY, MAURICE, US  
[72] RACIE, LISA A., US  
[72] MERBERG, DAVID, US  
[72] AGOSTINO, MICHAEL J., US  
[72] LAVALLIE, EDWARD R., US  
[72] JACOBS, KENNETH, US  
[72] MCCOY, JOHN M., US  
[71] GENETICS INSTITUTE, INC., US  
[85] 1999-08-13  
[86] 1998-02-25 (PCT/US98/03697)  
[87] 1998-09-03 (WO98/38209)  
[30] US (08/805,819) 1997-02-26  
[30] US (09/028,724) 1998-02-24

[21] **2,281,016**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12Q 1/00 6C12N 15/64 6C12N 15/85**  
[25] EN  
[54] **METHODS FOR IDENTIFYING, CHARACTERIZING, AND EVOLVING CELL-TYPE SPECIFIC CIS REGULATORY ELEMENTS**  
[54] **PROCEDES POUR IDENTIFIER, CARACTERISER ET FAIRE EVOLUER DES ELEMENTS REGULATEURS A EFFET CIS SPECIFIQUE DE TYPE CELLULAIRE**  
[72] KAMB, CARL ALEXANDER, US  
[72] CAPONIGRO, GIORDANO M., US  
[71] ARCARI, INC., US  
[85] 1999-08-11  
[86] 1998-02-13 (PCT/US98/02758)  
[87] 1998-08-20 (WO98/36097)  
[30] US (08/800,664) 1997-02-14

[21] **2,281,032**  
[13] A1

[51] **Int.Cl. 6C07K 14/715**  
[25] EN  
[54] **MODIFIED CYTOKINE RECEPTOR PROTEIN**  
[54] **PROTEINE MODIFIEE DE RECEPTEUR DE CYTOKINE**  
[72] SUNDSTROM, MICHAEL, SE  
[72] NORSTEDT, GUNNAR, SE  
[71] PHARMACIA & UPJOHN AB, SE  
[85] 1999-08-12  
[86] 1998-02-17 (PCT/SE98/00277)  
[87] 1998-08-20 (WO98/35991)  
[30] SE (9700566-4) 1997-02-18

[21] **2,281,034**  
[13] A1

[51] **Int.Cl. 6A61L 9/04 6A63J 23/02 6F24F 3/12**  
[25] EN  
[54] **PRECISION FRAGRANCE DISPENSER APPARATUS**  
[54] **APPAREIL DISTRIBUANT AVEC PRECISION DES ODEURS**  
[72] MARTIN, DAVID A., US  
[71] MARTIN, DAVID A., US  
[85] 1999-08-11  
[86] 1998-03-05 (PCT/US98/04158)  
[87] 1998-09-11 (WO98/39687)  
[30] US (812,798) 1997-03-06

[21] **2,281,059**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 14/47 6C12Q 1/68**  
[25] EN  
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**  
[72] SPAULDING, VIKKI, US  
[72] TREACY, MAURICE, US  
[72] RACIE, LISA A., US  
[72] AGOSTINO, MICHAEL J., US  
[72] JACOBS, KENNETH, US  
[72] MERBERG, DAVID, US  
[72] LAVALLIE, EDWARD R., US  
[72] MCCOY, JOHN M., US  
[71] GENETICS INSTITUTE, INC., US  
[85] 1999-08-13  
[86] 1998-02-24 (PCT/US98/03595)  
[87] 1998-08-27 (WO98/37094)  
[30] US (08/804,561) 1997-02-24  
[30] US (09/028,168) 1998-02-23

[21] **2,281,060**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 39/00 6C12N 5/10 6C12N 5/16 6C07K 16/28 6A61K 39/395 6C07K 14/47 6G01N 33/50 6C12N 15/62 6C07K 14/705**  
[25] EN  
[54] **NUCLEIC ACIDS ENCODING SPERM ANTIGENS AND REPROSA-I POLYPEPTIDES**  
[54] **ACIDES NUCLEIQUES CODANT DES ANTIGENES SPERMATIQUES ET POLYPEPTIDES REPROSA-I**  
[72] FRENCH, CYNTHIA K., US  
[72] NEILSON, LOMA I., US  
[72] SCHNEIDER, PATRICK A., US  
[72] YAMAMOTO, KAREN K., US  
[71] REPROGEN, INC., US  
[85] 1999-08-11  
[86] 1998-02-17 (PCT/US98/03513)  
[87] 1998-08-20 (WO98/36073)  
[30] US (60/039,574) 1997-02-18

[21] **2,281,086**  
[13] A1

[51] **Int.Cl. 6C07H 21/02 6C07H 21/04 6C12P 19/34 6C12Q 1/68 6C12N 15/85**  
[25] EN  
[54] **OLIGOMERS WHICH INHIBIT EXPRESSION OF COLLAGEN GENES**  
[54] **OLIGOMERES INHIBANT L'EXPRESSION DE GENES DE COLLAGENE**  
[72] KANDALA, JAGANNADHACHARI, US  
[72] KOVACS, ATILLA, US  
[72] GUNTAKA, RAMAREDDY V., US  
[72] WEBER, KARL THEODORE, US  
[71] GUNTAKA, RAMAREDDY V., US  
[85] 1999-08-13  
[86] 1997-12-12 (PCT/US97/22874)  
[87] 1998-08-20 (WO98/35979)  
[30] US (08/802,547) 1997-02-18

[21] **2,281,087**  
[13] A1

[51] **Int.Cl. 6B67B 7/70 6B67B 7/44**  
[25] EN  
[54] **FOIL CUTTER FOR A CORKSCREW**  
[54] **COUPE-CAPSULE DE BOUCHAGE DESTINE A UN TIRE-BOUCHON**  
[72] GORT-BARTEN, LESLIE ALEXANDER, GB  
[71] DUALIT LIMITED, GB  
[85] 1999-08-13  
[86] 1998-02-10 (PCT/GB98/00412)  
[87] 1998-08-20 (WO98/35907)  
[30] GB (9702913.6) 1997-02-13

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[21] **2,281,088**  
[13] A1

[51] **Int.Cl. 6B01D 53/22 6B01D 19/00 6G01N 1/22 6G01N 33/28**  
[25] EN  
[54] **APPARATUS FOR EXTRACTING A GAS FROM A LIQUID AND DELIVERING THE GAS TO A COLLECTION STATION**  
[54] **APPAREIL PERMETTANT D'EXTRAIRE DU GAZ D'UN LIQUIDE ET ALIMENTANT UN POSTE DE COLLECTE AVEC CE GAZ**  
[72] BLIVEN, DAVID C., US  
[71] RAYCHEM CORPORATION, US  
[85] 1999-08-13  
[86] 1998-02-02 (PCT/US98/02021)  
[87] 1998-08-20 (WO98/36275)  
[30] US (08/798,283) 1997-02-14

[21] **2,281,089**  
[13] A1

[51] **Int.Cl. 6C08F 36/04 6C07F 17/00 6C08F 4/64 6C08F 4/76**  
[25] EN  
[54] **NOVEL CATALYST SYSTEM, THE USE THEREOF IN THE POLYMERIZATION OF DIENES IN A SOLUTION, SUSPENSION AND VAPOUR PHASE AND THE USE OF DIENE RUBBERS PRODUCED THEREWITH**  
[54] **NOUVEAU SYSTEME CATALYSEUR, SON UTILISATION POUR POLYMERISER DES DIENES EN SOLUTION, EN SUSPENSION OU EN PHASE GAZEUSE ET UTILISATION DES CAOUTCHOUCS DIENIQUES PRODUITS A L'AIDE DUDIT SYSTEME CATALYSEUR**  
[72] KAMINSKY, WALTER, DE  
[72] ENGEHAUSEN, RUDIGER, DE  
[72] SCHOLZ, VOLKER, DE  
[72] DAUBEN, MICHAEL, DE  
[72] GREVE, HEINZ HERMANN, CA  
[72] STRUBEL, CHRISTIAN, DE  
[72] NENTWIG, WOLFGANG, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1999-08-13  
[86] 1998-02-10 (PCT/EP98/00739)  
[87] 1998-08-20 (WO98/36004)  
[30] DE (197 06 027.7) 1997-02-17  
[30] DE (197 06 026.9) 1997-02-17  
[30] DE (197 06 025.0) 1997-02-17

[21] **2,281,090**  
[13] A1

[51] **Int.Cl. 6C07D 413/12 6C07D 413/14 6C07D 261/16 6A61K 9/19 6A61K 31/42**  
[25] EN  
[54] **SULFONAMIDES FOR TREATMENT OF ENDOTHELIN-MEDIATED DISORDERS**  
[54] **SULFAMIDES POUR LE TRAITEMENT DES TROUBLES INDUITS PAR L'ENDOTHELIN**  
[72] WU, CHENGDE, US  
[72] BLOK, NATALIE, US  
[72] KELLER, KARIN, US  
[72] KOGAN, TIMOTHY P. (Deceased), US  
[72] WOODARD, PATRICIA, US  
[71] TEXAS BIOTECHNOLOGY CORPORATION, US  
[85] 1999-08-13  
[86] 1998-04-02 (PCT/US98/06680)  
[87] 1998-11-05 (WO98/49162)  
[30] US (08/847,797) 1997-04-28  
[30] US (08/938,444) 1997-09-26

[21] **2,281,091**  
[13] A1

[51] **Int.Cl. 6H01J 65/00 6H01J 5/02 6H01J 5/46**  
[25] EN  
[54] **FLAT SPOTLIGHT WITH DISCHARGE SEPARATED BY A DIELECTRIC LAYER AND DEVICE FOR THE ELECTRODES INTO THE LEADING DISCHARGE AREA**  
[54] **SPOT PLAT A DECHARGE SEPAREE PAR UNE COUCHE DIELECTRIQUE ET DISPOSITIF DESTINE AU PASSAGE DES ELECTRODES DANS L'ESPACE DE DECHARGE**  
[72] VOLLKOMMER, FRANK, DE  
[72] HITZSCHKE, LOTHAR, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[85] 1999-08-13  
[86] 1998-03-20 (PCT/DE98/00828)  
[87] 1998-10-01 (WO98/43280)  
[30] DE (197 11 891.7) 1997-03-21  
[30] DE (197 29 175.9) 1997-07-08

[21] **2,281,092**  
[13] A1

[51] **Int.Cl. 6B66C 19/00**  
[25] EN  
[54] **TRANSPORTER CONTAINER-LOADING BRIDGE**  
[54] **PONT DECHARGEUR POUR CONTENEURS**  
[72] WEIS, OTTO, DE  
[71] NOELL STAHL-UND MASCHINENBAU GMBH, DE  
[85] 1999-08-13  
[86] 1998-02-12 (PCT/DE98/00407)  
[87] 1998-08-20 (WO98/35905)  
[30] DE (197 05 670.9) 1997-02-14

[21] **2,281,093**  
[13] A1

[51] **Int.Cl. 6B65D 1/02**  
[25] EN  
[54] **HIGH STRENGTH CONTAINER**  
[54] **RECIPIENT HAUTE RESISTANCE**  
[72] ZOGG, JON, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 1999-08-13  
[86] 1998-02-19 (PCT/US98/03122)  
[87] 1998-08-27 (WO98/36976)  
[30] US (08/803,296) 1997-02-20

[21] **2,281,094**  
[13] A1

[51] **Int.Cl. 6H04B 7/08 6H04B 7/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WIRELESS COMMUNICATION EMPLOYING AGGREGATION FOR DIGITAL SIGNALS**  
[54] **PROCEDE ET DISPOSITIF DE RADIOCOMMUNICATIONS FONCTIONNANT PAR REGROUPEMENT DE SIGNAUX NUMERIQUES**  
[72] WALLERIUS, JOHN WALKER, US  
[72] WALTERS, ANDREW JOHN, US  
[72] VASTANO, JOHN ANDREW, US  
[71] CELLULAR TELECOM, LTD., US  
[85] 1999-08-13  
[86] 1998-02-11 (PCT/US98/02689)  
[87] 1998-08-20 (WO98/36509)  
[30] US (08/801,711) 1997-02-14

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[21] **2,281,095**  
[13] A1

[51] **Int.Cl. 6B67B 7/04**  
[25] EN  
[54] **CORKSCREW ASSEMBLY**  
[54] **ENSEMBLE TIRE-BOUCHON**  
[72] GORT-BARTEN, LESLIE  
ALEXANDER, GB  
[71] DUALIT LIMITED, GB  
[85] 1999-08-13  
[86] 1998-02-10 (PCT/GB98/00411)  
[87] 1998-08-20 (WO98/35906)  
[30] GB (9702913.6) 1997-02-13  
[30] GB (9712344.2) 1997-06-13

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[21] **2,281,096**  
[13] A1

[51] **Int.Cl. 6A61K 31/34 6A61K 31/535**  
[25] EN  
[54] **METHOD OF USING**  
**NEUROTROPHIC CARBAMATES AND**  
**UREAS**  
[54] **METHODE D'UTILISATION DE**  
**CARBAMATES ET D'UREES**  
**NEUROTROPHIQUES**  
[72] LI, JIA-HE, US  
[72] HAMILTON, GREGORY S., US  
[72] STEINER, JOSEPH P., US  
[71] GUILFORD PHARMACEUTICALS  
INC., US  
[85] 1999-08-13  
[86] 1998-02-26 (PCT/US98/03485)  
[87] 1998-09-03 (WO98/37882)  
[30] US (08/805,646) 1997-02-27

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[21] **2,281,097**  
[13] A1

[51] **Int.Cl. 6A61M 16/04**  
[25] EN  
[54] **ENDOTRACHEAL TUBE**  
[54] **TUBE ENDOTRACHEAL**  
[72] PARKER, JEFFREY D., US  
[71] PARKER MEDICAL LIMITED  
PARTNERSHIP, US  
[85] 1999-08-13  
[86] 1998-03-17 (PCT/US98/05173)  
[87] 1998-09-24 (WO98/41273)  
[30] US (819,783) 1997-03-18

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[21] **2,281,098**  
[13] A1

[51] **Int.Cl. 6B07B 1/46 6B29C 33/40**  
**6B29C 70/70**  
[25] EN  
[54] **IMPROVED FILTERING SCREEN**  
**AND SUPPORT FRAME THEREFOR**  
[54] **TAMIS DE FILTRAGE AMELIORE**  
**ET CADRE D'APPUI LE CONCERNANT**  
[72] COOK, GORDON JAMES, GB  
[72] STEWART, DUGALD, GB  
[72] HUGHES, ANDREW, GB  
[72] BAILEY, ARTHUR ROBERT, GB  
[72] HARTNUP, GEORGE CHARLES, GB  
[71] UNITED WIRE LIMITED, GB  
[85] 1999-08-13  
[86] 1998-02-25 (PCT/GB98/00601)  
[87] 1998-09-03 (WO98/37988)  
[30] GB (9704332.7) 1997-03-01  
[30] GB (9719850.1) 1997-09-19

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[21] **2,281,099**  
[13] A1

[51] **Int.Cl. 6H04M 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**TELEPHONE INTERCOM DOORBELL**  
**RESPONSE SYSTEM**  
[54] **PROCEDE ET APPAREIL**  
**DESTINES A UN SYSTEME DE**  
**REPONDEUR PAR INTERPHONE**  
**TELEPHONIQUE RELIE A UNE**  
**SONNETTE**  
[72] STUART, JOHN C., US  
[72] CHORNENKY, O. JOSEPH, US  
[72] MAXSON, MICHAEL G., US  
[71] STUART, JOHN C., US  
[71] CHORNENKY, O. JOSEPH, US  
[71] MAXSON, MICHAEL G., US  
[85] 1999-08-13  
[86] 1998-03-04 (PCT/US98/04148)  
[87] 1998-09-11 (WO98/39894)  
[30] US (08/811,498) 1997-03-05  
[30] US (09/018,325) 1998-02-03

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[21] **2,281,103**  
[13] A1

[51] **Int.Cl. 6G06F 7/00 6G06F 17/30**  
[25] EN  
[54] **N-WAY PROCESSING OF BIT**  
**STRINGS IN A DATAFLOW**  
**ARCHITECTURE**  
[54] **TRAITEMENT A N BRANCHES DE**  
**CHAINES BINAIRES DANS UNE**  
**ARCHITECTURE A CIRCULATION DE**  
**DONNEES**  
[72] McCOOL, MICHAEL W., US  
[72] MARQUIS, JEAN A., US  
[71] SAND TECHNOLOGY SYSTEMS  
INTERNATIONAL, INC., CA  
[85] 1999-08-11  
[86] 1998-02-18 (PCT/US98/04796)  
[87] 1998-08-20 (WO98/36349)  
[30] US (08/801,317) 1997-02-18

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[21] **2,281,104**  
[13] A1

[51] **Int.Cl. 6C07D 209/02 6C07D 291/00**  
**6C07D 405/00 6C07D 409/00 6C07D 303/**  
**02 6C07D 405/02 6C07D 409/02 6C07F 7/**  
**02 6C07F 9/06 6C07D 303/08 6C07D 303/**  
**12 6C07D 405/14 6C07F 9/28 6C07D 277/**  
**30 6C07D 233/32 6C07D 307/34 6C07D**  
**303/36 6C07D 317/46 6C07D 333/52**  
**6C07D 233/54 6C07D 333/72**  
[25] EN  
[54] **SELECTIVE EPOXIDATION**  
**PROCESS FOR PREPARING**  
**PHARMACEUTICAL COMPOUNDS**  
[54] **PROCEDE D'EPOXYDATION**  
**SELECTIVE POUR LA PREPARATION**  
**DE COMPOSES PHARMACEUTIQUES**  
[72] MOHER, ERIC DAVID, US  
[72] PATEL, VINOD FRANCIS, US  
[72] HOARD, DAVID WARREN, US  
[72] NORMAN, BRYAN HURST, US  
[71] WAYNE STATE UNIVERSITY, US  
[71] ELI LILLY AND COMPANY, US  
[71] UNIVERSITY OF HAWAII, US  
[85] 1999-08-10  
[86] 1998-02-25 (PCT/US98/03667)  
[87] 1998-09-03 (WO98/38164)  
[30] US (60/039,114) 1997-02-26  
[30] US (60/039,116) 1997-02-26

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,281,105</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 493/04</b> [25] EN [54] <b>EPOTHILONES WITH A MODIFIED SIDE CHAIN</b> [54] <b>EPOTHILONES A CHAINE LATERALE MODIFIEE</b> [72] HOFLE, GERHARD, DE [72] SEFKOW, MICHAEL, DE [71] GESELLSCHAFT FUR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF), DE [85] 1999-08-09 [86] 1998-02-25 (PCT/EP98/01060) [87] 1998-09-03 (WO98/38192) [30] DE (197 07 505.3) 1997-02-25</p>	<p style="text-align: right;">[21] <b>2,281,108</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 229/00 6C07D 291/00 6C07D 405/00 6C07D 409/00 6C07D 209/02 6C07D 303/02 6C07D 405/02 6C07D 409/02 6C07F 7/02 6C07F 9/06 6C07D 303/08 6C07D 303/12 6C07D 405/14 6C07F 9/28 6C07D 277/30 6C07D 233/32 6C07D 307/34 6C07D 303/36 6C07D 317/46 6C07D 333/52 6C07D 233/54 6C07D 333/72</b> [25] EN [54] <b>PROCESS FOR PREPARING PHARMACEUTICAL COMPOUNDS</b> [54] <b>PROCEDE POUR LA PREPARATION DE COMPOSES PHARMACEUTIQUES</b> [72] MOHER, ERIC DAVID, US [72] PATEL, VINOD FRANCIS, US [72] HOARD, DAVID WARREN, US [71] WAYNE STATE UNIVERSITY, US [71] UNIVERSITY OF HAWAII, US [71] ELI LILLY AND COMPANY, US [85] 1999-08-12 [86] 1998-02-25 (PCT/US98/03655) [87] 1998-09-03 (WO98/38158) [30] US (60/039,114) 1997-02-26 [30] US (60/039,116) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,281,111</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b> [25] EN [54] <b>AN ASSAY FOR THE MEASUREMENT OF DNA SYNTHESIS RATES</b> [54] <b>DOSAGE DESTINE A LA MESURE DES TAUX DE SYNTHESE D'ADN</b> [72] ABRAMSON, FRED P., US [71] GEORGE WASHINGTON UNIVERSITY, US [85] 1999-08-06 [86] 1998-02-13 (PCT/US98/02642) [87] 1998-08-20 (WO98/36095) [30] US (60/039,729) 1997-02-14</p>
<p style="text-align: right;">[21] <b>2,281,106</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 9/02 6C08K 5/52</b> [25] EN [54] <b>PROCESS FOR MAKING AND USING BISARYL DIPHOSPHATES</b> [54] <b>PROCEDE DE FABRICATION ET D'UTILISATION DE BISARYL-DIPHOSPHATES</b> [72] BARTLEY, DAVID W., US [72] LAWLOR, TIMOTHY J., US [71] GREAT LAKES CHEMICAL CORPORATION, US [85] 1999-08-13 [86] 1998-02-10 (PCT/US98/02968) [87] 1998-08-20 (WO98/35970) [30] US (60/038,734) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,281,109</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12P 7/62 6C12P 1/00</b> [25] EN [54] <b>DEGRADATION OF BIOLOGICALLY DEGRADABLE POLYMERS USING ENZYMES</b> [54] <b>DECOMPOSITION DE POLYMERES BIODEGRADABLES AVEC DES ENZYMES</b> [72] LUND, HENRIK, DK [72] KOCH, RAINHARD, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 1999-08-12 [86] 1998-02-04 (PCT/EP98/00585) [87] 1998-08-20 (WO98/36086) [30] DE (197 06 023.4) 1997-02-17</p>	<p style="text-align: right;">[21] <b>2,281,112</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/26 6C12N 1/00 6C12N 13/00 6C12Q 1/02</b> [25] EN [54] <b>TARGETED SYSTEM FOR REMOVING TUMOR CELLS FROM CELL POPULATIONS</b> [54] <b>SYSTEME CIBLE POUR ELIMINER LES CELLULES TUMORALES DANS DES POPULATIONS DE CELLULES</b> [72] PALSSON, BERNHARD O., US [71] PALSSON, BERNHARD O., US [85] 1999-08-10 [86] 1998-03-27 (PCT/US98/06125) [87] 1998-10-01 (WO98/42356) [30] US (08/824,968) 1997-03-27</p>
<p style="text-align: right;">[21] <b>2,281,107</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 273/00 6A61K 31/395</b> [25] EN [54] <b>TRIPEPTIDE AND TETRAPEPTIDE PHARMACEUTICAL COMPOUNDS</b> [54] <b>COMPOSES PHARMACEUTIQUES A BASE DE TRIPEPTIDES ET DE TETRAPEPTIDES</b> [72] SHIH, CHUAN, US [72] NORMAN, BRYAN HURST, US [71] ELI LILLY AND COMPANY, US [71] WAYNE STATE UNIVERSITY, US [71] UNIVERSITY OF HAWAII, US [85] 1999-08-12 [86] 1998-02-25 (PCT/US98/03666) [87] 1998-09-03 (WO98/38178) [30] US (60/039,115) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,281,204</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/00 6A61K 38/04 6A61K 38/16 6C07K 14/435 6C07K 14/46</b> [25] EN [54] <b>ANTIPATHOGENIC SYNTHETIC PEPTIDES AND COMPOSITIONS COMPRISING THEM</b> [54] <b>PEPTIDES SYNTHETIQUES ANTIPATHOGENES ET COMPOSITIONS LES CONTENANT</b> [72] OREN, ZIV, IL [72] SHAI, YECHIEL, IL [71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL [85] 1999-08-11 [86] 1998-02-19 (PCT/IL98/00081) [87] 1998-08-27 (WO98/37090) [30] WO (PCT/IL97/00066) 1997-02-20</p>	

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[21] **2,281,205**  
[13] A1  
[51] **Int.Cl. 6C12M 1/34 6C12Q 1/68**  
[25] EN  
[54] **METHODS AND PRODUCTS FOR ANALYZING POLYMERS**  
[54] **PROCEDES ET PRODUITS PERMETTANT D'ANALYSER DES POLYMERES**  
[72] CHAN, EUGENE Y., US  
[71] CHAN, EUGENE Y., US  
[85] 1999-08-11  
[86] 1998-02-11 (PCT/US98/03024)  
[87] 1998-08-13 (WO98/35012)  
[30] US (60/037,921) 1997-02-12  
[30] US (60/064,687) 1997-11-05

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[21] **2,281,206**  
[13] A1  
[51] **Int.Cl. 6C12N 15/54 6C12P 9/00 6C12N 9/10 6C12N 1/21**  
[25] EN  
[54] **GERANYL DIPHOSPHATE SYNTHASE GENES**  
[54] **GENES DE GERANYL DIPHOSPHATE SYNTHASE**  
[72] OHTO, CHIKARA, JP  
[72] NARITA, KEISHI, JP  
[72] OHNUMA, SHIN-ICHI, US  
[72] NISHINO, TOKUZO, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 1999-08-13  
[86] 1998-12-10 (PCT/JP98/05590)  
[87] 1999-06-24 (WO99/31254)  
[30] JP (9/346686) 1997-12-16

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[21] **2,281,218**  
[13] A1  
[51] **Int.Cl. 6B41M 3/14**  
[25] EN  
[54] **DOCUMENT SECURITY SYSTEM HAVING THERMO-ACTIVATED PANTOGRAPH AND VALIDATION MARK**  
[54] **SYSTEME DE SECURITE POUR DOCUMENTS PAR PANTOGRAPHIE THERMO-ACTIVE ET MARQUE DE VALIDATION**  
[72] PHILLIPS, GEORGE K., US  
[71] VERIFY FIRST TECHNOLOGIES, INC., US  
[85] 1999-08-13  
[86] 1997-02-12 (PCT/US97/02149)  
[87] 1997-09-04 (WO97/31784)  
[30] US (08/602,243) 1996-02-16

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[21] **2,281,219**  
[13] A1  
[51] **Int.Cl. 6C08G 18/10 6C08G 18/69**  
[25] EN  
[54] **CASTABLE POLYURETHANE ELASTOMERS FOR INDUSTRIAL ROLLERS**  
[54] **ELASTOMERES EN POLYURETHANNE COULABLES POUR ROULEAUX INDUSTRIELS**  
[72] YANG, YAN, US  
[71] STOWE WOODWARD COMPANY, US  
[85] 1999-08-13  
[86] 1998-06-10 (PCT/US98/11979)  
[87] 1998-12-17 (WO98/56841)  
[30] US (08/873,224) 1997-06-11

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[21] **2,281,220**  
[13] A1  
[51] **Int.Cl. 6C08F 220/12 6C09J 7/02 6C09J 133/06**  
[25] EN  
[54] **ANTISTATIC LATEX ADHESIVES**  
[54] **ADHESIFS AU LATEX ANTISTATIQUES**  
[72] LU, YING-YUH, US  
[72] YAU, STEVEN D., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-08-13  
[86] 1998-01-09 (PCT/US98/00539)  
[87] 1998-08-20 (WO98/36005)  
[30] US (08/801093) 1997-02-14

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[21] **2,281,221**  
[13] A1  
[51] **Int.Cl. 6H01J 65/00**  
[25] EN  
[54] **FLAT REFLECTOR LAMP WITH LOCALLY MODULATED LUMINANCE**  
[54] **REFLECTEUR PLAT A LUMINANCE MODULEE LOCALEMENT**  
[72] HITZSCHKE, LOTHAR, DE  
[72] VOLLKOMMER, FRANK, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[85] 1999-08-13  
[86] 1998-12-11 (PCT/EP98/08103)  
[87] 1999-07-08 (WO99/34409)  
[30] EP (97122799.6) 1997-12-23

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[21] **2,281,222**  
[13] A1  
[51] **Int.Cl. 6H01T 23/00 6B60H 3/00**  
[25] EN  
[54] **DEVICE TO PRODUCE ACTIVE OXYGEN IONS IN THE AIR FOR IMPROVED AIR QUALITY**  
[54] **DISPOSITIF DE PRODUCTION D'IONS D'OXYGENE ACTIFS DANS L'AIR POUR LA PURIFICATION DE L'AIR, AU MOYEN D'UN IONISATEUR D'AIR**  
[72] KIESEWETTER, OLAF, DE  
[72] RUMP, HANNS, DE  
[71] T.E.M.] TECHNISCHE ENTWICKLUNGEN UND MANAGEMENT GMBH, DE  
[85] 1999-08-13  
[86] 1997-12-11 (PCT/EP97/06925)  
[87] 1998-06-18 (WO98/26482)  
[30] DE (196 51 402.9) 1996-12-11

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[21] **2,281,223**  
[13] A1  
[51] **Int.Cl. 6A61B 17/00 6A61D 1/00 6A61B 17/08 6A61M 5/32**  
[25] EN  
[54] **EXTRACORPOREAL PNEUMOPERITONEUM ENCLOSURE AND METHOD OF USE**  
[54] **ENCEINTE DE MAINTIEN DE PNEUMOPERITOINE EXTRACORPOREL ET SON PROCEDE D'UTILISATION**  
[72] LYONS, THOMAS E., US  
[72] CROOK, BERWYN M., US  
[72] RAMBO, ROBERT D., US  
[72] FEILER, FREDERIC C., JR., US  
[71] MEDICAL CREATIVE TECHNOLOGIES, INC., US  
[71] DEXTERITY INCORPORATED, US  
[85] 1999-08-13  
[86] 1997-10-08 (PCT/US97/18168)  
[87] 1998-08-20 (WO98/35614)  
[30] US (08/801,752) 1997-02-18



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,281,224</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/05 6A61K 31/40</b> [25] EN [54] <b>TREATMENT OF INFARCTS THROUGH INHIBITION OF NF-KAPPAB</b> [54] <b>TRAITEMENT D'INFARCTUS PAR INHIBITION DE NF-KAPPAB</b> [72] BRAND, STEPHEN, US [72] SOUCY, FRANÇOIS, US [72] GOLDBERG, ALFRED L., US [72] PLAMONDON, LOUIS, US [71] PROSCRIPT, INC., US [85] 1999-08-13 [86] 1998-02-17 (PCT/US98/03077) [87] 1998-08-20 (WO98/35691) [30] US (08/801,936) 1997-02-15 [30] US (08/988,339) 1997-12-03</p>	<p style="text-align: right;">[21] <b>2,281,473</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/20 6A61K 9/24</b> [25] EN [54] <b>DOSAGE FORM EXHIBITING RAPID DISPERSE PROPERTIES, METHODS OF USE AND PROCESS FOR THE MANUFACTURE OF SAME</b> [54] <b>FORME GALENIQUE PRESENTANT DES PROPRIETES DE DISPERSION RAPIDE, SES PROCEDES D'UTILISATION ET SON PROCEDE DE PREPARATION</b> [72] YOO, JAEDEOK, US [72] MONKHOUSE, DONALD C., US [72] KUMAR, SANDEEP, US [71] THERICS, INC., US [85] 1999-08-13 [86] 1998-02-20 (PCT/US98/03256) [87] 1998-08-27 (WO98/36738) [30] US (60/038,883) 1997-02-20 [30] US (60/038,284) 1997-02-20</p>	<p style="text-align: right;">[21] <b>2,281,475</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02D 29/02</b> [25] EN [54] <b>AN ELEMENT FOR FORMING GROUND COVERING, RESTRAINING AND REINFORCING STRUCTURES, PARTICULARLY FOR FORMING RETAINING WALLS</b> [54] <b>ELEMENT POUR FORMER DES REVETEMENTS DE SOL, DES STRUCTURES DE RETENUE ET DE RENFORT, EN PARTICULIER, POUR FORMER DES MURS DE SOUTENEMENT</b> [72] FERRAILOLO, FRANCESCO, IT [71] OFFICINE MACCAFERRI S.P.A., IT [85] 1999-08-13 [86] 1998-02-24 (PCT/EP98/01050) [87] 1998-09-03 (WO98/38391) [30] IT (BO97A000094) 1997-02-25</p>
<p style="text-align: right;">[21] <b>2,281,471</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 409/06</b> [25] EN [54] <b>PROCESS FOR PREPARING EPROSARTAN</b> [54] <b>PROCEDE DE PREPARATION DE L'EPROSARTAN</b> [72] MATSUOKA, RICHARD T., US [72] LIU, PENG, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02411) [87] 1998-08-20 (WO98/35962) [30] US (60/038,196) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,281,474</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/24</b> [25] EN [54] <b>DOSAGE FORMS EXHIBITING MULTIPHASIC RELEASE KINETICS AND METHODS OF MANUFACTURE THEREOF</b> [54] <b>FORMES GALENIQUES PRESENTANT UNE CINETIQUE DE LIBERATION A PHASES MULTIPLES ET LEURS PROCEDES DE PREPARATION</b> [72] YOO, JAEDEOK, US [72] MONKHOUSE, DONALD C., US [72] SHERWOOD, JILL K., US [72] CIMA, MICHAEL, US [71] THERICS, INC., US [85] 1999-08-13 [86] 1998-02-20 (PCT/US98/03257) [87] 1998-08-27 (WO98/36739) [30] US (60/037,741) 1997-02-20 [30] US (60/038,283) 1997-02-20 [30] US (60/039,157) 1997-02-25 [30] US (60/039,109) 1997-02-26 [30] US (60/039,110) 1997-02-26 [30] US (60/039,440) 1997-02-26 [30] US (60/041,048) 1997-03-21 [30] US (60/041,763) 1997-03-31 [30] US (60/042,154) 1997-03-31 [30] US (60/051,042) 1997-06-27</p>	<p style="text-align: right;">[21] <b>2,281,476</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09D 11/16 6B44C 1/175</b> [25] EN [54] <b>WASHABLE COLORING COMPOSITION SUITABLE FOR USE IN DRY ERASE MARKERS</b> [54] <b>COMPOSITION COLORANTE LAVABLE UTILE DANS DES MARQUEURS EFFACABLES A SEC</b> [72] SANTINI, ANDREE F., US [72] MILLER, RICHARD E., US [72] LEIDY, CHRIS, US [72] ROWAN, DAVID, US [72] FOX, PAUL, US [71] BINNEY &amp; SMITH INC., US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02682) [87] 1998-08-20 (WO98/36031) [30] US (08/800,755) 1997-02-14 [30] US (08/918,732) 1997-08-01</p>
<p style="text-align: right;">[21] <b>2,281,472</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/00</b> [25] EN [54] <b>A GLAUCOMA DRAIN IMPLANTING DEVICE AND METHOD</b> [54] <b>APPAREIL ET PROCEDE D'IMPLANTATION DE DRAIN POUR GLAUCOME</b> [72] FEINGOLD, VLADIMIR, US [72] EAGLES, DANIEL C., US [71] STAAR SURGICAL COMPANY, INC., US [85] 1999-08-13 [86] 1998-02-27 (PCT/IB98/00504) [87] 1998-09-03 (WO98/37831) [30] US (08/808,577) 1997-02-28</p>		

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[21] **2,281,484**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 9/00 6C12N 15/11 6A61K 38/48 6C12N 9/64 6G01N 33/68**

[25] EN

[54] **CASH (CASPASE HOMOLOGUE) WITH DEATH EFFECTOR DOMAIN, MODULATORS OF THE FUNCTION OF FAS RECEPTORS**

[54] **PROTEINES CASH (HOMOLOGUE DE CASPASE) PRESENTANT UN DOMAINE EFFECTEUR DE MORT, MODULATRICES DE LA FONCTION DES RECEPTEURS FAS**

[72] KOVALENKO, ANDREI, IL  
[72] VARFOLOMEEV, EUGENE, IL  
[72] WALLACH, DAVID, IL  
[72] GOLTSEV, YURA, IL  
[72] BRODIANSKI, VADIM, IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[85] 1999-08-17  
[86] 1998-02-26 (PCT/IL98/00098)  
[87] 1998-09-11 (WO98/39435)  
[30] IL (120367) 1997-03-03  
[30] IL (120759) 1997-05-01

[21] **2,281,487**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A01H 1/00 6A01H 3/00 6A01H 5/00 6C12N 15/09 6C12N 15/29 6C12N 15/82**

[25] EN

[54] **LEAFY COTYLEDON1 GENES AND THEIR USES**

[54] **GENES DE TYPE "COTYLEDON1 FEUILLU" ET LEURS UTILISATIONS**

[72] LOTAN, TAMAR, US  
[72] OHTO, MASA-AKI, US  
[72] HARADA, JOHN J., US  
[72] GOLDBERG, ROBERT B., US  
[72] FISCHER, ROBERT L., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1999-08-20  
[86] 1998-02-20 (PCT/US98/02998)  
[87] 1998-08-27 (WO98/37184)  
[30] US (08/804,534) 1997-02-21  
[30] US (09/026,221) 1998-02-19

[21] **2,281,491**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 19/00 6C07K 16/28 6C07K 16/42 6G01N 33/50 6C12N 15/62 6C07K 14/715**

[25] EN

[54] **ZCYTOR7 CYTOKINE RECEPTOR**

[54] **RECEPTEUR "ZCYTOR7" DE CYTOKINE**

[72] LOK, SI, US  
[72] FARRAH, THERESA M., US  
[72] JELMBERG, ANNA C., US  
[72] ADAMS, ROBYN L., US  
[72] KHO, CHOON J., US  
[72] WHITMORE, THEODORE E., US  
[71] ZYMOGENETICS, INC., US  
[85] 1999-08-20  
[86] 1998-02-18 (PCT/US98/03029)  
[87] 1998-08-27 (WO98/37193)  
[30] US (08/803,305) 1997-02-20  
[30] US (08/943,087) 1997-10-02

[21] **2,281,493**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**

[25] EN

[54] **SITE-SPECIFIC DRUG DELIVERY**

[54] **ADMINISTRATION DE MEDICAMENT A SPECIFICITE DE SITE**

[72] KIMMELDIRK, KLAUS, CA  
[72] DIME, DAVID S., CA  
[72] BACKX, PETER, CA  
[71] KIMMELDIRK, KLAUS, CA  
[71] DIME, DAVID S., CA  
[71] BACKX, PETER, CA  
[85] 1999-08-20  
[86] 1998-02-19 (PCT/CA98/00133)  
[87] 1998-08-27 (WO98/36777)  
[30] US (60/042,911) 1997-02-20  
[30] US (60/066,635) 1997-11-11

[21] **2,281,494**  
[13] A1

[51] **Int.Cl. 6B64D 11/06 6B60N 2/34**

[25] EN

[54] **IMPROVEMENTS IN TRANSPORT ACCOMMODATION**

[54] **AMELIORATIONS APPORTEES A UNE INSTALLATION DE TRANSPORT**

[72] HAITH, PHILIP, GB  
[72] PARK, JAMES WILLIAM, GB  
[71] SINGAPORE AIRLINES LTD., SG  
[85] 1999-08-19  
[86] 1998-02-18 (PCT/SG98/00015)  
[87] 1998-08-27 (WO98/36967)  
[30] SG (9700364-4) 1997-02-20  
[30] SG (9701276-9) 1997-04-22  
[30] SG (9701368-4) 1997-05-02

[21] **2,281,495**  
[13] A1

[51] **Int.Cl. 6C08G 18/40 6G03C 1/685 6G03C 1/73**

[25] EN

[54] **PHOTOCHROMIC POLYURETHANE COATING AND ARTICLES HAVING SUCH A COATING**

[54] **COUCHE PHOTOCHROMIQUE DE POLYURETHANNE ET ARTICLES AYANT UNE TELLE COUCHE**

[72] HUNT, ROBIN, US  
[72] GRUCHACZ, NANCYANNE, US  
[72] BOWLES, ROBERT J., III, US  
[72] CONKLIN, JEANINE, US  
[72] SWARUP, SHANTI, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 1999-08-19  
[86] 1998-02-10 (PCT/US98/02558)  
[87] 1998-08-27 (WO98/37115)  
[30] US (60/037,428) 1997-02-21  
[30] US (60/060,334) 1997-09-29  
[30] US (09/017,534) 1998-02-02

[21] **2,281,497**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**

[25] EN

[54] **PERSONAL COMPUTER CARD FOR COLLECTION OF REAL-TIME BIOLOGICAL DATA**

[54] **CARTE D'ORDINATEUR PERSONNEL DESTINEE A LA COLLECTE DE DONNEES BIOLOGIQUES EN TEMPS REEL**

[72] LIEN, SPENCER J., US  
[72] LICHTER, PATRICK A., US  
[71] QRS DIAGNOSTIC, LLC, US  
[85] 1999-08-19  
[86] 1998-02-24 (PCT/US98/03526)  
[87] 1998-09-03 (WO98/37804)  
[30] US (08/810,632) 1997-02-28

[21] **2,281,498**  
[13] A1

[51] **Int.Cl. 6B23K 9/32 6A62C 3/00**

[25] EN

[54] **WELDING APPARATUS WITH EQUIPMENT USING SHIELDING GAS FOR FIRE FIGHTING**

[54] **APPAREIL DE SOUDAGE UTILISANT LE GAZ PROTECTEUR POUR COMBATTRE LE FEU**

[72] TAIPALE, Asko, FI  
[71] ASKO TAIPALE OY, US  
[85] 1999-08-19  
[86] 1998-02-13 (PCT/FI98/00133)  
[87] 1998-08-27 (WO98/36866)  
[30] FI (970758) 1997-02-24

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<p style="text-align: right;">[21] <b>2,281,500</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 243/08 6A61K 7/13</b> [25] EN [54] <b>NOVEL 1,4-DIAZACYCLOHEPTANE DERIVATIVES AND THEIR USE IN HAIR OXIDATION DYES</b> [54] <b>NOUVEAUX DERIVES DE 1,4-DIAZACYCLOHEPTANE ET LEUR UTILISATION DANS DES COLORANTS CAPILLAIRES D'OXYDATION</b> [72] HOFFKES, HORST, DE [72] ROSE, DAVID, DE [72] MEINIGKE, BERND, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 1999-08-19 [86] 1998-02-20 (PCT/EP98/00986) [87] 1998-09-03 (WO98/38175) [30] DE (197 07 545.2) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,281,504</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22F 1/047</b> [25] EN [54] <b>PROCESS FOR PRODUCING ALUMINIUM SHEET</b> [54] <b>PROCEDE DE PRODUCTION DE TOLE ALUMINIEE</b> [72] LUCE, EDWARD STANLEY, CA [72] WYCLIFFE, PAUL, CA [71] ALCAN INTERNATIONAL LIMITED, CA [85] 1999-08-19 [86] 1998-03-05 (PCT/CA98/00181) [87] 1998-09-17 (WO98/40528) [30] US (60/040,489) 1997-03-07</p>	<p style="text-align: right;">[21] <b>2,281,508</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15 6A61F 13/46 6D04H 1/54</b> [25] EN [54] <b>HIGH PERMEABILITY LINER WITH IMPROVED INTAKE AND DISTRIBUTION</b> [54] <b>GARNITURE HAUTE IMPERMEABILITE A DISTRIBUTION ET ABSORPTION AMELIOREES</b> [72] VARONA, EUGENIO GO, US [72] STOKES, TY JACKSON, US [72] CLARK, DARRYL FRANKLIN, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-08-19 [86] 1998-03-13 (PCT/US98/05024) [87] 1998-10-08 (WO98/43587) [30] US (08/829,273) 1997-03-31</p>
<p style="text-align: right;">[21] <b>2,281,502</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F25D 23/06</b> [25] EN [54] <b>HOUSING FOR FREEZER CABINETS, AND HOUSING SYSTEM</b> [54] <b>STRUCTURE DE CONGELATEURS ET SYSTEME ASSOCIE</b> [72] DI-ROSA, VINCENZA, IT [71] UNILEVER PLC, GB [85] 1999-08-19 [86] 1998-02-11 (PCT/EP98/00769) [87] 1998-08-27 (WO98/37370) [30] DE (297 03 042.6) 1997-02-20 [30] DE (297 09 654.0) 1997-06-03 [30] DE (297 11 483.2) 1997-07-01</p>	<p style="text-align: right;">[21] <b>2,281,506</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 19/00</b> [25] EN [54] <b>METHOD OF DISCRIMINATING BACTERIAL FROM ASEPTIC MENINGITIS</b> [54] <b>PROCEDE PERMETTANT DE DISTINGUER MENINGITE BACTERIENNE ET MENINGITE ASEPTIQUE</b> [72] STAHEL, PHILLIP, US [72] BARNUM, SCOTT R., US [71] THE UAB RESEARCH FOUNDATION, US [85] 1999-08-19 [86] 1998-01-27 (PCT/US98/01481) [87] 1998-07-30 (WO98/32390) [30] US (08/790,611) 1997-01-29</p>	<p style="text-align: right;">[21] <b>2,281,509</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/215 6A61K 31/19 6A61K 31/195</b> [25] EN [54] <b>USE OF SUBSTITUTED (5,6)-DIHYDRONAPHTHALENYL COMPOUNDS HAVING RETINOID-LIKE ACTIVITY TO PREVENT OR REDUCE ISCHEMIC INJURY</b> [54] <b>UTILISATION DE COMPOSES DE (5,6)-DIHYDRONAPHTHALENYLE SUBSTITUES DOTES D'UNE ACTIVITE SEMBLABLE A CELLE DES RETINOI DES POUR REDUIRE OU PREVENIR LES ACCIDENTS ISCHEMIQUES</b> [72] SHANNON, RONALD J., US [72] MONTE, KARYN A., US [72] TRAMPOSCH, KENNETH, US [71] BRISTOL-MYERS SQUIBB COMPANY, US [85] 1999-08-19 [86] 1998-02-19 (PCT/US98/03038) [87] 1998-08-27 (WO98/36746) [30] US (60/038,302) 1997-02-21</p>
<p style="text-align: right;">[21] <b>2,281,503</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B41M 5/24 6B41J 2/435</b> [25] EN [54] <b>LASER MARKING OF ARTICLES</b> [54] <b>MARQUAGE D'ARTICLES AU LASER</b> [72] ZIENTEK, PAUL, AU [71] SECURENCY PTY. LTD., AU [85] 1999-08-19 [86] 1998-02-19 (PCT/AU98/00104) [87] 1998-08-27 (WO98/36913) [30] AU (PO 5239) 1997-02-20</p>	<p style="text-align: right;">[21] <b>2,281,507</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B41M 1/30 6D04H 13/00 6B41M 5/00 6B41M 7/00 6D06P 5/00 6B41M 5/035 6B44C 1/17 6B32B 5/26</b> [25] EN [54] <b>TWO-LAYER PRINTABLE MATERIAL</b> [54] <b>MATERIAU IMPRIMABLE A DEUX COUCHES</b> [72] KRONZER, FRANCIS JOSEPH, US [72] MCMANUS, JEFFREY LAWRENCE, US [72] STOKES, TY JACKSON, US [72] ZELAZOSKI, LEONARD EUGENE, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-08-19 [86] 1998-03-27 (PCT/US98/06303) [87] 1998-10-08 (WO98/43821) [30] US (60/042,906) 1997-03-31 [30] US (09/041,789) 1998-03-13</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,281,510</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04H 12/00</b> [25] EN [54] <b>INTEGRATED COMMUNICATIONS EQUIPMENT ENCLOSURE AND ANTENNA TOWER</b> [54] <b>ENCEINTE POUR MATERIEL DE TELECOMMUNICATIONS ET PYLONE D'ANTENNE SOLIDAIRES</b> [72] HILL, DOUGLAS L., US [71] MONOSITE, INC., US [85] 1999-08-19 [86] 1998-02-11 (PCT/US98/03400) [87] 1998-09-11 (WO98/39537) [30] US (08/807,078) 1997-02-25</p>	<p style="text-align: right;">[21] <b>2,281,513</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 85/60</b> [25] EN [54] <b>CONTAINER FOR BON-BONS</b> [54] <b>BOITES A BONBONS</b> [72] VANGERTRUYDEN, FRANS CHRISTIAAN, BE [71] VANGERTRUYDEN, FRANS CHRISTIAAN, BE [85] 1999-08-19 [86] 1998-03-03 (PCT/BE98/00028) [87] 1998-10-01 (WO98/42593) [30] BE (9700196) 1997-03-05</p>	<p style="text-align: right;">[21] <b>2,281,516</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 17/00 6C11D 3/02 6C11D 3/12 6C11D 3/22 6C11D 3/50 6C11D 1/83</b> [25] EN [54] <b>TOILET CLEANING BLOCK</b> [54] <b>BLOC NETTOYANT POUR TOILETTES</b> [72] SURI, SUSHEEL KUMAR, IN [72] MUKHOPADHYAY, KUNAL, IN [71] RECKITT &amp; COLMAN OF INDIA LIMITED, IN [85] 1999-08-19 [86] 1998-02-20 (PCT/GB98/00368) [87] 1998-08-27 (WO98/37171) [30] GB (9703498.7) 1997-02-20</p>
<p style="text-align: right;">[21] <b>2,281,511</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B63B 22/00 6B67D 5/68</b> [25] EN [54] <b>A VESSEL FOR USE IN THE PRODUCTION AND/OR STORAGE OF HYDROCARBONS</b> [54] <b>NAVIRE DE PRODUCTION ET/OU DE STOCKAGE D'HYDROCARBURES</b> [72] SKIFTESVIK, PER, NO [72] SYVERTSEN, KARE, NO [71] DEN NORSKE STATS OLJESELSKAP A.S, NO [85] 1999-08-19 [86] 1998-02-19 (PCT/NO98/00050) [87] 1998-08-27 (WO98/36964) [30] NO (970793) 1997-02-20</p>	<p style="text-align: right;">[21] <b>2,281,514</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 75/04</b> [25] EN [54] <b>COMPOSITION FOR COATING, SEALING AND PROTECTION PURPOSES</b> [54] <b>COMPOSITION DESTINEE A DES FINS DE REVETEMENT, DE SCELLEMENT ET DE PROTECTION</b> [72] NYGREN, SUNE, SE [71] PROCOAT AB, SE [85] 1999-08-19 [86] 1998-02-20 (PCT/SE98/00313) [87] 1998-08-27 (WO98/37145) [30] EP (97850027.0) 1997-02-20</p>	<p style="text-align: right;">[21] <b>2,281,517</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G03B 21/20 6G03B 27/54</b> [25] EN [54] <b>ILLUMINATION DEVICE FOR A PROJECTOR</b> [54] <b>DISPOSITIF D'ECLAIRAGE POUR PROJECTEUR</b> [72] GODLER, FRANC, DE [71] GODLER, FRANC, DE [85] 1999-08-19 [86] 1997-08-28 (PCT/DE97/01889) [87] 1998-08-27 (WO98/37455) [30] DE (297 03 797.8) 1997-02-19</p>
<p style="text-align: right;">[21] <b>2,281,512</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G10G 7/00</b> [25] EN [54] <b>PROTECTIVE COVER FOR USE WITH A STRINGED MUSICAL INSTRUMENT</b> [54] <b>COUVERTURE DE PROTECTION POUR UN INSTRUMENT DE MUSIQUE A CORDES</b> [72] DIMBATH, WOLFGANG, DE [71] DIMBATH, WOLFGANG, DE [85] 1999-08-19 [86] 1998-02-26 (PCT/EP98/01079) [87] 1998-09-03 (WO98/38629) [30] DE (197 07 688.2) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,281,515</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B63B 21/42</b> [25] EN [54] <b>IMPROVED PLOUGH ANCHOR</b> [54] <b>ANCRE SOC AMELIOREE</b> [72] HOAREAU, DESIRE DOMINIQUE, AU [71] HOAREAU, DESIRE DOMINIQUE, AU [85] 1999-08-19 [86] 1998-02-26 (PCT/AU98/00124) [87] 1998-09-03 (WO98/38080) [30] AU (PO 5322) 1997-02-26 [30] AU (PO 7471) 1997-06-18</p>	

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[21] **2,281,518**  
[13] A1

[51] **Int.Cl. 6C07D 401/14 6C07D 403/06 6C07D 405/06 6C07D 409/06 6C07D 413/06 6C07D 417/06 6C07D 417/14 6A61K 31/55**

[25] EN  
[54] **4,4-DIFLUORO-2,3,4,5-TETRAHYDRO-1H-1-BENZAZEPINE DERIVATIVES AND DRUG COMPOSITIONS CONTAINING THEM**  
[54] **DERIVES 4,4-DIFLUORO-2,3,4,5-TETRAHYDRO-1H-1-BENZAZEPINES ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**

[72] TANAKA, AKIHIRO, JP  
[72] SHIBASAKI, KUMIKO, JP  
[72] KAWANO, NORIYUKI, JP  
[72] MATSUHISA, AKIRA, JP  
[72] MURAKAMI, TAKESHI, JP  
[72] SAKUDA, SHUICHI, JP  
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP

[85] 1999-08-13  
[86] 1998-03-05 (PCT/JP98/00916)  
[87] 1998-09-11 (WO98/39325)  
[30] JP (9-52163) 1997-03-06

[21] **2,281,519**  
[13] A1

[51] **Int.Cl. 6A61M 25/00**

[25] EN  
[54] **MULTI-PURPOSE CATHETERS, CATHETER SYSTEMS, AND RADIATION TREATMENT**  
[54] **CATHETERS POLYVALENTS, SYSTEMES DE CATHETER ET TRAITEMENT PAR RAYONNEMENT**

[72] CONDADO, JOSE ANTONIO R., VE  
[71] CONDADO MEDICAL DEVICES CORPORATION, US

[85] 1999-08-19  
[86] 1998-02-19 (PCT/US98/03178)  
[87] 1998-08-27 (WO98/36790)  
[30] US (60/038,231) 1997-02-19  
[30] US (60/040,708) 1997-03-14  
[30] US (60/040,455) 1997-03-14  
[30] US (60/051,758) 1997-07-07

[21] **2,281,520**  
[13] A1

[51] **Int.Cl. 6H04L 12/44 6H04L 12/26**

[25] EN  
[54] **METHOD AND APPARATUS FOR INTEGRATING MULTIPLE REPEATERS INTO A SINGLE COLLISION DOMAIN**  
[54] **PROCEDE ET APPAREIL D'INTEGRATION DE PLUSIEURS REPETEURS DANS UN SEUL DOMAINE DE COLLISION**

[72] SOKOL, MICHAEL A., US  
[71] LEVEL ONE COMMUNICATIONS, INC., US

[85] 1999-08-19  
[86] 1998-02-18 (PCT/US98/03055)  
[87] 1998-08-27 (WO98/37666)  
[30] US (08/803,437) 1997-02-20

[21] **2,281,521**  
[13] A1

[51] **Int.Cl. 6C11D 17/00 6C11D 3/395 6C11D 3/50**

[25] EN  
[54] **BLEACHING AND CLEANING COMPOSITIONS CONTAINING FRAGRANCES**  
[54] **COMPOSITIONS DE BLANCHIMENT ET DE NETTOYAGE CONTENANT DU PARFUM**

[72] COUNTS, MICHAEL WAYNE, US  
[71] LONZA INC., US

[85] 1999-08-13  
[86] 1998-02-13 (PCT/US98/02897)  
[87] 1998-08-20 (WO98/36049)  
[30] US (800,321) 1997-02-14

[21] **2,281,523**  
[13] A1

[51] **Int.Cl. 6C07C 63/34 6C07K 16/00 6C12N 5/10 6C12N 15/11 6C07K 16/28 6C07K 14/435 6C12Q 1/68 6C07K 14/705 6C07C 69/76**

[25] EN  
[54] **IDENTIFICATION OF A UNIQUE RECEPTOR SPECIFIC FOR A PARTICULAR RETINOID INDUCING CELLULAR APOPTOSIS**  
[54] **IDENTIFICATION D'UN RECEPTEUR UNIQUE SPECIFIQUE D'UN RETINOIDE PARTICULIER INDUISANT L' APOPTOSE CELLULAIRE**

[72] FONTANA, JOSEPH A., US  
[72] SHROOT, BRAHAM, FR  
[72] NEDONCELLE, PHILIPPE, FR  
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR

[85] 1999-08-19  
[86] 1998-02-25 (PCT/US98/02911)  
[87] 1998-08-27 (WO98/37053)  
[30] US (60/039,002) 1997-02-25

[21] **2,281,524**  
[13] A1

[51] **Int.Cl. 6A61K 31/545 6A61K 31/435**

[25] EN  
[54] **ANTI-MICROBIAL PRODUCT**  
[54] **PRODUIT ANTIMICROBIEN**

[72] DURHAM, DAVID GARNET, GB  
[72] RICHARDS, ROBERT MICHAEL EDWARD, GB  
[72] LIU, IAIN XIAOJUN, GB  
[71] BTG INTERNATIONAL LIMITED, GB

[85] 1999-08-19  
[86] 1998-02-18 (PCT/GB98/00512)  
[87] 1998-08-27 (WO98/36750)  
[30] GB (9703532.3) 1997-02-20  
[30] GB (9726401.4) 1997-12-12

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[21] **2,281,525**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6A61K 31/505 6A61K 31/53**  
[25] EN  
[54] **BIAZACYCLIC CRF ANTAGONISTS**  
[54] **ANTAGONISTES DE RECEPTEURS DU CRF ET PROCEDES ASSOCIES**  
[72] MCCARTHY, JAMES R., US  
[71] NEUROCRINE BIOSCIENCES, INC., US  
[85] 1999-08-13  
[86] 1998-02-17 (PCT/US98/02932)  
[87] 1998-08-20 (WO98/35967)  
[30] US (60/036,414) 1997-02-18  
[30] US (60/036,415) 1997-02-18  
[30] US (60/036,416) 1997-02-18  
[30] US (60/036,421) 1997-02-18  
[30] US (60/036,422) 1997-02-18  
[30] US (60/036,423) 1997-02-18

[21] **2,281,526**  
[13] A1

[51] **Int.Cl. 6H01M 4/62 6H01M 4/02 6H01M 4/04 6H01M 10/40 6H01M 4/58**  
[25] EN  
[54] **NON-AQUEOUS ELECTROLYTE SECONDARY CELL, NEGATIVE ELECTRODE THEREFOR, AND METHOD OF PRODUCING NEGATIVE ELECTRODE**  
[54] **ELEMENT D'ACCUMULATEUR A ELECTROLYTE NON AQUEUX, SON ELECTRODE NEGATIVE ET PROCEDE DE PRODUCTION DE LADITE ELECTRODE**  
[72] INOUE, KAORU, JP  
[72] TAKAHASHI, YUI, JP  
[72] SUGIMOTO, TOYOJI, JP  
[72] GOTO, SHUSAKU, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 1999-08-13  
[86] 1998-12-15 (PCT/JP98/05653)  
[87] 1999-06-24 (WO99/31747)  
[30] JP (9-346039) 1997-12-16  
[30] JP (10-338714) 1998-11-30

[21] **2,281,527**  
[13] A1

[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **MINIMALLY INVASIVE CARDIAC SURGERY PROCEDURE**  
[54] **INTERVENTION CHIRURGICALE CARDIAQUE PRESENTANT UN CARACTERE INVASIF LIMITE AU MINIMUM**  
[72] COSGROVE, DELOS M., US  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 1999-08-13  
[86] 1998-02-18 (PCT/US98/03160)  
[87] 1998-08-20 (WO98/35626)  
[30] US (08/801,494) 1997-02-18

[21] **2,281,528**  
[13] A1

[51] **Int.Cl. 6B65D 1/42**  
[25] EN  
[54] **PLASTIC BUCKET AND LID**  
[54] **SEAU ET COUVERCLE EN PLASTIQUE**  
[72] VON HOLDT, JOHN W., US  
[71] VON HOLDT, JOHN W., US  
[85] 1999-08-17  
[86] 1998-02-04 (PCT/US98/02129)  
[87] 1998-08-13 (WO98/34836)  
[30] US (08/798,511) 1997-02-10  
[30] US (08/823,193) 1997-03-24

[21] **2,281,529**  
[13] A1

[51] **Int.Cl. 6C08F 2/22 6C09D 5/02 6C08L 57/04**  
[25] EN  
[54] **WATER-BASED EMULSION POLYMERS WHICH RESIST BLOCKING**  
[54] **POLYMERES EN EMULSION AQUEUSE RESISTANT AU BLOCAGE**  
[72] PICCILROVAZZI, NICOLETTA, CH  
[72] STOLLMAIER, FRIEDERICKE, DE  
[72] SCHUSTER, UTE, CH  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[85] 1999-08-13  
[86] 1998-02-05 (PCT/US98/02111)  
[87] 1998-08-20 (WO98/35994)  
[30] GB (9703147.0) 1997-02-14

[21] **2,281,530**  
[13] A1

[51] **Int.Cl. 6F16B 37/04 6F16B 7/18**  
[25] EN  
[54] **FIXINGS**  
[54] **DISPOSITIFS DE FIXATION**  
[72] DOBSON, MARY, GB  
[71] SPANDEX PLC, GB  
[85] 1999-08-13  
[86] 1998-02-13 (PCT/GB98/00469)  
[87] 1998-08-20 (WO98/36180)  
[30] GB (9703000.1) 1997-02-13

[21] **2,281,531**  
[13] A1

[51] **Int.Cl. 6B65H 1/00 6B65D 73/00**  
[25] EN  
[54] **DISPENSING OF LAMINAR ARTICLES**  
[54] **DISTRIBUTION D'ARTICLES LAMINAIRES**  
[72] HILL, SIMON DAVID JULIAN, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-08-19  
[86] 1998-02-27 (PCT/IB98/00245)  
[87] 1998-09-11 (WO98/39239)  
[30] EP (97103690.0) 1997-03-06

[21] **2,281,532**  
[13] A1

[51] **Int.Cl. 6B01D 27/00 6B01D 37/00 6B01D 29/01**  
[25] EN  
[54] **IN-LINE GRAVITY DRIVEN LIQUID FILTRATION DEVICE USEABLE TO FILTER BLOOD OR BLOOD PRODUCTS**  
[54] **DISPOSITIF INTEGRE DE FILTRATION DE LIQUIDES PAR GRAVITE, CONCU POUR FILTRER LE SANG ET LES DERIVES SANGUINS**  
[72] ZUK, PETER JR., US  
[72] ALT, JONATHAN C., US  
[71] HEMASURE, INC., US  
[85] 1999-08-19  
[86] 1998-02-17 (PCT/US98/03521)  
[87] 1998-09-11 (WO98/39080)  
[30] US (08/812,727) 1997-03-06

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<p style="text-align: center;">[21] <b>2,281,533</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26D 7/30 6A22C 25/18</b> [25] EN [54] <b>COMPUTER CONTROLLED PORTIONING MACHINE</b> [54] <b>APPAREIL DE COUPE COMMANDE PAR UN SYSTEME INFORMATIQUE</b> [72] HJALMARSSON, HELGI, IS [72] SIGURDSSON, ARNI GEIR, IS [72] ARNARSON, HORDUR, IS [72] SIGURDSSON, ARNI, IS [71] MAREL HF., IS [85] 1999-08-13 [86] 1998-02-13 (PCT/IS98/00001) [87] 1998-08-20 (WO98/35797) [30] IS (4428) 1997-02-13</p>	<p style="text-align: center;">[21] <b>2,281,536</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 47/24</b> [25] EN [54] <b>DISPENSING CLOSURE AND DISPOSITIF DE FERMETURE ET DE DISTRIBUTION</b> [72] ARAI, NILSON SATOSHI, BR [72] BRAGONI, SANDRO, BR [72] LUPPI, EDUARDO, JR., BR [72] KAPAZ, RONALD, BR [71] UNILEVER PLC, GB [85] 1999-08-17 [86] 1998-02-13 (PCT/EP98/00819) [87] 1998-09-03 (WO98/38103) [30] BR (PI 9701142-8) 1997-02-28</p>	<p style="text-align: center;">[21] <b>2,281,539</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 1/06 6H01Q 1/10 6H01Q 1/24</b> [25] EN [54] <b>ANTENNA</b> [54] <b>ANTENNE</b> [72] SUDA, YOSHIMITSU, JP [71] SUDA, YOSHIMITSU, JP [85] 1999-08-19 [86] 1998-12-22 (PCT/JP98/05813) [87] 1999-07-01 (WO99/33140) [30] JP (9/365627) 1997-12-22 [30] JP (10/9048 U) 1998-11-16</p>
<p style="text-align: center;">[21] <b>2,281,534</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 11/05</b> [25] EN [54] <b>CATALYTIC CRACKING PROCESS</b> [54] <b>PROCEDE DE CRAQUAGE CATALYTIQUE</b> [72] KOWALSKI, JOCELYN ANNE, US [71] MOBIL OIL CORPORATION, US [85] 1999-08-19 [86] 1998-02-18 (PCT/US98/03057) [87] 1998-09-24 (WO98/41595) [30] US (08/819,900) 1997-03-18</p>	<p style="text-align: center;">[21] <b>2,281,537</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60K 6/04</b> [25] EN [54] <b>HYBRID ELECTRIC VEHICLE AND PROPULSION SYSTEM</b> [54] <b>VEHICULE ELECTRIQUE HYBRIDE ET UN SYSTEME DE PROPULSION</b> [72] STEMPEL, ROBERT C., US [72] OVSHINSKY, STANFORD R., US [71] OVONIC BATTERY COMPANY, INC., US [85] 1999-08-19 [86] 1998-11-20 (PCT/US98/24793) [87] 1999-06-03 (WO99/26802) [30] US (979,340) 1997-11-24</p>	<p style="text-align: center;">[21] <b>2,281,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 4/10 6C08G 63/08 6C08G 65/10 6C08F 4/70 6C08G 63/83</b> [25] EN [54] <b>PROCESS FOR PREPARING POLYMER BY USING COPPER COMPOUND</b> [54] <b>PROCEDE DE PREPARATION D'UN POLYMER EN UTILISANT UN COMPOSE DU CUIVRE</b> [72] SHIBAYAMA, KOICHI, JP [72] OGASA, MASAO, US [71] SEKISUI CHEMICAL CO., LTD., JP [85] 1999-08-13 [86] 1998-02-17 (PCT/JP98/00633) [87] 1998-08-20 (WO98/35996) [30] JP (9-031780) 1997-02-17 [30] JP (9-068118) 1997-03-21</p>
<p style="text-align: center;">[21] <b>2,281,535</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 55/165 6F16L 55/162 6F16L 55/18</b> [25] EN [54] <b>AN END CONNECTOR</b> [54] <b>RACCORDEMENT D'EXTREMITE</b> [72] SANDERS, TREVOR GEORGE, GB [71] THAMES WATER UTILITIES LIMITED, GB [85] 1999-08-13 [86] 1998-02-13 (PCT/GB98/00456) [87] 1998-08-20 (WO98/36207) [30] GB (9703091.00) 1997-02-14</p>	<p style="text-align: center;">[21] <b>2,281,538</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/262 6H04N 5/44 6H04N 5/60</b> [25] EN [54] <b>OBJECT-BASED AUDIO-VISUAL TERMINAL AND BITSTREAM STRUCTURE</b> [54] <b>TERMINAL AUDIOVISUEL BASE SUR DES OBJETS ET STRUCTURE DE TRAIN DE BINAIRES</b> [72] ELEFThERiADiS, ALEXANDROS, US [72] KALVA, HARI, US [71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US [85] 1999-08-13 [86] 1998-02-13 (PCT/US98/02668) [87] 1998-08-20 (WO98/36559) [30] US (60/037,779) 1997-02-14</p>	<p style="text-align: center;">[21] <b>2,281,541</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C03B 37/014 6C03B 37/018</b> [25] EN [54] <b>METHOD OF MAKING A TUBULAR MEMBER FOR OPTICAL FIBER PRODUCTION USING PLASMA OUTSIDE VAPOR DEPOSITION</b> [54] <b>PROCEDE DE FABRICATION D'UN ELEMENT TUBULAIRE DESTINE A LA PRODUCTION D'UNE FIBRE OPTIQUE AU MOYEN D'UN PLASMA SANS DEPOT PAR EVAPORATION SOUS VIDE</b> [72] GOUSKOV, MIKHAIL IVANOVICH, RU [72] WU, DAU, US [72] ASLAMI, MOHAMMAD AFZAL, US [72] DANILOV, EVGUENIE BORISOVICH, RU [71] FIBERCORE, INC., US [85] 1999-08-19 [86] 1998-12-17 (PCT/US98/27051) [87] 1999-07-01 (WO99/32412) [30] US (08/994,970) 1997-12-19</p>

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[21] **2,281,542**  
[13] A1

[51] **Int.Cl. 6H04L 27/04 6B29C 57/00 6H04L 27/12 6H04N 7/12 6H04L 27/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ANALYZING A COMPOSITE CARRIER SIGNAL**  
[54] **PROCEDE ET DISPOSITIF D'ANALYSE D'UN SIGNAL DE PORTEUSE COMPOSITE**  
[72] SCHULER, JOSEPH, US  
[72] KOTZIN, MICHAEL D., US  
[71] MOTOROLA, INC., US  
[85] 1999-08-19  
[86] 1998-01-20 (PCT/US98/00900)  
[87] 1998-09-03 (WO98/38807)  
[30] US (08/805,818) 1997-02-26

[21] **2,281,543**  
[13] A1

[51] **Int.Cl. 6H04L 12/00 6H04Q 11/04 6H04M 11/06**  
[25] EN  
[54] **NETWORK ACCESS IN MULTI-SERVICE ENVIRONMENT**  
[54] **ACCES AU RESEAU DANS UN ENVIRONNEMENT MULTI-SERVICES**  
[72] SKILLEN, RICHARD PRESCOTT, CA  
[72] LIVERMORE, FREDERICK CALDWELL, CA  
[72] FOCSANEANU, MIHAI, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[85] 1999-08-19  
[86] 1998-02-25 (PCT/CA98/00151)  
[87] 1998-09-11 (WO98/39879)  
[30] US (08/812,807) 1997-03-06

[21] **2,281,544**  
[13] A1

[51] **Int.Cl. 6B29C 49/04 6B29D 1/00 6B29D 22/00 6B65D 1/00 6B29C 49/06 6B29C 49/20 6B29C 49/50 6B29C 49/74**  
[25] EN  
[54] **MULTIPLE NECK SPRAY BOTTLE AND METHOD OF MAKING**  
[54] **FLACON PULVERISATEUR A COLS MULTIPLES, DISTRIBUTEUR DE FLACONS PULVERISATEURS A COLS MULTIPLES ET PROCEDE DE FABRICATION ET D'UTILISATION DESDITS ARTICLES**  
[72] KLIMA, WALTER F., JR., US  
[72] KLIMA, WILLIAM L., US  
[71] SPRAYEX, INC, US  
[85] 1999-08-19  
[86] 1998-02-27 (PCT/IB98/00501)  
[87] 1998-09-03 (WO98/38094)  
[30] US (08/808,575) 1997-02-28

[21] **2,281,545**  
[13] A1

[51] **Int.Cl. 6C07D 403/04 6C07D 401/14 6C07D 403/14 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6A61K 31/505**  
[25] EN  
[54] **N-HETEROCYCLIC DERIVATIVES AS NOS INHIBITORS**  
[54] **DERIVES N-HETEROCYCLIQUES UTILES EN TANT QU'INHIBITEURS DE LA NO SYNTHETASE**  
[72] ZHAO, ZUCHUN, US  
[72] PAN, GONGHUA, US  
[72] PARADKAR, VIDYADHAR MADHAV, US  
[72] YE, BIN, US  
[72] MORRISSEY, MICHAEL M., US  
[72] BALDWIN, JOHN J., US  
[72] OHLMEYER, MICHAEL H. J., US  
[72] McMILLAN, KIRK, US  
[72] PHILLIPS, GARY B., US  
[72] ARNAIZ, DAMIAN O., US  
[72] DAVEY, DAVID D., US  
[72] DOLLE, ROLAND ELLWOOD III, US  
[72] DEVLIN, JAMES J., US  
[72] ERICKSON, SHAWN DAVID, US  
[72] PARKINSON, JOHN, US  
[71] PHARMACOPEIA, INC., US  
[71] BERLEX LABORATORIES, INC., US  
[85] 1999-08-19  
[86] 1998-02-19 (PCT/US98/03176)  
[87] 1998-08-27 (WO98/37079)  
[30] US (09/025,124) 1998-02-17  
[30] US (08/808,975) 1997-02-19

[21] **2,281,547**  
[13] A1

[51] **Int.Cl. 6C09D 11/16**  
[25] EN  
[54] **WASHABLE COLORING COMPOSITION**  
[54] **COMPOSITION COLORANTE LAVABLE**  
[72] SANTINI, ANDREE F., US  
[72] MILLER, RICHARD E., US  
[71] BINNEY & SMITH INC., US  
[85] 1999-08-13  
[86] 1998-02-13 (PCT/US98/02710)  
[87] 1998-08-20 (WO98/36032)  
[30] US (60/037,141) 1997-02-14

[21] **2,281,548**  
[13] A1

[51] **Int.Cl. 6A61H 33/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A PULSED WATER MASSAGE**  
[54] **PROCEDE ET APPAREIL DE MASSAGE PAR IMPULSIONS D'EAU**  
[72] MORELAND, GERALD W., US  
[71] MORELAND, GERALD W., US  
[85] 1999-08-19  
[86] 1998-03-12 (PCT/US98/04917)  
[87] 1998-09-17 (WO98/40042)  
[30] US (08/819,666) 1997-03-12

[21] **2,281,549**  
[13] A1

[51] **Int.Cl. 6B01D 33/04**  
[25] EN  
[54] **FILTER PRESS BELT**  
[54] **COURROIE DE PRESSAGE DE FILTRE-PRESSE**  
[72] HAASMA, HANS VELLO WILHELM, SE  
[71] SCAPA GROUP PLC, GB  
[85] 1999-08-13  
[86] 1998-02-16 (PCT/GB98/00478)  
[87] 1998-08-20 (WO98/35742)  
[30] GB (9703037.3) 1997-02-14

[21] **2,281,550**  
[13] A1

[51] **Int.Cl. 6A61F 5/44**  
[25] EN  
[54] **CONVEX INSERT SYSTEM FOR AN OSTOMY APPLIANCE**  
[54] **SYSTEME DE PIECE D'INSERTION CONVEXE POUR ACCESSOIRE DE STOMIE**  
[72] CLINE, JOHN B., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 1999-08-17  
[86] 1998-12-15 (PCT/US98/26693)  
[87] 1999-06-24 (WO99/30653)  
[30] US (60/068,332) 1997-12-18



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[21] **2,281,551**  
[13] A1

[51] **Int.Cl. 6G01B 11/00 6G01C 3/06**  
[25] EN  
[54] **OUTDOOR RANGE FINDER**  
[54] **TELEMETRE POUR L'EXTERIEUR**  
[72] WAKISAKO, HITOSHI, JP  
[72] SHIRAIISHI, KAZUNARI, JP  
[72] MARUYAMA, YOSHINAGA, JP  
[72] YANO, KYOJI, JP  
[72] NAKASHIMA, MORIYUKI, JP  
[71] KABUSHIKI KAISHA YASKAWA DENKI, JP  
[71] KYUSHU ELECTRIC POWER CO., INC., JP  
[85] 1999-08-13  
[86] 1998-02-12 (PCT/JP98/00594)  
[87] 1998-08-20 (WO98/36238)  
[30] JP (9/47366) 1997-02-14

[21] **2,281,552**  
[13] A1

[51] **Int.Cl. 6G01N 21/35 6G01N 33/28**  
[25] EN  
[54] **SYSTEM FOR MEASURING GASES DISSOLVED IN A LIQUID**  
[54] **SYSTEME DE MESURE DE GAZ DISSOUS DANS UN LIQUIDE**  
[72] MATTIS, JOHN SEYMOUR, US  
[72] SUNSHINE, STEVEN S., US  
[72] BLIVEN, DAVID C., US  
[71] UNDERGROUND SYSTEMS INC., US  
[85] 1999-08-13  
[86] 1998-02-02 (PCT/US98/02020)  
[87] 1998-08-20 (WO98/36265)  
[30] US (08/800,678) 1997-02-14

[21] **2,281,553**  
[13] A1

[51] **Int.Cl. 6B60M 1/10**  
[25] EN  
[54] **POWER LINE FOR AN ELECTRIC VEHICLE**  
[54] **LIGNE D'ALIMENTATION ELECTRIQUE POUR VEHICULE ELECTRIQUE**  
[72] DEL NAJA, ALCIDE, IT  
[72] SICILIANO, VITO, IT  
[71] ANSALDO TRASPORTI S.P.A., IT  
[85] 1999-08-19  
[86] 1998-02-20 (PCT/IT98/00036)  
[87] 1998-08-27 (WO98/36934)  
[30] IT (TO97A000151) 1997-02-21

[21] **2,281,554**  
[13] A1

[51] **Int.Cl. 6C09C 1/42 6B02C 19/00 6B02B 5/02 6C09C 3/04**  
[25] EN  
[54] **METHOD FOR PRODUCING RHEOLOGICAL ADDITIVES AND COATING COMPOSITIONS INCORPORATING SAME**  
[54] **PROCEDE DE PRODUCTION D'ADDITIFS RHEOLOGIQUES ET DE COMPOSITIONS DE REVETEMENT RENFERMANT CES ADDITIFS**  
[72] BAUER, CARL J., US  
[72] BRENNAN, TERRENCE P., US  
[72] KNESEK, BENJAMIN W., US  
[71] SOUTHERN CLAY PRODUCTS, INC., US  
[85] 1999-08-16  
[86] 1998-02-18 (PCT/US98/03129)  
[87] 1998-08-27 (WO98/37151)  
[30] US (08/802,269) 1997-02-19

[21] **2,281,555**  
[13] A1

[51] **Int.Cl. 6B60M 1/10**  
[25] EN  
[54] **POWER LINE FOR AN ELECTRIC VEHICLE**  
[54] **LIGNE D'ALIMENTATION ELECTRIQUE POUR VEHICULE ELECTRIQUE**  
[72] SICILIANO, VITO, IT  
[72] DEL NAJA, ALCIDE, IT  
[71] ANSALDO TRASPORTI S.P.A., IT  
[85] 1999-08-19  
[86] 1998-02-20 (PCT/IT98/00035)  
[87] 1998-08-27 (WO98/36933)  
[30] IT (TO97A000150) 1997-02-21

[21] **2,281,557**  
[13] A1

[51] **Int.Cl. 6H04M 3/42 6H04M 3/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MONITORING CALLS PARKED ON AN AUTOMATIC CALL DISTRIBUTOR**  
[54] **SYSTEME ET PROCEDE DE CONTROLE D'APPELS MIS EN GARDE DANS UN DISTRIBUTEUR AUTOMATIQUE D'APPELS**  
[72] HIGHLAND, GLENN E., US  
[72] MILLER, SARAH A., US  
[72] MIKOTA, LAURA, US  
[71] MCI COMMUNICATIONS CORPORATION, US  
[85] 1999-08-16  
[86] 1998-02-26 (PCT/US98/03487)  
[87] 1998-09-03 (WO98/38780)  
[30] US (08/805,520) 1997-02-26

[21] **2,281,558**  
[13] A1

[51] **Int.Cl. 6B08B 15/00 6F16L 3/015**  
[25] EN  
[54] **ALL-PURPOSE CONDUIT FOR CONVEYING HARMFUL FUMES OR GASES AWAY FROM A WORK STATION**  
[54] **CONDUIT POLYVALENT DESTINE AU TRANSPORT DE FUMES OU GAZ NOCIFS A PARTIR D'UN POSTE DE TRAVAIL**  
[72] CORAL, LUCIANO, IT  
[71] CORAL S.P.A., IT  
[85] 1999-08-19  
[86] 1997-11-20 (PCT/IT97/00289)  
[87] 1998-09-11 (WO98/39112)  
[30] IT (TO97A 000178) 1997-03-04

[21] **2,281,559**  
[13] A1

[51] **Int.Cl. 6C08F 10/00 6C08F 4/642**  
[25] EN  
[54] **METHOD AND CATALYST FOR PRODUCING POLYOLEFINS OF MEDIUM TO ULTRA-HIGH MOLECULAR WEIGHT**  
[54] **PROCEDE ET CATALYSEUR POUR PREPARER DES POLYOLEFINES DE POIDS MOLECULAIRE MOYEN A ULTRA ELEVE**  
[72] SCHELLENBERG, JURGEN, DE  
[72] KERRINNES, HEINZ-JURGEN, DE  
[72] LOHSE, GERD, DE  
[72] FRITZSCHE, GERD, DE  
[71] BUNA SOW LEUNA OLEFINVERBUND GMBH, DE  
[85] 1999-08-19  
[86] 1998-02-13 (PCT/DE98/00420)  
[87] 1998-08-27 (WO98/37108)  
[30] DE (197 06 409.4) 1997-02-19

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[21] **2,281,560**  
[13] A1

[51] **Int.Cl. 6A61K 31/14 6A61K 9/00 6A61K 31/46 6A61K 9/48**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION OF HETEROCYCLIC COMPOUNDS IN THE FORM OF QUATERNARY AMMONIUM**  
[54] **COMPOSITION PHARMACEUTIQUE POUR L'ADMINISTRATION ORALE DE COMPOSES HETEROCYCLIQUES SOUS FORME AMMONIUM QUATERNAIRE**  
[72] BELLAMY, RÉGINE, FR  
[72] BOULENC, XAVIER, FR  
[72] ABRAMOVICI, BERNARD, FR  
[72] GAUTIER, JEAN-CLAUDE, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 1999-08-16  
[86] 1998-02-17 (PCT/FR98/00298)  
[87] 1998-08-20 (WO98/35662)  
[30] FR (97/01825) 1997-02-17

[21] **2,281,561**  
[13] A1

[51] **Int.Cl. 6C08F 2/34 6C08F 10/00 6B05B 1/02 6B05B 7/04 6B01J 8/24**  
[25] EN  
[54] **IMPROVED CONTROL OF SOLUTION CATALYST DROPLET SIZE WITH A PERPENDICULAR SPRAY NOZZLE**  
[54] **REGLAGE AMELIORE DE LA TAILLE DES GOUTTELETTES D'UN CATALYSEUR EN SOLUTION PAR UNE BUSE DE PULVERISATION PERPENDICULAIRE**  
[72] LYNN, TIMOTHY ROGER, US  
[72] WILLIAMS, CLARK CURTIS, US  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[85] 1999-08-17  
[86] 1998-02-18 (PCT/US98/03139)  
[87] 1998-08-27 (WO98/37102)  
[30] US (08/802,230) 1997-02-19

[21] **2,281,562**  
[13] A1

[51] **Int.Cl. 6A61K 31/35**  
[25] EN  
[54] **FORSKOHLIN FOR PROMOTING LEAN BODY MASS**  
[54] **FORSKOHLINE POUR DEVELOPPER LA MASSE MAIGRE DE L'ORGANISME**  
[72] MAJEED, MUHAMMED, US  
[72] BADMAEV, VLADIMIR, US  
[72] RAJENDRAN, RAMASWAMY, US  
[71] SABINSA CORPORATION, US  
[85] 1999-08-17  
[86] 1998-02-26 (PCT/US98/03268)  
[87] 1998-09-03 (WO98/37883)  
[30] US (08/807,652) 1997-02-27

[21] **2,281,563**  
[13] A1

[51] **Int.Cl. 6C10G 35/095**  
[25] EN  
[54] **NAPHTHA AROMATIZATION PROCESS**  
[54] **PROCEDE D'AROMATISATION DU NAPHTHE**  
[72] KAO, JAR-LIN, US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-08-17  
[86] 1998-02-11 (PCT/US98/02747)  
[87] 1998-08-20 (WO98/36037)  
[30] US (60/035,405) 1997-02-18  
[30] US (08/844,711) 1997-04-18

[21] **2,281,564**  
[13] A1

[51] **Int.Cl. 6C07D 213/64 6C07D 213/38 6A61K 31/44 6C07D 213/61**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS INCORPORATING ARYL SUBSTITUTED OLEFINIC AMINE COMPOUNDS**  
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES COMPOSES AMINES OLEFINIQUES ARYL SUBSTITUES**  
[72] BENCHERIF, MEROUANE, US  
[72] LIPPIELLO, PATRICK MICHAEL, US  
[72] DOBSON, GRAYLAND PAGE, US  
[72] MILLER, CRAIG HARRISON, US  
[72] DULL, GARY MAURICE, US  
[72] CALDWELL, WILLIAM SCOTT, US  
[71] R.J. REYNOLDS TOBACCO COMPANY, US  
[85] 1999-08-17  
[86] 1998-02-19 (PCT/US98/03091)  
[87] 1998-08-27 (WO98/37071)  
[30] US (08/804,250) 1997-02-21  
[30] US (08/804,248) 1997-02-21

[21] **2,281,565**  
[13] A1

[51] **Int.Cl. 6A62B 9/02 6F16K 7/02 6A62B 18/10 6F16K 7/18**  
[25] EN  
[54] **PRESSURE COMPENSATING VALVE**  
[54] **SOUPAPE DE REGULATION DE PRESSION**  
[72] JERVMO, BENGT YNGVE ROLAND, AU  
[72] BERNDTSSON, GORAN BERTIL CLAES, AU  
[72] KLOCKSETH, MARTINUS OLIVER, AU  
[71] SAFETY EQUIPMENT SWEDEN AB, AU  
[85] 1999-08-17  
[86] 1998-02-18 (PCT/AU98/00099)  
[87] 1998-08-27 (WO98/36797)  
[30] AU (PO 5171) 1997-02-18

[21] **2,281,566**  
[13] A1

[51] **Int.Cl. 6F02F 5/00 6F16J 9/20**  
[25] EN  
[54] **AN OIL SEALING RING**  
[54] **BAGUE ANTIFUITE D'HUILE**  
[72] YU, XIUMING, CN  
[71] YU, XIUMING, CN  
[85] 1999-08-19  
[86] 1996-12-19 (PCT/CN96/00110)  
[87] 1997-06-26 (WO97/22792)

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[21] **2,281,567**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6C07H 21/04 6C12N 15/12 6C12P 19/34**  
[25] EN  
[54] **SELF-REGULATED APOPTOSIS OF INFLAMMATORY CELLS BY GENE THERAPY**  
[54] **APOPTOSE AUTO-REGULEE DE CELLULES INFLAMMATOIRES, OBTENUE PAR THERAPIE GENIQUE**  
[72] BARTON, RANDALL W., US  
[72] TATAKE, REVATI J., US  
[72] MARLIN, STEVEN D., US  
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US  
[85] 1999-08-19  
[86] 1998-02-27 (PCT/US98/03911)  
[87] 1998-09-03 (WO98/37901)  
[30] US (60/039,266) 1997-02-28

[21] **2,281,568**  
[13] A1

[51] **Int.Cl. 6H04L 12/00**  
[25] EN  
[54] **METHOD FOR TRANSFERRING INFORMATION**  
[54] **PROCEDE POUR TRANSMETTRE DES INFORMATIONS**  
[72] TERLINDE, EGBERT, DE  
[72] FROHNHOFF, BIRGIT, DE  
[72] DASSOW, HEIKO, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[85] 1999-08-19  
[86] 1998-04-15 (PCT/EP98/02204)  
[87] 1998-11-05 (WO98/49806)  
[30] DE (197 17 948.7) 1997-04-29

[21] **2,281,569**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04**  
[25] EN  
[54] **ATM COMMUNICATIONS SYSTEM FOR TRANSMITTING INTERNET DATA PACKETS**  
[54] **SYSTEME DE COMMUNICATION MTA POUR PERMETTRE L'ECHANGE DE PAQUETS DE DONNEES DE L'INTERNET**  
[72] GOLDNER, ERNST-HEINRICH, DE  
[72] FISCHER, WOLFGANG, DE  
[72] SCHRODI, KARL, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1999-08-19  
[86] 1998-02-09 (PCT/DE98/00363)  
[87] 1998-08-27 (WO98/37725)  
[30] DE (197 07 061.2) 1997-02-21

[21] **2,281,570**  
[13] A1

[51] **Int.Cl. 6A61K 35/60**  
[25] EN  
[54] **COMPOSITIONS FOR TREATING TUMORS CONTAINING SHARK CARTILAGE EXTRACTS AND ANTI-NEOPLASTIC AGENTS**  
[54] **COMPOSITIONS POUR TRAITER LES TUMEURS, CONTENANT DES EXTRAITS DE CARTILAGE DE REQUIN ET DES AGENTS ANTINEOPLASTIQUES**  
[72] DUPONT, ERIC, CA  
[71] LES LABORATOIRES AETERNA INC., CA  
[85] 1999-08-17  
[86] 1998-03-11 (PCT/CA98/00202)  
[87] 1998-09-17 (WO98/40088)  
[30] CA (2,199,694) 1997-03-11

[21] **2,281,571**  
[13] A1

[51] **Int.Cl. 6B01D 17/025 6B04C 5/00 6B01D 17/038**  
[25] EN  
[54] **PROCESS FOR SIMULTANEOUS EXTRACTION OF DISPERSED AND DISSOLVED HYDROCARBON CONTAMINANTS FROM WATER**  
[54] **PROCEDE D'EXTRACTION SIMULTANEE DE CONTAMINANTS D'HYDROCARBURES DISPERSES ET DISSOUS, A PARTIR D'EAU**  
[72] PACE, GARY WILLIAM, US  
[72] HENRIKSEN, INGE BRUN, NO  
[71] C. TOUR A.S., NO  
[85] 1999-08-19  
[86] 1997-02-28 (PCT/NO97/00060)  
[87] 1998-09-03 (WO98/37941)

[21] **2,281,572**  
[13] A1

[51] **Int.Cl. 6H01L 41/09 6H01L 41/12**  
[25] EN  
[54] **HIGH-EFFICIENCY, LARGE STROKE ELECTROMECHANICAL ACTUATOR**  
[54] **ACTIONNEUR ELECTROMECHANIQUE HAUTE EFFICACITE, A COURSE LONGUE**  
[72] PRECHTL, ERIC F., US  
[72] HALL, STEVEN R., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 1999-08-19  
[86] 1998-02-26 (PCT/US98/03732)  
[87] 1998-10-15 (WO98/45886)  
[30] US (08/808,144) 1997-02-28

[21] **2,281,573**  
[13] A1

[51] **Int.Cl. 6C23G 1/36**  
[25] EN  
[54] **METHOD FOR PICKLING PRODUCTS OF A METAL ALLOY IN ABSENCE OF NITRIC AND FOR RECOVERING EXHAUSTED PICKLING SOLUTIONS AND APPARATUS THEREFORE**  
[54] **PROCEDE DE DEROCHAGE DE PRODUITS EN ALLIAGE METALLIQUE EN L'ABSENCE D'ACIDE NITRIQUE, PROCEDE DE RECUPERATION DES BAINS DE DEROCHAGE EPUISES, ET APPAREIL CONCU A CET EFFET**  
[72] FORTUNATI, SANDRO, IT  
[72] MANCIA, FRANCO, IT  
[71] CENTRO SVILUPPO MATERIALI S.P.A., IT  
[85] 1999-08-19  
[86] 1998-02-25 (PCT/IT98/00038)  
[87] 1998-09-03 (WO98/38353)  
[30] IT (RM97A000102) 1997-02-25

[21] **2,281,574**  
[13] A1

[51] **Int.Cl. 6C08L 23/08 6B32B 27/32**  
[25] EN  
[54] **THERMOPLASTIC C2-.ALPHA.-OLEFIN COPOLYMER BLENDS AND FILMS**  
[54] **MELANGES DE COPOLYMERES THERMOPLASTIQUES CONTENANT UNE C2-.ALPHA.-OLEFINE ET FILMS ASSOCIES**  
[72] WILHOIT, DARREL LOEL, US  
[72] GEORGELOS, PAUL NICK, US  
[71] VISKASE CORPORATION, US  
[85] 1999-08-19  
[86] 1998-02-27 (PCT/US98/03914)  
[87] 1998-09-03 (WO98/38035)  
[30] US (08/808,093) 1997-02-28

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,281,575</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B64D 9/00</b> [25] EN [54] <b>DEVICE FOR LOADING PACKAGES INTO A CARGO HOLD PARTICULARLY OF AN AIRCRAFT</b> [54] <b>DISPOSITIF POUR CHARGER DES COLIS DANS UNE SOUTE A FRET, EN PARTICULIER, D'UN AVION</b> [72] HELMNER, ANDERS, SE [71] SCANDINAVIAN BELLYLOADING CO. AB, SE [85] 1999-08-19 [86] 1998-02-25 (PCT/EP98/01069) [87] 1998-09-03 (WO98/38087) [30] DE (197 07 519.3) 1997-02-25</p>	<p style="text-align: right;">[21] <b>2,281,578</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/32 6H04Q 7/20</b> [25] EN [54] <b>METHOD OF ASSIGNING AND SELECTING RADIO CHANNEL</b> [54] <b>PROCEDE PERMETTANT D'ATTRIBUER ET DE SELECTIONNER DES CANAUX RADIO</b> [72] SUZUKI, YASUNORI, JP [72] NOJIMA, TOSHIO, JP [71] NTT MOBILE COMMUNICATIONS NETWORK INC., JP [85] 1999-08-19 [86] 1998-12-24 (PCT/JP98/05859) [87] 1999-07-08 (WO99/34630) [30] JP (358534/1997) 1997-12-25 [30] JP (358535/1997) 1997-12-25</p>	<p style="text-align: right;">[21] <b>2,281,581</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01V 1/28</b> [25] EN [54] <b>A METHOD OF PROCESSING SEISMIC DATA SIGNALS</b> [54] <b>PROCEDE POUR TRAITER DES SIGNAUX DE DONNEES SEISMIQUES</b> [72] BERGE, GUNNAR, NO [72] BOGE, KNUT STEEN, NO [72] YRKE, OYVIND, NO [72] GEHRMANN, THOMAS, NO [72] SONNELAND, LARS, NO [72] TENNEBO, PER-OLA, GB [71] GECO AS, NO [85] 1999-08-19 [86] 1998-02-18 (PCT/IB98/00209) [87] 1998-08-27 (WO98/37437) [30] GB (9703529.9) 1997-02-20</p>
<p style="text-align: right;">[21] <b>2,281,576</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 7/10</b> [25] EN [54] <b>MULTI-APPLICATION IC CARD SYSTEM</b> [54] <b>SYSTEME DE CARTE A CIRCUIT INTEGRE MULTI-APPLICATIONS</b> [72] EVERETT, DAVID BARRINGTON, GB [72] MILLER, STUART JAMES, GB [72] VINER, JOHN CHARLES, GB [72] RICHARDS, TIMOTHY PHILIP, GB [72] SIMMONS, IAN STEPHENS, GB [72] PEACHAM, ANTHONY DAVID, GB [71] MONDEX INTERNATIONAL LIMITED, GB [85] 1999-08-19 [86] 1998-02-19 (PCT/GB98/00531) [87] 1998-08-27 (WO98/37526) [30] GB (9703591.9) 1997-02-21 [30] US (60/046,514) 1997-05-15 [30] US (09/023,057) 1998-02-12</p>	<p style="text-align: right;">[21] <b>2,281,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>NON-INVASIVE GLUCOSE MEASURING DEVICE AND METHOD FOR MEASURING BLOOD GLUCOSE</b> [54] <b>DISPOSITIF NON INVASIF DE MESURE DU GLUCOSE ET METHODE POUR MESURER LA GLYCEMIE</b> [72] ELMERICK, DONALD, US [72] PETERS, RICHARD K., US [71] EMERGING TECHNOLOGY SYSTEMS, LLC, US [85] 1999-08-19 [86] 1997-06-05 (PCT/US97/08852) [87] 1998-08-27 (WO98/36681) [30] US (08/803,066) 1997-02-20</p>	<p style="text-align: right;">[21] <b>2,281,582</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/47 6A61K 31/335 6A61K 31/35 6A61K 31/38 6A61K 31/385</b> [25] EN [54] <b>ANTIMICROBIAL AGENT</b> [54] <b>AGENT ANTIMICROBIEN</b> [72] KRUSE, LAWRENCE I., US [72] BROEDEL, SHELDON E., US [71] DORLIN PHARMACEUTICALS, INC., US [85] 1999-08-19 [86] 1997-03-28 (PCT/US97/02500) [87] 1998-09-03 (WO98/37890) [30] US (08/805,176) 1997-02-26</p>
<p style="text-align: right;">[21] <b>2,281,577</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A24F 13/00</b> [25] EN [54] <b>ON-BOARD LIGHTER SYSTEM FOR SMOKER'S ACCESSORY</b> [54] <b>SYSTEME DE BRIQUET INTEGRE POUR ACCESSOIRE POUR FUMEURS</b> [72] KEEFE, WAYNE B., CA [71] 1149235 ONTARIO INC., CA [85] 1999-08-19 [86] 1999-02-09 (PCT/CA99/00111) [87] 1999-08-19 (WO99/40806) [30] US (09/022,541) 1998-02-12</p>	<p style="text-align: right;">[21] <b>2,281,580</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/14 6A61K 31/495</b> [25] EN [54] <b>QUINOXALINEDIONES</b> [54] <b>QUINOXALINEDIONES</b> [72] GAUTIER, ELISABETH COLETTE LOUISE, FR [72] WAITE, DAVID CHARLES, GB [72] STOBIE, ALAN, GB [72] CROOK, ROBERT JAMES, GB [71] PFIZER INC., US [85] 1999-08-19 [86] 1998-02-24 (PCT/EP98/01275) [87] 1998-09-03 (WO98/38186) [30] EP (PCT/EP97/00995) 1997-02-27 [30] EP (9715783.8) 1997-07-25</p>	<p style="text-align: right;">[21] <b>2,281,583</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 1/00 6G06F 13/00 6G06F 13/24 6H03M 7/30</b> [25] EN [54] <b>COMMUNICATIONS SYSTEM UTILIZING NON-FIXED BUFFER SIZE</b> [54] <b>SYSTEME DE COMMUNICATIONS UTILISANT UNE TAILLE DE TAMPON NON FIXE</b> [72] COLLIN, ZEEV, US [72] TAL, NIR, IL [72] COHEN, RON, IL [71] CONEXANT SYSTEMS, INC., US [85] 1999-08-19 [86] 1998-01-26 (PCT/IL98/00037) [87] 1998-09-17 (WO98/40813) [30] US (08/808,071) 1997-02-28</p>

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[21] **2,281,584**  
[13] A1

[51] **Int.Cl. 6C08G 18/10 6C08J 3/03 6C08G 18/08 6C08G 18/48**  
[25] EN  
[54] **POLYURETHANE LATEXES, PROCESSES FOR PREPARING THEM AND POLYMERS PREPARED THEREWITH**  
[54] **LATEX DE POLYURETHANE, PROCEDES DE PREPARATION ET POLYMERES OBTENUS A PARTIR DESDITS LATEX**  
[72] JAKUBOWSKI, JAMES J., US  
[72] TABOR, RICK L., US  
[72] WILLKOMM, WAYNE R., US  
[72] MOORE, DOUGLAS R., US  
[72] SOLIS, RUBEN, US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 1999-08-19  
[86] 1998-03-16 (PCT/US98/051113)  
[87] 1998-09-24 (WO98/41554)  
[30] US (60/041,600) 1997-03-17

[21] **2,281,585**  
[13] A1

[51] **Int.Cl. 6E03C 1/26**  
[25] EN  
[54] **AN EVERSIABLE STOPPER/ STRAINER DEVICE**  
[54] **DISPOSITIF D'ARRET ET DE FILTRAGE POUVANT ETRE EVERSE**  
[72] LUFF, MARK ALWYN, AU  
[72] NEWMAN, BERNARD LINDSAY, AU  
[72] BRIGGS, RAYMOND, AU  
[71] LUFF, MARK ALWYN, AU  
[71] NEWMAN, BERNARD LINDSAY, AU  
[71] BRIGGS, RAYMOND, AU  
[85] 1999-08-16  
[86] 1998-02-18 (PCT/AU98/00096)  
[87] 1998-08-27 (WO98/37281)  
[30] AU (PO 5155) 1997-02-19

[21] **2,281,586**  
[13] A1

[51] **Int.Cl. 6C01G 53/00 6C01G 45/00 6C01G 51/00 6H01M 4/48**  
[25] EN  
[54] **METHOD FOR PRODUCING LITHIUM TRANSITION METALATES**  
[54] **PROCEDE DE PRODUCTION DE METALLATES CONSTITUES DE METAUX DE TRANSITION ET DE LITHIUM**  
[72] MEESE-MARKTSCHIEFFEL, JULIANE, DE  
[72] PROSS, EVELYN, DE  
[72] KUMMER, WOLFGANG, DE  
[72] BENZ, MATHIAS, DE  
[72] STOLLER, VIKTOR, DE  
[72] KRYNITZ, ULRICH, DE  
[71] H.C. STARCK GMBH & CO. KG, DE  
[85] 1999-08-16  
[86] 1998-02-09 (PCT/EP98/00697)  
[87] 1998-08-27 (WO98/37023)  
[30] DE (197 06 343.8) 1997-02-19  
[30] DE (197 07 050.7) 1997-02-21

[21] **2,281,587**  
[13] A1

[51] **Int.Cl. 6G01R 31/12 6H01F 27/40**  
[25] EN  
[54] **METHOD AND DEVICE FOR DETECTING PARTIAL DISCHARGES**  
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE DECHARGES PARTIELLES**  
[72] FU, YAN HONG, NL  
[72] RUTGERS, WIJNAND REIJER, NL  
[71] N.V. KEMA, NL  
[85] 1999-08-16  
[86] 1998-03-30 (PCT/NL98/00177)  
[87] 1998-10-08 (WO98/44356)  
[30] NL (1005721) 1997-04-03

[21] **2,281,588**  
[13] A1

[51] **Int.Cl. 6G01D 5/12 6G01B 7/00 6G01D 5/16**  
[25] EN  
[54] **POSITION SENSOR**  
[54] **CAPTEUR DE POSITION**  
[72] SEKIYA, MITSURU, JP  
[71] MIKUNI CORPORATION, JP  
[85] 1999-08-18  
[86] 1998-08-11 (PCT/JP98/03557)  
[87] 1999-02-18 (WO99/08072)  
[30] JP (9/230418) 1997-08-12  
[30] JP (10/165887) 1998-05-29

[21] **2,281,589**  
[13] A1

[51] **Int.Cl. 6G06F 13/364**  
[25] EN  
[54] **METHOD FOR EXCHANGING SIGNALS BETWEEN MODULES CONNECTED VIA A BUS, AND A DEVICE FOR CARRYING OUT SAID METHOD**  
[54] **PROCEDE POUR ECHANGER DES SIGNAUX ENTRE DES MODULES RELIES PAR UN BUS ET DISPOSITIF PERMETTANT DE METTRE LEDIT PROCEDE EN OEUVRE**  
[72] BRINKHUS, HARTMUT B., DE  
[71] BRINKHUS, HARTMUT B., DE  
[85] 1999-08-16  
[86] 1998-12-18 (PCT/EP98/08318)  
[87] 1999-07-01 (WO99/32983)  
[30] DE (197 56 885.8) 1997-12-19

[21] **2,281,590**  
[13] A1

[51] **Int.Cl. 6C08L 95/00**  
[25] EN  
[54] **POLYMER STABILIZED BITUMEN GRANULATE**  
[54] **GRANULES DE BITUME STABILISES PAR ADJONCTION DE POLYMERE**  
[72] LIANG, ZHI-ZHONG, CA  
[71] POLYPHALT INC., CA  
[85] 1999-08-16  
[86] 1998-02-18 (PCT/CA98/00122)  
[87] 1998-08-27 (WO98/37146)  
[30] US (60/038,200) 1997-02-18

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[21] **2,281,591**  
[13] A1

[51] **Int.Cl. 6C21B 13/14**  
[25] EN  
[54] **TWO STEP TWIN-SINGLE FLUIDIZED BED TYPE PRE-REDUCTION APPARATUS FOR PRE-REDUCING FINE IRON ORE, AND METHOD THEREFOR**  
[54] **APPAREIL DE PRE-REDUCTION DE TYPE A LIT FLUIDISE DOUBLE-SIMPLE A DEUX ETAPES POUR LA PRE-REDUCTION DE MINERAI DE FER A GRAINS FINS ET PROCEDE ASSOCIE**  
[72] CHOI, NAG JOON, KR  
[72] JUNG, UOO CHANG, KR  
[72] JEONG, SUN KWANG, KR  
[72] KANG, HEUNG WON, KR  
[71] POHANG IRON & STEEL CO., LTD., KR  
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT  
[71] RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, KR  
[85] 1999-08-17  
[86] 1998-12-16 (PCT/KR98/00433)  
[87] 1999-07-01 (WO99/32666)  
[30] KR (1997/71435) 1997-12-20

[21] **2,281,592**  
[13] A1

[51] **Int.Cl. 6E21B 19/16**  
[25] EN  
[54] **POWER TONG**  
[54] **CLE DE VISSAGE A COMMANDE PNEUMATIQUE**  
[72] McDANIELS, GARY D., US  
[72] CUMMINGS, PATRICK D., US  
[72] HAYES, MICHAEL W., US  
[72] ALBRIGHT, STEPHEN L., US  
[71] WEATHERFORD/LAMB, INC., US  
[71] LUCAS, BRIAN RONALD, GB  
[85] 1999-08-18  
[86] 1998-01-29 (PCT/GB98/00281)  
[87] 1998-08-27 (WO98/37304)  
[30] US (08/802,629) 1997-02-19

[21] **2,281,593**  
[13] A1

[51] **Int.Cl. 6B65D 77/20**  
[25] EN  
[54] **CHILD-PROOF PEELABLE BAG WITH SEALABLE EDGES, METHOD FOR PRODUCING SAME, AND USE**  
[54] **SAC PELABLE A DISPOSITIF DE SECURITE POUR ENFANTS, A BORDS SCELLES, SON PROCEDE DE FABRICATION ET SON UTILISATION**  
[72] MULLER, FRANK, AT  
[71] LTS LOHMANN THERAPIE-SYSTEME GMBH, DE  
[85] 1999-08-16  
[86] 1998-02-09 (PCT/EP98/00688)  
[87] 1998-08-27 (WO98/36989)  
[30] DE (197 06 825.1) 1997-02-21

[21] **2,281,594**  
[13] A1

[51] **Int.Cl. 6C08B 37/00 6C12P 19/04**  
[25] FR  
[54] **POLYSACCHARIDE, MICRO-ORGANISME ET PROCEDE POUR SON OBTENTION, COMPOSITION LE CONTENANT ET APPLICATION**  
[54] **POLYSACCHARIDE, MICRO-ORGANISME AND METHOD FOR OBTAINING SAME, COMPOSITION CONTAINING IT AND APPLICATION**  
[72] HEULIN, THIERRY, FR  
[72] ALAMI, YOUNES, FR  
[72] HEYRAUD, ALAIN, FR  
[72] MILAS, MICHEL, FR  
[72] DE BAYNAST, RÉGIS, FR  
[72] VILLAIN, AGNES, FR  
[71] AGRO INDUSTRIE RECHERCHES ET DÉVELOPPEMENT (A.R.D.), FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
[85] 1999-08-09  
[86] 1998-02-12 (PCT/FR98/00269)  
[87] 1998-08-20 (WO98/35993)  
[30] FR (97/01624) 1997-02-12

[21] **2,281,595**  
[13] A1

[51] **Int.Cl. 6C21B 13/14**  
[25] EN  
[54] **APPARATUS FOR MANUFACTURING MOLTEN PIG IRON AND REDUCED IRON BY UTILIZING FLUIDIZED BED, AND METHOD THEREFOR**  
[54] **APPAREIL PERMETTANT DE FABRIQUER DE LA FONTE BRUTE EN FUSION ET DU FER REDUIT A L'AIDE D'UN LIT FLUIDISE ET PROCEDE S'Y RAPPORTANT**  
[72] LEE, SANG DEUK, KR  
[72] KIM, HANG GOO, KR  
[72] CHO, MIN YOUNG, KR  
[72] JOO, SANG HOON, KR  
[72] LEE, JUN HYUK, KR  
[72] KANG, HEUNG WON, KR  
[72] SHIN, MYOUNG KYUN, KR  
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT  
[71] RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, KR  
[71] POHANG IRON & STEEL CO., LTD., KR  
[85] 1999-08-17  
[86] 1998-12-18 (PCT/KR98/00438)  
[87] 1999-07-01 (WO99/32668)  
[30] KR (1997/71434) 1997-12-20  
[30] KR (1998/48452) 1998-11-12

[21] **2,281,596**  
[13] A1

[51] **Int.Cl. 6A61B 17/32**  
[25] EN  
[54] **ENDOSCOPIC SURGICAL INSTRUMENT**  
[54] **INSTRUMENT CHIRURGICAL ENDOSCOPIQUE**  
[72] SMITH, GRAHAM, US  
[71] SMITH & NEPHEW, INC., US  
[85] 1999-08-16  
[86] 1998-02-20 (PCT/US98/03333)  
[87] 1998-08-27 (WO98/36695)  
[30] US (08/805,143) 1997-02-24

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<p style="text-align: right;">[21] <b>2,281,597</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48 6A61K 7/043</b> [25] FR [54] <b>COMPOSITION COSMETIQUE FILMOGENE</b> [54] <b>FILM-FORMING COSMETIC COMPOSITION</b> [72] FRANKFURT, CHRIS, US [72] RAMIN, ROLAND, FR [71] L'ORÉAL, FR [85] 1999-08-12 [86] 1998-12-23 (PCT/FR98/02861) [87] 1999-07-08 (WO99/33442) [30] FR (97/16627) 1997-12-29</p>	<p style="text-align: right;">[21] <b>2,281,600</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22C 19/00 6C22C 1/04 6B22F 9/04 6C22F 1/10 6B22F 3/11 6H01M 4/38</b> [25] EN [54] <b>HYDROGEN ABSORBING ALLOYS, PROCESSES FOR PRODUCING HYDROGEN ABSORBING ALLOYS, HYDROGEN ABSORBING ALLOY ELECTRODE, PROCESS FOR PRODUCING HYDROGEN ABSORBING ALLOY ELECTRODE, AND BATTERY</b> [54] <b>ALLIAGES ABSORBANT L'HYDROGENE, PROCEDES DE PRODUCTION DE CES ALLIAGES, ELECTRODE REALISEE A L'AIDE DE CET ALLIAGE ET PROCEDE DE FABRICATION ET ACCUMULATEUR</b> [72] NAKAMURA, KENJI, JP [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP [85] 1999-08-17 [86] 1998-12-24 (PCT/JP98/05934) [87] 1999-07-08 (WO99/34025) [30] JP (9/358955) 1997-12-26</p>	<p style="text-align: right;">[21] <b>2,281,602</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 8/44 6C08F 20/36 6C07C 233/38 6C08F 20/66 6A61K 31/785</b> [25] EN [54] <b>CROSS-LINKED VINYL POLYMERS WITH BILE ACID ADSORBING EFFECT</b> [54] <b>POLYMERES DE VINYLE RETICULES A EFFET ADSORBANT D'ACIDE BILIAIRE</b> [72] GLOMBIK, HEINER, DE [72] HORSCH, BRIGITTE, DE [72] LINKIES, ADOLF HEINZ, DE [72] HOFFMANN, AXEL, DE [72] VON SEGGERN, HEINKE, DE [72] FALK, EUGEN, DE [71] AVENTIS RESEARCH &amp; TECHNOLOGIES GMBH &amp; CO. KG, DE [85] 1999-08-16 [86] 1998-02-17 (PCT/EP98/00898) [87] 1998-08-20 (WO98/36002) [30] DE (197 05 963.5) 1997-02-17</p>
<p style="text-align: right;">[21] <b>2,281,598</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 213/06 6C07D 401/06 6C07D 405/06 6C07D 409/06 6C07D 249/08 6A61K 31/415 6A61K 31/44 6C07D 233/56 6C07D 233/58</b> [25] EN [54] <b>FUSED RING COMPOUNDS, PROCESS FOR PRODUCING THE SAME AND USE THEREOF</b> [54] <b>COMPOSES A ANNEAUX CONDENSES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION</b> [72] AONO, TETSUYA, JP [72] ITOH, FUMIO, JP [72] YAMAOKA, MASUO, JP [72] KAKU, TOMOHIRO, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 1999-08-16 [86] 1998-02-19 (PCT/JP98/00688) [87] 1998-08-27 (WO98/37070) [30] JP (9/37927) 1997-02-21</p>	<p style="text-align: right;">[21] <b>2,281,601</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 47/26 6B65D 51/00</b> [25] EN [54] <b>DRINKS CAN LID WITH CLOSURE CAP</b> [54] <b>BOITE A BOISSON AVEC COUVERCLE</b> [72] SCHARF, ANDREAS, DE [72] CAGAN, MICHAEL N., ES [72] KLOSE, FRANK, ES [72] WACKERBAUER, PETER, DE [71] SCHARF, ANDREAS, DE [71] CAGAN, MICHAEL N., ES [71] KLOSE, FRANK, ES [71] WACKERBAUER, PETER, DE [85] 1999-08-16 [86] 1998-02-13 (PCT/EP98/00805) [87] 1998-08-20 (WO98/35883) [30] DE (197 06 112.5) 1997-02-17</p>	<p style="text-align: right;">[21] <b>2,281,603</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01L 11/00</b> [25] FR [54] <b>DISPOSITIF DE SECURITE A USAGE UNIQUE POUR TRANSFERER LE SANG</b> [54] <b>DISPOSABLE SAFETY DEVICE FOR TRANSFERRING BLOOD</b> [72] DIETRICH, EMMANUEL, FR [72] BARA, NICOLAS, FR [71] CENTRAL LABO EUROPE, FR [85] 1999-08-13 [86] 1998-02-13 (PCT/FR98/00282) [87] 1998-08-27 (WO98/36834) [30] FR (97/01962) 1997-02-19</p>
<p style="text-align: right;">[21] <b>2,281,599</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 51/487 6C07C 51/02 6C07C 51/41 6C07C 51/48 6C12P 7/56</b> [25] EN [54] <b>A PROCESS FOR THE RECOVERY OF LACTIC ACID</b> [54] <b>PROCEDE DE RECUPERATION D'ACIDE LACTIQUE</b> [72] FISHER, ROD, US [72] EYAL, AHARON MEIR, IL [72] WITZKE, DAVID, US [71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL [85] 1999-08-17 [86] 1998-02-12 (PCT/US98/02695) [87] 1998-08-27 (WO98/37050) [30] IL (120279) 1997-02-21</p>		

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[21] **2,281,604**  
[13] A1

[51] **Int.Cl. 6G01S 5/00 6G06F 17/00 6B60T 8/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PROXIMITY DETECTION AND LOCATION DETERMINATION**  
[54] **PROCEDE ET SYSTEME DE DETECTION DE PROXIMITE ET DE DETERMINATION D'EMPLACEMENT**  
[72] GROSS, ERIC, US  
[72] GUARINO, ANTHONY, US  
[72] EASTERLING, SCOTT, US  
[72] PEEK, ERNEST L., US  
[72] ZAHM, CHARLES, US  
[72] REINHART, LEONARD, US  
[72] GOTFRIED, MICHAEL, US  
[71] GE-HARRIS RAILWAY ELECTRONICS, L.L.C., US  
[85] 1999-08-18  
[86] 1998-02-20 (PCT/US98/03252)  
[87] 1998-08-27 (WO98/37432)  
[30] US (60/038,889) 1997-02-21  
[30] US (60/034,210) 1997-03-03

[21] **2,281,605**  
[13] A1

[51] **Int.Cl. 6C08G 63/78 6C08J 3/16 6C08J 3/20 6C08G 63/81**  
[25] EN  
[54] **BALL-SHAPED POLYESTER PARTICLES, PRODUCTION THEREOF AND USE OF SAME FOR POWDER LACQUERS**  
[54] **PARTICULES DE POLYESTER DE FORME SPHERIQUE, MODE DE FABRICATION ET APPLICATION POUR LES LAQUES EN POWDRE**  
[72] BLATTER, KARSTEN, DE  
[72] SIMON, PETER, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE  
[85] 1999-08-16  
[86] 1998-02-11 (PCT/EP98/00748)  
[87] 1998-08-20 (WO98/36011)  
[30] DE (197 05 962.7) 1997-02-17

[21] **2,281,606**  
[13] A1

[51] **Int.Cl. 6C10M 139/00 6C07F 5/04 6C07F 5/05**  
[25] EN  
[54] **ANTIWEAR AGENTS FOR LUBRICATING COMPOSITIONS**  
[54] **AGENTS ANTI-USURE POUR COMPOSITIONS LUBRIFIANTES**  
[72] NIBERT, ROGER KEITH, US  
[72] BLOCH, RICARDO ALFREDO, US  
[72] WATTS, RAYMOND FREDERICK, US  
[72] PUCKACE, JAMES STANLEY, US  
[72] RYER, JACK (Deceased), US  
[71] INFINEUM USA L.P., US  
[85] 1999-08-17  
[86] 1998-12-24 (PCT/EP98/08125)  
[87] 1999-07-01 (WO99/32588)  
[30] US (993,619) 1997-12-18

[21] **2,281,607**  
[13] A1

[51] **Int.Cl. 6A61K 31/14 6A61K 9/16 6A61K 31/46**  
[25] EN  
[54] **PHARMACEUTICAL FORMULATIONS IN DRY FORM FOR THE ORAL ADMINISTRATION OF A CYCLIC QUATERNARY AMMONIUM COMPOUND**  
[54] **FORMULATIONS PHARMACEUTIQUES PRESENTEES SOUS FORME SECHE POUR L'ADMINISTRATION ORALE D'UN COMPOSE AMMONIUM QUATERNAIRE CYCLIQUE**  
[72] GAUTIER, JEAN-CLAUDE, FR  
[72] BOULENC, XAVIER, FR  
[72] ABRAMOVICI, BERNARD, FR  
[72] VILAIN, POL, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 1999-08-16  
[86] 1998-02-17 (PCT/FR98/00299)  
[87] 1998-08-20 (WO98/35663)  
[30] FR (97/01826) 1997-02-17

[21] **2,281,608**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **BONE SUBSTITUTE MATERIAL WITH A SURFACE COATING OF PEPTIDES HAVING AN RGD AMINO ACID SEQUENCE**  
[54] **MATERIAU DE SUBSTITUTION DE L'OS, A REVETEMENT DE SURFACE A BASE DE PEPTIDES AYANT UNE SEQUENCE D'ACIDES AMINES RGD**  
[72] NIES, BERTHOLD, DE  
[71] MERK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE  
[85] 1999-08-18  
[86] 1998-02-11 (PCT/EP98/00742)  
[87] 1998-08-27 (WO98/36782)  
[30] DE (197 06 667.4) 1997-02-20

[21] **2,281,609**  
[13] A1

[51] **Int.Cl. 6H04L 12/44**  
[25] EN  
[54] **FIBRE CHANNEL SWITCHING FABRIC**  
[54] **STRUCTURE DE COMMUTATION DE CANAL FIBRE OPTIQUE**  
[72] BERMAN, STUART B., US  
[71] VIXEL CORPORATION, US  
[85] 1999-08-17  
[86] 1998-02-04 (PCT/US98/02048)  
[87] 1998-08-20 (WO98/36537)  
[30] US (08/801,471) 1997-02-18

[21] **2,281,610**  
[13] A1

[51] **Int.Cl. 6B01D 3/42 6B01D 53/00**  
[25] EN  
[54] **METHOD AND APPARATUS UTILIZING HYDROCARBON POLLUTANTS**  
[54] **PROCEDE ET APPAREIL UTILISANT DES AGENTS POLLUANTS D'HYDROCARBURE**  
[72] HILL, D. JEFFREY, US  
[72] WIGGINS, E. TODD, US  
[71] HILL, D. JEFFREY, US  
[71] WIGGINS, E. TODD, US  
[85] 1999-08-17  
[86] 1997-03-03 (PCT/US97/03295)  
[87] 1998-09-11 (WO98/39078)



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,281,611</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A21C 11/16</b> [25] EN [54] <b>APPARATUS AND METHODS FOR MAKING MULTIPLE, PATTERNED EXTRUDATES</b> [54] <b>APPAREIL ET PROCEDES DE FABRICATION D'EXTRUDATS MULTIPLES A MOTIFS</b> [72] RUDOLPH, GERALD J., US [72] HOLMSTROM, JULIE L., US [72] HUBERG, PETER A., US [72] WEINSTEIN, JAMES N., US [72] TOLSON, SCOTT A., US [72] CLANTON, GREGORY A., US [71] GENERAL MILLS, INC., US [85] 1999-08-18 [86] 1998-02-20 (PCT/US98/03126) [87] 1998-08-27 (WO98/36643) [30] US (08/803,787) 1997-02-24</p>	<p style="text-align: right;">[21] <b>2,281,613</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21J 1/04 6D21F 13/00 6D21J 3/00</b> [25] EN [54] <b>SLURRY PREFORM SYSTEM</b> [54] <b>SYSTEME POUR OBTENIR DES PREFORMES A PARTIR D'UNE SUSPENSION</b> [72] BODARY, JOSEPH A., US [72] WELLS, TERRY G., US [72] GREVE, BRUCE N., US [71] THE BUDD COMPANY, US [85] 1999-08-17 [86] 1999-01-15 (PCT/US99/00966) [87] 1999-07-22 (WO99/36625) [30] US (09/007,356) 1998-01-15</p>	<p style="text-align: right;">[21] <b>2,281,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/077</b> [25] FR [54] <b>PROCEDE DE FABRICATION DE CARTE SANS CONTACT A ANTENNE BOBINEE</b> [54] <b>METHOD FOR MAKING CONTACTLESS CARDS WITH COILED ANTENNA</b> [72] AYALA, STÉPHANE, FR [71] GEMPLUS S.C.A., FR [85] 1999-08-13 [86] 1998-02-18 (PCT/FR98/00316) [87] 1998-08-27 (WO98/37512) [30] FR (97/02145) 1997-02-24</p>
<p style="text-align: right;">[21] <b>2,281,612</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47J 43/07</b> [25] FR [54] <b>APPAREIL ELECTROMENAGER DE PREPARATION CULINAIRE, DU GENRE ROBOT MENAGER MULTI-USAGES ET RECIPIENT DE TRAVAIL MULTI-USAGES</b> [54] <b>ELECTRICAL HOUSEHOLD APPLIANCE FOR COOKING PREPARATION, SUCH AS MULTIPURPOSE DOMESTIC ROBOT, AND MULTIPURPOSE WORKING CONTAINER</b> [72] ASTEGNO, JEAN-PAUL, FR [72] TOMPA, CAROLE LINE, FR [71] SEB S.A., FR [85] 1999-08-13 [86] 1998-02-18 (PCT/FR98/00311) [87] 1998-08-27 (WO98/36670) [30] FR (97/02310) 1997-02-18</p>	<p style="text-align: right;">[21] <b>2,281,614</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 64/00 6C08G 63/06</b> [25] EN [54] <b>MONOMERS DERIVED FROM HYDROXY ACIDS AND POLYMERS PREPARED THEREFROM</b> [54] <b>MONOMERES DERIVES D'ACIDES HYDROXYLIQUES ET POLYMERES PREPARES A PARTIR DE CEUX-CI</b> [72] KOHN, JOACHIM B., US [72] QIU, BO, US [71] RUTGERS, THE STATE UNIVERSITY, US [85] 1999-08-18 [86] 1998-02-18 (PCT/US98/03127) [87] 1998-08-20 (WO98/36013) [30] US (60/038,213) 1997-02-18 [30] US (60/064,656) 1997-11-07 [30] US (60/064,905) 1997-11-07</p>	<p style="text-align: right;">[21] <b>2,281,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/28 6G01N 33/22 6G01N 33/566 6C07K 14/705</b> [25] EN [54] <b>ZONULA OCCLUDENS TOXIN RECEPTORS</b> [54] <b>RECEPTEURS DE LA TOXINE DE ZONULA OCCLUDENS</b> [72] FASANO, ALESSIO, US [71] UNIVERSITY OF MARYLAND, BALTIMORE, US [85] 1999-08-20 [86] 1998-02-18 (PCT/US98/02257) [87] 1998-08-27 (WO98/37096) [30] US (08/803,364) 1997-02-20 [30] US (09/024,198) 1998-02-17</p>
	<p style="text-align: right;">[21] <b>2,281,615</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 24/22</b> [25] FR [54] <b>PROCEDE DE REALISATION D'UN PLANCHER DE FILTRE POUR LE TRAITEMENT DES EAUX</b> [54] <b>METHOD FOR PRODUCING A FILTER BOTTOM FOR WATER TREATMENT</b> [72] PERRIN, DIDIER, FR [72] MOTTE, ALAIN, FR [71] DEGREMONT, FR [85] 1999-08-13 [86] 1998-01-27 (PCT/FR98/00146) [87] 1998-08-27 (WO98/36816) [30] FR (97/01963) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,281,618</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 28/02 6C04B 14/18 6C04B 14/20 6C04B 18/24 6C04B 24/30</b> [25] EN [54] <b>METHOD OF TREATING A LIGNOCELLULOSIC MATERIAL OR AN EXPANDED MINERAL TO FORM A FINISHED PRODUCT</b> [54] <b>PROCEDE DE TRAITEMENT D'UNE MATIERE LIGNOCELLULOSIQUE OU D'UN MINERAL EXPANSE POUR FORMER UN PRODUIT FINI</b> [72] SYMONS, MICHAEL WINDSOR, ZA [71] WINDSOR TECHNOLOGIES LIMITED, BH [85] 1999-08-17 [86] 1998-02-18 (PCT/GB98/00517) [87] 1998-08-27 (WO98/37032) [30] ZA (97/1359) 1997-02-18 [30] ZA (97/4873) 1997-06-03</p>

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[21] **2,281,619**  
[13] A1  
[51] **Int.Cl. 6B64D 29/08 6B64C 7/02 6E05C 19/06**  
[25] FR  
[54] **ENSEMBLE PROPULSEUR A CAPOTS DE SOUFFLANTE MUNIS DE SECURITES DE MAINTIEN ET DE POSITIONNEMENT, POUR AERONEF**  
[54] **AIRCRAFT PROPULSION UNIT WITH FAN COWLS EQUIPPED WITH MAINTAINING AND POSITIONING SAFETY ELEMENTS**  
[72] PORTE, ALAIN, FR  
[71] AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE, FR  
[85] 1999-08-13  
[86] 1998-12-14 (PCT/FR98/02718)  
[87] 1999-06-24 (WO99/30969)  
[30] FR (97/15930) 1997-12-16

[21] **2,281,620**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C07K 19/00 6A01K 67/027 6C12N 5/10 6A61K 38/17 6C07K 1/22 6C07K 16/28 6A61K 39/395 6C07K 16/46 6G01N 33/68 6C07K 14/71 6C12N 15/85**  
[25] EN  
[54] **NEURTURIN RECEPTOR**  
[54] **RECEPTEUR DE LA NEURTURINE**  
[72] ROSENTHAL, ARNON, US  
[72] HYNES, MARY A., US  
[72] KLEIN, ROBERT D., US  
[71] GENENTECH, INC., US  
[85] 1999-08-13  
[86] 1998-02-17 (PCT/US98/03179)  
[87] 1998-08-20 (WO98/36072)  
[30] US (08/802,805) 1997-02-18  
[30] US (08/871,913) 1997-06-09  
[30] US (08/957,063) 1997-10-24

[21] **2,281,621**  
[13] A1  
[51] **Int.Cl. 6F02D 41/14**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING AIR/FUEL RATIO USING IONIZATION MEASUREMENTS**  
[54] **APPAREIL ET PROCEDE DE REGULATION DU RAPPORT AIR/ CARBURANT AU MOYEN DE MESURES D'IONISATION**  
[72] VAN DYNE, EDWARD, US  
[71] ADRENALINE RESEARCH INC., US  
[85] 1999-08-17  
[86] 1998-02-20 (PCT/US98/03435)  
[87] 1998-08-27 (WO98/37322)  
[30] US (60/037,973) 1997-02-20  
[30] US (09/025,988) 1998-02-19

[21] **2,281,622**  
[13] A1  
[51] **Int.Cl. 6B60C 9/22 6B60C 9/20**  
[25] FR  
[54] **PNEUMATIQUE DE RAPPORT DE FORME H/S ? 0,6**  
[54] **TYRE WITH H/S FORM RATIO ? 0.6**  
[72] CLUZEL, GUY, FR  
[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[85] 1999-08-13  
[86] 1998-02-18 (PCT/EP98/00911)  
[87] 1998-08-27 (WO98/36920)  
[30] FR (97/02277) 1997-02-24

[21] **2,281,623**  
[13] A1  
[51] **Int.Cl. 6C07C 201/16 6C07C 303/44**  
[25] EN  
[54] **PROCESS FOR THE PURIFICATION OF SUBSTITUTED P-NITRODIPHENYLETHERS**  
[54] **PROCEDE DE PURIFICATION DES P-NITRODIPHENYLETHERS SUBSTITUES**  
[72] TAVANA, SEYED MEHDI, US  
[72] GOTT, BRIAN DAVID, GB  
[72] NADY, LOUIE AKOS, US  
[72] GRAY, THOMAS, GB  
[72] BROWN, STEPHEN MARTIN, GB  
[71] ZENECA LIMITED, GB  
[85] 1999-08-18  
[86] 1998-02-24 (PCT/GB98/00577)  
[87] 1998-09-17 (WO98/40347)  
[30] US (08/816,930) 1997-03-13

[21] **2,281,624**  
[13] A1  
[51] **Int.Cl. 6H05K 3/12 6B41F 15/08**  
[25] EN  
[54] **DUAL TRACK STENCILING SYSTEM WITH SOLDER GATHERING HEAD**  
[54] **SYSTEME DE MARQUAGE AU POCHOIR A DEUX VOIES AVEC TETE DE BRASAGE**  
[72] CHADWICK, LORING W., JR., US  
[72] HALL, STEVEN W., US  
[72] MARSZALKOWSKI, FRANK J., US  
[72] AMARAL, RICHARD F., US  
[72] DOYLE, DENNIS G., US  
[72] ENT, STEPHEN M., US  
[72] FREEMAN, GARY T., US  
[72] WEST, BRIAN D., US  
[72] SPATH, MICHAEL D., US  
[72] MOULD, DOUGLAS K., US  
[71] SPEEDLINE TECHNOLOGIES, INC., US  
[85] 1999-08-18  
[86] 1998-02-18 (PCT/US98/03121)  
[87] 1998-08-27 (WO98/37741)  
[30] US (08/802,934) 1997-02-19  
[30] US (08/920,121) 1997-08-26

[21] **2,281,625**  
[13] A1  
[51] **Int.Cl. 6A61M 25/10 6A61M 25/00**  
[25] FR  
[54] **CATHETER POUR CANAL CORPOREL**  
[54] **CATHETER FOR CORPOREAL DUCT**  
[72] BOUSSIGNAC, GEORGES, FR  
[71] BOUSSIGNAC, GEORGES, FR  
[85] 1999-08-17  
[86] 1999-01-21 (PCT/FR99/00117)  
[87] 1999-07-29 (WO99/37355)  
[30] FR (98 00652) 1998-01-22

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[21] **2,281,626**  
[13] A1

[51] **Int.Cl. 6D21F 3/08 6F16C 13/00 6D21G 1/02**  
[25] EN  
[54] **ARRANGEMENT IN A VARIABLE-CROWN ROLL PROVIDED WITH LOADING SHOES**  
[54] **DISPOSITIF EQUIPANT UN CYLINDRE A FLECHE VARIABLE POURVU DE SABOTS DE CONTRAINTE**  
[72] NIKULAINEN, OSMO, FI  
[71] VALMET CORPORATION, FI  
[85] 1999-08-18  
[86] 1998-02-26 (PCT/FI98/00176)  
[87] 1998-09-03 (WO98/38381)  
[30] FI (U970106) 1997-02-28

[21] **2,281,627**  
[13] A1

[51] **Int.Cl. 6G01B 9/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR LASER ULTRASONIC BOND INTEGRITY EVALUATION**  
[54] **SYSTEME ET PROCEDE D'EVALUATION D'INTEGRITE DE LIAISON PAR ULTRASONS AU LASER**  
[72] SIU, BERNARD, US  
[71] SIU, BERNARD, US  
[85] 1999-08-17  
[86] 1998-12-18 (PCT/US98/26872)  
[87] 1999-07-01 (WO99/32849)  
[30] US (60/068,362) 1997-12-19

[21] **2,281,628**  
[13] A1

[51] **Int.Cl. 6H01H 71/12 6H01H 71/16**  
[25] EN  
[54] **REVERSE DEFLECTION PREVENTION ARRANGEMENT FOR A BIMETAL IN A CIRCUIT BREAKER**  
[54] **DISPOSITIF DE PROTECTION CONTRE LE FLECHISSEMENT EN SENS INVERSE DESTINE A UN BILAME DANS UN DISJONCTEUR**  
[72] SCHILL, ARDEAN G., US  
[72] SIEBELS, RANDALL L., US  
[72] WEHR, EUGENE W., US  
[72] MICKELSON, SCOTT A., US  
[71] SQUARE D COMPANY, US  
[85] 1999-08-17  
[86] 1998-12-15 (PCT/US98/27170)  
[87] 1999-06-24 (WO99/31697)  
[30] US (08/992,978) 1997-12-18

[21] **2,281,629**  
[13] A1

[51] **Int.Cl. 6B65D 85/57**  
[25] EN  
[54] **MAGNETIC LOCKING MECHANISM FOR A SECURITY PACKAGE**  
[54] **MECANISME A VERROUILLAGE MAGNETIQUE POUR BOITIER DE SECURITE**  
[72] SEDON, NICHOLAS M., US  
[72] MCGILL, JAMES A., US  
[72] BELDEN, DENNIS D., JR., US  
[72] WILLIAMS, MATTHEW P., US  
[72] WEISBURN, JAMES T., US  
[71] ALPHA ENTERPRISES, INC., US  
[85] 1999-08-18  
[86] 1998-02-18 (PCT/US98/03046)  
[87] 1998-08-27 (WO98/36997)  
[30] US (60/038,629) 1997-02-19  
[30] US (08/857,964) 1997-05-16  
[30] US (UNKNOWN) 1998-02-17

[21] **2,281,630**  
[13] A1

[51] **Int.Cl. 6C07C 227/18 6C07C 229/22 6C07C 59/285 6C07C 51/41**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF STABLE, NON-HYGROSCOPIC SALTS OF L(-)CARNITINE AND ALKANOYL L(-)CARNITINES**  
[54] **PROCEDE POUR LA PREPARATION DE SELS NON HYGROSCOPIQUES STABLES DE L(-)CARNITINE ET D'ALCANOYLE L(-)CARNITINES**  
[72] FASSI, ALDO, IT  
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT  
[85] 1999-08-17  
[86] 1998-02-24 (PCT/EP98/01039)  
[87] 1998-09-03 (WO98/38157)  
[30] IT (MI97A000409) 1997-02-25

[21] **2,281,631**  
[13] A1

[51] **Int.Cl. 6A61F 2/40 6A61F 2/46**  
[25] FR  
[54] **EQUIPEMENT CHIRURGICAL POUR L'IMPLANTATION D'UNE PROTHESE TOTALE D'EPAULE, ET PROTHESE TOTALE D'EPAULE CONSTITUTIVE**  
[54] **SURGICAL EQUIPMENT FOR IMPLANTING A TOTAL SHOULDER PROSTHESIS, AND TOTAL SHOULDER PROSTHESIS CONSTITUTING SAME**  
[72] FLURIN, PIERRE, FR  
[72] LEONARD, ALAIN, FR  
[71] FLURIN, PIERRE, FR  
[71] LEONARD, ALAIN, FR  
[85] 1999-08-17  
[86] 1999-01-05 (PCT/FR99/00007)  
[87] 1999-07-15 (WO99/34756)  
[30] FR (98/00146) 1998-01-09

[21] **2,281,632**  
[13] A1

[51] **Int.Cl. 6C08F 8/00 6C08L 47/00 6C08L 83/05**  
[25] EN  
[54] **HYDROSILYLATION CROSS-LINKING OF THERMOPLASTIC ELASTOMER**  
[54] **RETICULATION PAR HYDROSILYLATION D'ELASTOMERE THERMOPLASTIQUE**  
[72] HAZELTON, RONALD L., US  
[72] MEDSKER, ROBERT E., US  
[72] GILBERTSON, GARY W., US  
[72] HAZELTON, DONALD R., US  
[72] ABDOU-SABET, SABET, US  
[72] RAVISHANKAR, PERIAGARAM S., US  
[72] SHEN, KUO-SHEIN, US  
[71] ADVANCED ELASTOMER SYSTEMS, L.P., US  
[71] EXXON CHEMICAL PATENTS, INC., US  
[85] 1999-08-17  
[86] 1998-02-25 (PCT/US98/03645)  
[87] 1998-09-03 (WO98/38226)  
[30] US (60/039,433) 1997-02-26

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[21] **2,281,633**  
[13] A1

[51] **Int.Cl. 6B65G 67/60**  
[25] EN  
[54] **BULK MATERIALS LOADING DEVICE**  
[54] **DISPOSITIF SERVANT A CHARGER DES MATERIAUX EN VRAC**  
[72] HUTH, ALAN, AU  
[71] GLADSTONE PORT AUTHORITY, AU  
[85] 1999-08-17  
[86] 1998-02-16 (PCT/AU98/00087)  
[87] 1998-08-20 (WO98/35897)  
[30] AU (PO 5119) 1997-02-17

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[21] **2,281,634**  
[13] A1

[51] **Int.Cl. 6B29C 49/78 6G05B 19/042 6B29C 49/28**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE MOULAGE PAR SOUFFLAGE**  
[54] **METHOD AND DEVICE FOR BLOW MOULDING**  
[72] GALLAY, JEAN, CH  
[72] PITTELOUD, CHRISTOPHE, CH  
[71] MAG-PLASTIC S.A., CH  
[85] 1999-08-17  
[86] 1998-02-16 (PCT/CH98/00056)  
[87] 1998-09-03 (WO98/38028)  
[30] CH (97/02696) 1997-02-25

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[21] **2,281,635**  
[13] A1

[51] **Int.Cl. 6C10L 1/18 6C10L 10/04 6C10L 1/14**  
[25] FR  
[54] **ADDITIF D'ONCTUOSITE POUR CARBURANT**  
[54] **ADDITIVE FOR FUEL OILINESS**  
[72] GERMANAUD, LAURENT, FR  
[72] MALDONADO, PAUL, FR  
[72] EBER, DANIELE, FR  
[71] ELF ANTAR FRANCE, FR  
[85] 1999-08-18  
[86] 1998-12-22 (PCT/FR98/02823)  
[87] 1999-07-08 (WO99/33938)  
[30] FR (97/16538) 1997-12-24  
[30] FR (98/03225) 1998-03-17

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[21] **2,281,636**  
[13] A1

[51] **Int.Cl. 6B67D 5/02**  
[25] EN  
[54] **SCRAPING ELEMENT, PISTON AND ARRANGEMENT FOR EMPTYING A BAG-LIKE ENVELOPE CONTAINING A PASTY LIQUID**  
[54] **ELEMENT DE RACLAGE, PISTON ET ENSEMBLE POUR VIDER UNE ENVELOPPE DE TYPE SACHET CONTENANT UN LIQUIDE PATEUX**  
[72] SANGA, JEAN-PIERRE, CH  
[72] LIARDON, OLIVIER, CH  
[71] SICPA HOLDING S.A., CH  
[85] 1999-08-17  
[86] 1998-02-13 (PCT/EP98/00833)  
[87] 1998-10-01 (WO98/42614)  
[30] EP (97810171.5) 1997-03-24

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[21] **2,281,637**  
[13] A1

[51] **Int.Cl. 6H02J 1/02 6H02M 3/28**  
[25] FR  
[54] **DISPOSITIF D'ALIMENTATION FAIBLE COUT D'UNE PLURALITE DE MODULES ELECTRONIQUES INSTALLES DANS UNE BAIE**  
[54] **LOW COST POWER SUPPLY DEVICE TO A PLURALITY OF ELECTRONIC MODULES INSTALLED IN A COMPARTMENT**  
[72] LOISE, DOMINIQUE, FR  
[72] BEDOUET, BERNARD, FR  
[72] SARDIER, PATRICK, FR  
[71] SEXTANT AVIONIQUE, FR  
[85] 1999-08-19  
[86] 1998-02-20 (PCT/FR98/00336)  
[87] 1998-09-03 (WO98/38719)  
[30] FR (97/02211) 1997-02-25

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[13] A1

[51] **Int.Cl. 6B01J 23/00 6C08K 3/10 6B01J 23/16 6C08K 3/18 6B32B 27/20 6C08K 3/22 6C08L 23/26 6B32B 5/28**  
[25] EN  
[54] **POLYMER COMPOSITES AND METHODS FOR MAKING AND USING SAME**  
[54] **COMPOSITES POLYMERES, LEURS PROCEDES DE FABRICATION ET D'UTILISATION**  
[72] VARGO, TERRENCE G., US  
[72] KOLOSKI, TIMOTHY S., US  
[71] INTEGUMENT TECHNOLOGIES, INC., US  
[85] 1999-08-17  
[86] 1998-02-23 (PCT/US98/03424)  
[87] 1998-09-03 (WO98/37964)  
[30] US (60/039,258) 1997-02-26  
[30] US (08/833,290) 1997-04-04  
[30] US (08/955,901) 1997-10-22  
[30] US (08/997,012) 1997-12-23

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[21] **2,281,639**  
[13] A1

[51] **Int.Cl. 6G06F 9/46**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR L'EXECUTION PAR UN PROCESSEUR UNIQUE DE PLUSIEURS FONCTIONS DE NIVEAUX DE CRITICITE DIFFERENTS, AVEC UNE GRANDE SECURITE DE FONCTIONNEMENT**  
[54] **METHOD AND DEVICE FOR EXECUTING BY A SINGLE PROCESSOR SEVERAL FUNCTIONS OF DIFFERENT CRITICALITY LEVELS, OPERATING WITH HIGH SECURITY**  
[72] VILLARD, ROBERT, FR  
[72] LE BORGNE, OLIVIER, FR  
[72] COLAS, GÉRARD, FR  
[71] SEXTANT AVIONIQUE, FR  
[85] 1999-08-19  
[86] 1998-02-20 (PCT/FR98/00337)  
[87] 1998-09-03 (WO98/38572)  
[30] FR (97/02212) 1997-02-25

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[13] A1

[51] **Int.Cl. 6C22C 21/12 6C22F 1/057 6C22C 21/16 6C22C 21/18**  
[25] EN  
[54] **VANADIUM-FREE ALUMINUM ALLOY SUITABLE FOR SHEET AND PLATE AEROSPACE PRODUCTS**  
[54] **ALLIAGE D'ALUMINIUM EXEMPT DE VANADIUM CONVENANT POUR DES PRODUITS A BASE DE FEUILLE OU DE TOLE DU DOMAINE AEROSPATIAL**  
[72] KARABIN, LYNNETTE M., US  
[71] ALUMINUM COMPANY OF AMERICA, US  
[85] 1999-08-19  
[86] 1997-03-07 (PCT/US97/03638)  
[87] 1998-09-11 (WO98/39494)

[21] **2,281,641**  
[13] A1

[51] **Int.Cl. 6A61K 7/00**  
[25] FR  
[54] **COMPOSITION DE COIFFAGE REMODELABLE**  
[54] **HAIRSTYLING COMPOSITION CAPABLE OF BEING REMODELLED**  
[72] DUPUIS, CHRISTINE, FR  
[72] SAMAIN, HENRI, FR  
[72] ROLLAT, ISABELLE, FR  
[71] L'ORÉAL, FR  
[85] 1999-08-19  
[86] 1998-03-02 (PCT/FR98/00403)  
[87] 1998-09-11 (WO98/38969)  
[30] FR (97/02558) 1997-03-04

[21] **2,281,642**  
[13] A1

[51] **Int.Cl. 6C07D 403/10 6C07D 401/14 6C07D 403/14 6C07D 405/14 6A61K 31/505**  
[25] EN  
[54] **SUBSTITUTED 2,4-DIAMINOPYRIMIDINES**  
[54] **2,4,-DIAMINOPYRIMIDINES SUBSTITUES**  
[72] JOLIDON, SYNESE, CH  
[72] WYSS, PIERRE-CHARLES, CH  
[72] HUBSCHWERLEN, CHRISTIAN, FR  
[72] SPECKLIN, JEAN-LUC, FR  
[72] GUERRY, PHILIPPE, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 1999-08-17  
[86] 1998-02-24 (PCT/EP98/01051)  
[87] 1998-09-11 (WO98/39328)  
[30] EP (97103436.8) 1997-03-03

[21] **2,281,643**  
[13] A1

[51] **Int.Cl. 6C08G 18/62 6C08G 18/70**  
[25] FR  
[54] **REVETEMENT POUR EXTERIEUR, COMPOSITION UTILE POUR CES REVETEMENTS ET PROCEDE D'OBTENTION DE CES REVETEMENTS**  
[54] **EXTERIOR COATING, COMPOSITION USED FOR SUCH COATINGS AND METHOD FOR OBTAINING SAME**  
[72] NABAVI, MINOU, FR  
[72] JEANNETTE, THIERRY, FR  
[72] FROUIN, LAURENT, FR  
[72] PRAT, EVELYNE, FR  
[71] RHODIA CHIMIE, FR  
[85] 1999-08-23  
[86] 1998-03-02 (PCT/FR98/00404)  
[87] 1998-09-03 (WO98/38231)  
[30] FR (FR 97 02408) 1997-02-28  
[30] FR (FR 97 08215) 1997-06-30

[21] **2,281,644**  
[13] A1

[51] **Int.Cl. 6G09B 19/04 6G09B 21/00 6G09B 5/06 6G09B 5/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRAINING OF SENSORY AND PERCEPTUAL SYSTEMS IN LLI SUBJECTS**  
[54] **PROCEDE ET APPAREIL D'ENTRAINEMENT DES SYSTEMES SENSORIEL ET PERCEPTIF CHEZ DES SUJETS PRESENTANT DES TROUBLES D'APPRENTISSAGE LINGUISTIQUE (LLI)**  
[72] PETERSON, BRET E., US  
[72] TALLAL, PAULA, US  
[72] MILLER, STEVEN L., US  
[72] MERZENICH, MICHAEL M., US  
[72] JENKINS, WILLIAM M., US  
[71] SCIENTIFIC LEARNING CORPORATION, US  
[85] 1999-08-17  
[86] 1998-12-14 (PCT/US98/26528)  
[87] 1999-06-24 (WO99/31640)  
[30] US (08/982,189) 1997-12-17

[21] **2,281,645**  
[13] A1

[51] **Int.Cl. 6G06F 17/21 6G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SEMIOTICALLY PROCESSING TEXT**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT ET DE RECUPERATION DE TEXTE**  
[72] VOGEL, CLAUDE, FR  
[71] SEMIO CORPORATION, US  
[85] 1999-08-17  
[86] 1998-02-18 (PCT/US98/02981)  
[87] 1998-09-03 (WO98/38560)  
[30] US (08/801,970) 1997-02-18

[21] **2,281,646**  
[13] A1

[51] **Int.Cl. 6A21C 1/14**  
[25] FR  
[54] **PETRIN POUR LA FABRICATION INDUSTRIELLE DE PATE POUR BOULANGERIE, VIENNOISERIE, PATISSERIE OU PATES SIMILAIRES**  
[54] **KNEADING TROUGH FOR THE INDUSTRIAL PRODUCTION OF DOUGH FOR BAKING BREAD, VIENNESE BAKERY PRODUCTS, PASTRY OR THE LIKE**  
[72] VOEGTLIN, RENÉ, FR  
[71] MECATHERM, FR  
[85] 1999-08-24  
[86] 1998-02-19 (PCT/FR98/00318)  
[87] 1998-09-03 (WO98/37766)  
[30] FR (97/02466) 1997-02-25

[21] **2,281,647**  
[13] A1

[51] **Int.Cl. 6G05D 7/01 6E02B 7/18**  
[25] EN  
[54] **DEVICE FOR CONTROLLING A LIQUID FLOW**  
[54] **DISPOSITIF DE REGULATION DE L'ÉCOULEMENT D'UN LIQUIDE**  
[72] BOUWKAMP, GERTJAN ROELOF, NL  
[71] BOUWKAMP, GERTJAN ROELOF, NL  
[85] 1999-08-17  
[86] 1998-02-23 (PCT/NL98/00106)  
[87] 1998-08-27 (WO98/37469)  
[30] NL (1005369) 1997-02-25

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<p style="text-align: right;">[21] <b>2,281,648</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/62 6C12N 15/00 6C12N 9/02 6A01K 67/027 6C12N 5/10 6C07K 14/435 6C07K 14/47 6G01N 33/50 6C07K 14/705</b></p> <p>[25] EN [54] <b>HYBRID MOLECULES FOR OPTICALLY DETECTING CHANGES IN CELLULAR MICROENVIRONMENTS</b> [54] <b>MOLECULES HYBRIDES POUR LA DETECTION OPTIQUE DES MODIFICATIONS DES MICRO-ENVIRONNEMENTS CELLULAIRES</b> [72] ROTHMAN, JAMES E., US [72] MIESENBOCK, GERO, US [72] DE ANGELIS, DINO A., US [71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US [85] 1999-08-12 [86] 1998-02-13 (PCT/US98/02774) [87] 1998-08-20 (WO98/36081) [30] US (60/038,179) 1997-02-13 [30] US (60/036,805) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,281,651</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60C 15/02</b></p> <p>[25] FR [54] <b>SIMPLIFICATION DU MONTAGE ET DU DEMONTAGE D'UN PNEUMATIQUE SUR ET HORS DE SA JANTE</b> [54] <b>SIMPLIFIED METHOD FOR MOUNTING A TYRE ON ITS RIM AND REMOVING IT THEREFROM</b> [72] DEAL, MICHEL, FR [71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN &amp; CIE, FR [85] 1999-08-12 [86] 1999-01-14 (PCT/EP99/00175) [87] 1999-07-29 (WO99/37491) [30] FR (98/00635) 1998-01-20</p>	<p style="text-align: right;">[21] <b>2,281,654</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/32 6B29C 65/02 6C08J 5/12 6B29C 65/48</b></p> <p>[25] EN [54] <b>MOLDED POLYOLEFIN AND PROCESS FOR PRODUCING THE SAME</b> [54] <b>POLYOLEFINES MOULEES ET LEUR PROCEDE DE PRODUCTION</b> [72] YAMAMOTO, SATORU, JP [72] NOGUCHI, KAZUHIRO, JP [72] NAKAMURA, MASANORI, JP [72] KARUKAYA, KOICHI, JP [71] SEKISUI CHEMICAL CO., LTD., JP [85] 1999-08-17 [86] 1998-02-23 (PCT/JP98/00713) [87] 1998-08-27 (WO98/36906) [30] JP (39091/1997) 1997-02-24</p>
<p style="text-align: right;">[21] <b>2,281,649</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 1/36 6B04B 5/04</b></p> <p>[25] EN [54] <b>SYSTEM AND METHOD FOR SEPARATION OF PARTICLES</b> [54] <b>SYSTEME ET PROCEDE DE SEPARATION DE PARTICULES</b> [72] GOODRICH, RAYMOND P., US [72] GREEN, TODD CURTIS, US [71] COBE LABORATORIES, INC., US [85] 1999-08-12 [86] 1999-01-19 (PCT/US99/00353) [87] 1999-07-22 (WO99/36111) [30] US (09/009,378) 1998-01-20</p>	<p style="text-align: right;">[21] <b>2,281,652</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 9/007</b></p> <p>[25] EN [54] <b>IMPLANTATION DEVICE WITH DEFORMABLE NOZZLE TIP FOR IMPLANTING A DEFORMABLE INTRAOCULAR LENS</b> [54] <b>APPAREIL D'IMPLANTATION MUNI D'UN EMBOUT DE Busette DEFORMABLE POUR IMplanTER UNE LENTILLE INTRAOCULAIRE DEFORMABLE</b> [72] FEINGOLD, VLADIMIR, US [72] EAGLES, DANIEL C., US [71] STAAR SURGICAL COMPANY, INC., US [85] 1999-08-17 [86] 1998-02-27 (PCT/IB98/00414) [87] 1998-09-03 (WO98/37830) [30] US (08/808,576) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,281,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/44</b></p> <p>[25] EN [54] <b>FLEXFOILS HAVING CONNECTOR TABS</b> [54] <b>FEUILLES FLEXIBLES A LANGUETTES DE CONNECTEURS</b> [72] ROBERTSSON, MATS, SE [72] HESSELBOM, HJALMAR, SE [72] ENGBERG, KRISTIAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-08-17 [86] 1998-02-18 (PCT/SE98/00287) [87] 1998-08-20 (WO98/36308) [30] SE (9700574-8) 1997-02-18</p>
<p style="text-align: right;">[21] <b>2,281,650</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/06</b></p> <p>[25] EN [54] <b>METHODS FOR IMPROVING THE HEALTH OF HAIR AND SCALP</b> [54] <b>METHODES PERMETTANT D'AMELIORER L'ETAT DU CHEVEU ET DU CUIR CHEVELU</b> [72] CAUWENBERGH, GERARD F., US [71] JOHNSON &amp; JOHNSON CONSUMER COMPANIES, INC., US [85] 1999-08-17 [86] 1998-12-10 (PCT/US98/26259) [87] 1999-06-24 (WO99/30675) [30] US (60/069,993) 1997-12-18</p>	<p style="text-align: right;">[21] <b>2,281,653</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/44</b></p> <p>[25] EN [54] <b>LAMINATION OF OPTICAL FIBER FLEXFOILS</b> [54] <b>LAMINAGE DE FEUILLES FLEXIBLES A FIBRES OPTIQUES</b> [72] HESSELBOM, HJALMAR, SE [72] ENGBERG, KRISTIAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-08-17 [86] 1998-02-18 (PCT/SE98/00286) [87] 1998-08-20 (WO98/36307) [30] SE (9700562-3) 1997-02-18</p>	

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[21] **2,281,656**  
[13] A1

[51] **Int.Cl. 6C08F 2/34 6B05B 7/04 6B01J 8/24 6B01J 19/26**  
[25] EN  
[54] **IMPROVED CONTROL OF SOLUTION CATALYST DROPLET SIZE WITH AN EFFERVESCENT SPRAY NOZZLE**  
[54] **REGLAGE AMELIORE DE LA TAILLE DES GOUTTELETTES D'UN CATALYSEUR EN SOLUTION PAR UNE BUSE DE VAPORISATION DE FLUIDE EFFERVESCENT**  
[72] RAMAMURTHY, ARAKALGUD VENKATAPATHIA, US  
[72] WILLIAMS, CLARK CURTIS, US  
[72] GOODE, MARK GREGORY, US  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[85] 1999-08-17  
[86] 1998-02-18 (PCT/US98/03124)  
[87] 1998-08-27 (WO98/37101)  
[30] US (08/802,231) 1997-02-19

[21] **2,281,657**  
[13] A1

[51] **Int.Cl. 6G02B 6/44**  
[25] EN  
[54] **APPLYING AN OPTICAL FIBER TO A SUBSTRATE**  
[54] **APPLICATION D'UNE FIBRE OPTIQUE SUR UN SUBSTRAT**  
[72] ENGBERG, KRISTIAN, SE  
[72] HESSELBOM, HJALMAR, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-08-17  
[86] 1998-02-18 (PCT/SE98/00285)  
[87] 1998-08-20 (WO98/36306)  
[30] SE (9700573-0) 1997-02-18

[21] **2,281,658**  
[13] A1

[51] **Int.Cl. 6C08J 7/12 6B01J 20/32 6C08F 8/42 6A61L 15/60**  
[25] EN  
[54] **SUPERABSORBANTS WITH CONTROLLED ABSORPTION SPEED**  
[54] **SUPERABSORBANTS A VITESSE D'ABSORPTION CONTROLEE**  
[72] MERTENS, RICHARD, DE  
[72] PFLUGER, KLAUS, DE  
[72] JONAS, GERD, DE  
[71] STOCKHAUSEN GMBH & CO. KG, DE  
[85] 1999-08-17  
[86] 1998-04-17 (PCT/EP98/02287)  
[87] 1998-10-29 (WO98/47951)  
[30] DE (197 16 657.1) 1997-04-21

[21] **2,281,659**  
[13] A1

[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/26**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REDUCING MULTICAST INTERFERENCE IN A DISTRIBUTED ANTENNA NETWORK**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE REDUIRE UNE INTERFERENCE MULTIDESTINATION DANS UN RESEAU D'ANTENNES REPARTIES**  
[72] MYERS, THOMAS C., JR., US  
[71] ERICSSON INC., US  
[85] 1999-08-17  
[86] 1998-02-12 (PCT/US98/02095)  
[87] 1998-08-20 (WO98/36601)  
[30] US (08/801,642) 1997-02-18

[21] **2,281,660**  
[13] A1

[51] **Int.Cl. 6G02F 1/1335**  
[25] EN  
[54] **ILLUMINATION PANEL AND DISPLAY DEVICE USING THE SAME**  
[54] **PANNEAU LUMINEUX ET DISPOSITIF D'AFFICHAGE UTILISANT CE PANNEAU**  
[72] HIGUCHI, MASARU, JP  
[72] MUTO, TETSUO, JP  
[72] FUJIWARA, MINORU, JP  
[72] DAIKU, YASUHIRO, JP  
[71] CASIO COMPUTER CO., LTD., JP  
[85] 1999-08-17  
[86] 1998-12-18 (PCT/JP98/05746)  
[87] 1999-07-01 (WO99/32922)  
[30] JP (9-353603) 1997-12-22  
[30] JP (10-093134) 1998-04-06  
[30] JP (10-206418) 1998-07-22

[21] **2,281,661**  
[13] A1

[51] **Int.Cl. 6B60G 11/12 6F16C 35/04 6F16C 35/067 6F16D 1/08**  
[25] EN  
[54] **ROLLER BUSHING ASSEMBLY**  
[54] **ENSEMBLE DOUILLE A ROULEMENT**  
[72] ZIERDEN, DEAN, US  
[72] LECLAIRE, JAMES P., US  
[71] HORTON, INC., US  
[85] 1999-08-23  
[86] 1998-02-23 (PCT/US98/03465)  
[87] 1998-08-27 (WO98/36922)  
[30] US (08/806,525) 1997-02-24

[21] **2,281,662**  
[13] A1

[51] **Int.Cl. 6C08K 5/10 6C08L 23/02 6C08K 5/17**  
[25] EN  
[54] **IMPROVED ANTIFOG COMPOSITION FOR POLYOLEFIN PACKAGING FILMS**  
[54] **COMPOSITION ANTIBUEE AMELIOREE POUR FILMS DE CONDITIONNEMENT EN POLYOLEFINES**  
[72] KNEALE, TIMOTHY MICHAEL, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-23  
[86] 1998-03-26 (PCT/US98/05902)  
[87] 1998-10-08 (WO98/44030)  
[30] US (60/041007) 1997-03-27  
[30] US (09/047599) 1998-03-25

[21] **2,281,663**  
[13] A1

[51] **Int.Cl. 6B01D 53/50 6B01D 53/79**  
[25] EN  
[54] **WET SCRUBBING SPRAY APPARATUS AND METHOD FOR REMOVING SULFUR OXIDES FROM COMBUSTION EFFLUENTS**  
[54] **APPAREIL DE PULVERISATION POUR EPURATION PAR VOIE HUMIDE ET PROCEDE D'ELIMINATION DES OXYDES DE SOUFRE CONTENUS DANS DES EFFLUENTS DE COMBUSTION**  
[72] DOUGHTY, JOSEPH V., US  
[71] ABB ENVIRONMENTAL SYSTEMS, DIV. OF ABB FLAKT, INC., US  
[85] 1999-08-17  
[86] 1998-02-26 (PCT/US98/04426)  
[87] 1998-09-03 (WO98/37947)  
[30] US (08/807,867) 1997-02-26

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[21] **2,281,664**  
[13] A1

[51] **Int.Cl. 6C07D 277/46 6C07D 285/12 6C07D 417/12 6C07D 239/42 6A61K 31/425 6A61K 31/44 6C07D 213/75**  
[25] EN  
[54] **REVERSE HYDROXAMATE DERIVATIVES AS METALLOPROTEASE INHIBITORS**  
[54] **DERIVES D'HYDROXAMATE UTILISES COMME INHIBITEURS DE METALLOPROTEASE**  
[72] McDOUGALD, DARRYL LYNN, US  
[72] RABINOWITZ, MICHAEL HOWARD, US  
[72] MUSSO, DAVID LEE, US  
[72] WIETHE, ROBERT WILLIAM, US  
[72] ANDERSEN, MARC W., US  
[72] STANFORD, JENNIFER BADIANG, US  
[72] BUBACZ, DULCE GARRIDO, US  
[72] CHAN, JOSEPH HOWING, US  
[72] GAUL, MICHAEL DAVID, US  
[72] COWAN, DAVID JOHN, US  
[72] ANDREWS, ROBERT CARL, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 1999-08-23  
[86] 1998-02-24 (PCT/EP98/01015)  
[87] 1998-09-03 (WO98/38179)  
[30] US (60.039112) 1997-02-26

[21] **2,281,665**  
[13] A1

[51] **Int.Cl. 6B29C 47/54 6B29D 7/00 6B29D 22/00 6B27N 3/04 6B28B 3/20 6B28B 3/24 6B27N 3/28**  
[25] EN  
[54] **CONTINUOUS EXTRUSION PROCESS USING ORGANIC WASTE MATERIALS**  
[54] **PROCEDE D'EXTRUSION EN CONTINU UTILISANT DES DECHETS ORGANIQUES**  
[72] PAGDEN, KENNETH LINDSAY, AU  
[71] RICEGROWERS' CO-OPERATIVE LIMITED, AU  
[85] 1999-08-17  
[86] 1998-02-11 (PCT/AU98/00077)  
[87] 1998-08-20 (WO98/35811)  
[30] AU (PO 5150) 1997-02-17  
[30] AU (50376/98) 1998-01-06

[21] **2,281,666**  
[13] A1

[51] **Int.Cl. 6A61N 1/30**  
[25] EN  
[54] **DEVICE STRUCTURE FOR IONTOPHORESIS**  
[54] **STRUCTURE DE DISPOSITIF POUR IONOPHORESE**  
[72] MORI, KENJI, JP  
[72] INOUE, KAZUTAKA, JP  
[72] HIGO, NARUHITO, JP  
[71] HISAMITSU PHARMACEUTICAL CO., INC., JP  
[85] 1999-08-17  
[86] 1998-01-26 (PCT/JP98/00323)  
[87] 1998-09-03 (WO98/37925)  
[30] JP (9/60051) 1997-02-26

[21] **2,281,667**  
[13] A1

[51] **Int.Cl. 6B61D 17/00**  
[25] EN  
[54] **RAILROAD HOPPER CAR UNDERFRAME TRANSITION CASTING**  
[54] **MOULAGE DE TRANSITION POUR CHASSIS DE WAGON-TREMIE**  
[72] DOWNES, JOHN R., US  
[72] MCCLURG, CARL D., US  
[71] BUCKEYE STEEL CASTINGS COMPANY, US  
[85] 1999-08-23  
[86] 1998-02-13 (PCT/US98/02680)  
[87] 1998-08-27 (WO98/36957)  
[30] US (08/805,997) 1997-02-24

[21] **2,281,668**  
[13] A1

[51] **Int.Cl. 6D21F 1/00**  
[25] EN  
[54] **PAPERMAKER'S FABRIC WITH AUXILIARY YARNS**  
[54] **TISSU POUR FABRICANT DE PAPIER COMPRENANT DES FIBRES AUXILIAIRES**  
[72] WILSON, ROBERT G., US  
[71] WEAVEXX CORPORATION, US  
[85] 1999-08-17  
[86] 1998-02-20 (PCT/US98/03384)  
[87] 1998-08-27 (WO98/37273)  
[30] US (08/804,138) 1997-02-20

[21] **2,281,669**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68 6C12N 15/85**  
[25] EN  
[54] **HUMAN SODIUM-DEPENDENT PHOSPHATE COTRANSPORTER**  
[54] **COTRANSPORTEUR DE PHOSPHATE HUMAIN DEPENDANT DU SODIUM**  
[72] BANDMAN, OLGA, US  
[72] LAL, PREETI, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 1999-08-23  
[86] 1998-02-24 (PCT/US98/03745)  
[87] 1998-08-27 (WO98/37198)  
[30] US (08/805,118) 1997-02-24

[21] **2,281,670**  
[13] A1

[51] **Int.Cl. 6B31B 1/26 6B65B 43/10 6B31B 1/36**  
[25] EN  
[54] **A METHOD AND A DEVICE FOR ERECTING AND FILLING A PACKAGE**  
[54] **PROCEDE ET DISPOSITIF SERVANT A ASSEMBLER ET A REMPLIR UN EMBALLAGE**  
[72] LUNDGREN, KJELL-AKE, SE  
[71] SPRINTER SYSTEM AB, SE  
[85] 1999-08-17  
[86] 1998-02-17 (PCT/SE98/00282)  
[87] 1998-08-20 (WO98/35824)  
[30] SE (9700555-7) 1997-02-17

[21] **2,281,671**  
[13] A1

[51] **Int.Cl. 6C09D 167/00 6B05D 7/00 6B29C 47/02**  
[25] EN  
[54] **ENHANCED ADHESION OF POLYESTER COATINGS**  
[54] **ADHERENCE AMELIOREE DE REVETEMENTS DE POLYESTER**  
[72] FOSTER, BRUCE WILLIAM, US  
[72] EDWARDS, RAY, US  
[72] FARNHAM, DIANE HINES, US  
[72] BEALL, WHITNEY KAY, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 1999-08-17  
[86] 1998-03-17 (PCT/US98/05214)  
[87] 1998-09-24 (WO98/41588)  
[30] US (60/041,417) 1997-03-19  
[30] US (09/038,245) 1998-03-11



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<p>[21] <b>2,281,672</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 11/00</b> [25] EN [54] <b>PROCESS AND APPARATUS FOR DOWNLOADING DATA FROM A SERVER COMPUTER TO A CLIENT COMPUTER</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE TELECHARGER DES DONNEES D'UN ORDINATEUR SERVEUR VERS UN ORDINATEUR CLIENT</b> [72] IOFFE, EDWARD, US [72] CASAGRANDE, STEVEN M., US [71] ETHOS SOFTWARE CORPORATION, US [85] 1999-08-23 [86] 1998-02-24 (PCT/US98/03534) [87] 1998-09-11 (WO98/39707) [30] US (08/804,902) 1997-02-24</p>	<p>[21] <b>2,281,674</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 5/10 6C12N 9/16 6A61K 38/17 6C12N 1/21 6A61K 39/395 6C12Q 1/42 6C12Q 1/44 6A61K 38/46 6C07K 14/47 6G01N 33/68 6A61K 31/70</b> [25] EN [54] <b>PARG, A GTPASE ACTIVATING PROTEIN WHICH INTERACTS WITH PTPL1</b> [54] <b>PARG, PROTEINE D'ACTIVATION DE GTPASE EXERCANT UNE INTERACTION AVEC PTPL1</b> [72] HELDIN, CARL-HENRIK, SE [72] GONEZ, LEONEL JORGE, AU [72] HELLMAN, ULF, SE [72] FRANZEN, PETRA, SE [72] ASPENSTROM, PONTUS, SE [72] SARAS, JAN, SE [71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US [85] 1999-08-23 [86] 1998-02-19 (PCT/US98/03323) [87] 1998-08-27 (WO98/37196) [30] US (08/805,583) 1997-02-25</p>	<p>[21] <b>2,281,676</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 13/00</b> [25] EN [54] <b>CHANNEL ESTIMATION DEVICE, AND CDMA RECEIVER AND CDMA TRANSMITTER/RECEIVER HAVING THE DEVICE</b> [54] <b>DISPOSITIF D'ESTIMATION DE VOIE, RECEPTEUR AMCR ET EMETTEUR/RECEPTEUR AMCR COMPRENANT LEDIT DISPOSITIF</b> [72] ABETA, SADAYUKI, JP [72] ADACHI, FUMIYUKI, JP [72] SAWAHASHI, MAMORU, JP [71] NTT MOBILE COMMUNICATIONS NETWORK INC., JP [85] 1999-08-17 [86] 1998-12-17 (PCT/JP98/05727) [87] 1999-06-24 (WO99/31835) [30] JP (349609/1997) 1997-12-18</p>
<p>[21] <b>2,281,673</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/28</b> [25] EN [54] <b>METHODS FOR ADMINISTERING NUTRITIONAL INDIUM</b> [54] <b>PROCEDES D'ADMINISTRATION D'INDIUM ALIMENTAIRE</b> [72] BONADIO, GEORGE A.H., US [71] BONADIO, GEORGE A.H., US [85] 1999-08-18 [86] 1998-02-12 (PCT/US98/03095) [87] 1998-08-20 (WO98/35669) [30] US (08/802,777) 1997-02-18</p>	<p>[21] <b>2,281,675</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05F 1/10 6G05F 5/00</b> [25] EN [54] <b>VOLTAGE REGULATOR CIRCUIT</b> [54] <b>CIRCUIT DE REGULATION DE TENSION</b> [72] FELDMAN, BERNARD, US [72] WOOD, GARY, US [71] ANTHONY, INC., US [85] 1999-08-23 [86] 1998-02-19 (PCT/US98/03327) [87] 1998-08-27 (WO98/37471) [30] US (08/804,882) 1997-02-24</p>	<p>[21] <b>2,281,677</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G11B 7/00</b> [25] EN [54] <b>METHODS AND APPARATUS FOR SYNCHRONOUSLY READING MULTIPLE TRACKS OF AN OPTICAL STORAGE MEDIUM USING MULTIPLE READING BEAMS</b> [54] <b>PROCEDE ET DISPOSITIF DE LECTURE SYNCHRONE DE PLUSIEURS PISTES D'UN MILIEU DE STOCKAGE OPTIQUE, A L'AIDE DE PLUSIEURS FAISCEAUX DE LECTURE</b> [72] ALON, AMIR, US [72] FINKELSTEIN, JACOB, US [71] ZEN RESEARCH N.V., AN [85] 1999-08-17 [86] 1998-02-20 (PCT/EP98/00983) [87] 1998-08-27 (WO98/37554) [30] US (08/804,105) 1997-02-20</p>
		<p>[21] <b>2,281,678</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02B 3/06</b> [25] EN [54] <b>BEACH RESTORATION STRUCTURE AND METHOD</b> [54] <b>STRUCTURE ET PROCEDE DE RESTRUCTURATION DU LITTORAL</b> [72] MARTIN, BYRON N., US [71] MARTIN, BYRON N., US [85] 1999-08-17 [86] 1998-02-25 (PCT/US98/03652) [87] 1998-09-11 (WO98/39518) [30] US (08/804,278) 1997-03-03</p>

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<p style="text-align: right;">[21] <b>2,281,679</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16J 15/34</b> [25] EN [54] <b>TEXTURED SEAL FOR REDUCED WEAR</b> [54] <b>GARNITURE MECANIQUE TEXTUREE PERMETTANT UNE REDUCTION DE L'USURE</b> [72] HART, DOUGLAS P., US [72] YEH, OSCAR C., US [72] AYALA, HUGO M., US [72] BOYCE, MARY C., US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 1999-08-23 [86] 1998-02-23 (PCT/US98/03508) [87] 1998-08-27 (WO98/37341) [30] US (08/806,266) 1997-02-24</p>	<p style="text-align: right;">[21] <b>2,281,682</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 13/04</b> [25] EN [54] <b>METHOD AND APPARATUS FOR MEASURING THE HEIGHT OF A SUBSTRATE IN A DISPENSING SYSTEM</b> [54] <b>PROCEDE ET APPAREIL POUR MESURER LA HAUTEUR D'UN SUBSTRAT DANS UN SYSTEME DE DISTRIBUTION</b> [72] CAVALLARO, WILLIAM, US [72] CARR, GREGORY L., US [71] SPEEDLINE TECHNOLOGIES, INC., US [85] 1999-08-17 [86] 1998-02-05 (PCT/US98/02102) [87] 1998-08-27 (WO98/37747) [30] US (08/803,994) 1997-02-21</p>	<p style="text-align: right;">[21] <b>2,281,684</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70 6A61K 9/127 6A61K 31/715 6A61K 31/725</b> [25] EN [54] <b>INHIBITION OF CELL-CELL BINDING BY LIPID ASSEMBLIES</b> [54] <b>INHIBITION DE LA LIAISON ENTRE CELLULES AU MOYEN D'ENSEMBLES LIPIDIQUES</b> [72] NAGY, JON O., US [72] BARGATZE, ROBERT F., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 1999-08-23 [86] 1998-02-27 (PCT/US98/03957) [87] 1998-09-03 (WO98/37902) [30] US (60/039,564) 1997-02-28 [30] US (09/032,377) 1998-02-27</p>
<p style="text-align: right;">[21] <b>2,281,680</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/46 6A61K 7/06 6A61K 7/32 6A61K 7/48</b> [25] EN [54] <b>SPRAY COMPOSITIONS</b> [54] <b>COMPOSITIONS DE SPRAYS</b> [72] TANNER, AMBER KATHLEEN, US [72] DUBOIS, ZERLINA GUZDAR, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-06 [86] 1998-02-13 (PCT/US98/02711) [87] 1998-08-20 (WO98/35650) [30] US (08/799,903) 1997-02-13</p>	<p style="text-align: right;">[21] <b>2,281,683</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B61L 27/00</b> [25] EN [54] <b>A SYSTEM AND METHOD FOR AUTOMATIC TRAIN OPERATION</b> [54] <b>DISPOSITIF ET PROCEDE SERVANT A ASSURER LE FONCTIONNEMENT AUTOMATIQUE D'UN TRAIN</b> [72] WHITFIELD, RUSSEL U., US [72] GUARINO, ANTHONY, US [72] MATHESON, WILLIAM L., US [72] BASTA, WAYNE, US [72] GIPSON, CHARLES F., US [72] PEEK, ERNEST L., US [72] FURTNEY, BARBARA S., US [72] FORD, FRED A., US [71] GE-HARRIS RAILWAY ELECTRONICS, L.L.C., US [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/02083) [87] 1998-08-13 (WO98/34825) [30] US (60/038,693) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,281,686</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 21/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR MEASURING VOLUME</b> [54] <b>PROCEDE ET APPAREIL POUR MESURER UN VOLUME</b> [72] CARR, GREGORY L., US [72] LIENHARD, JOHN, US [72] CAVALLARO, WILLIAM, US [71] SPEEDLINE TECHNOLOGIES, INC., US [85] 1999-08-17 [86] 1998-02-05 (PCT/US98/02105) [87] 1998-08-27 (WO98/37574) [30] US (08/803,913) 1997-02-21</p>
<p style="text-align: right;">[21] <b>2,281,681</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 6/00 6C08J 3/00 6C08G 69/08 6C08G 73/10</b> [25] EN [54] <b>CARPET RECYCLING PROCESS FOR NYLON CONTAINING CARPETING_</b> [54] <b>PROCEDE DE RECYCLAGE DE MOQUETTE POUR MOQUETTE CONTENANT DU NYLON</b> [72] STEFANDL, ROLAND E., US [71] STEFANDL, ROLAND E., US [85] 1999-08-17 [86] 1998-02-18 (PCT/US98/03214) [87] 1998-08-20 (WO98/35998) [30] US (08/802,202) 1997-02-18</p>		

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[21] **2,281,687**  
[13] A1

[51] **Int.Cl. 6G11B 7/14 6G11B 27/11 6G11B 27/36**  
[25] EN  
[54] **MULTIHEAD RECORDING AND RETRIEVAL APPARATUS AND PROCEDURE FOR USE WITH SELF-TIMING OPTICAL LATHE OR PRE-FORMATTED DISCS**  
[54] **EQUIPEMENT D'ENREGISTREMENT ET DE LECTURE A PLUSIEURS TETES ET PROCEDE D'UTILISATION AVEC UN TOUR OPTIQUE A AUTO-SYNCHRONISATION OU DES DISQUES PREFORMATES**  
[72] SMITH, GREGORY L., CA  
[72] DEWAR, STEPHEN W., CA  
[72] REGAZZO, RICCARDO, CA  
[72] WILTSHIRE, JOHN H. D., CA  
[71] PARALIGHT LASER TECHNOLOGIES INC., CA  
[85] 1999-08-03  
[86] 1997-02-03 (PCT/CA97/00069)  
[87] 1997-08-07 (WO97/28530)  
[30] GB (9602213.2) 1996-02-03

[21] **2,281,688**  
[13] A1

[51] **Int.Cl. 6C07D 405/04 6C07D 403/04 6C07D 413/04 6C07D 487/04 6C07D 513/04 6C07D 249/08 6C07D 251/16 6C07D 209/48 6A01N 43/52 6C07D 239/54 6A01N 43/54 6A01N 43/653 6A01N 43/66 6A01N 43/76**  
[25] EN  
[54] **CYCLOIMIDO-SUBSTITUTED BENZOFUSED HETEROCYCLIC HERBICIDES**  
[54] **HERBICIDES HETEROCYCLIQUES BENZOCONDENSES A SUBSTITUTION CYCLO-IMIDO**  
[72] DUGAN, BENJAMIN, US  
[72] THEODORIDIS, GEORGE, US  
[72] MARAVETZ, LESTER L., US  
[72] CRAWFORD, SCOTT D., US  
[71] FMC CORPORATION, US  
[85] 1999-08-23  
[86] 1998-02-25 (PCT/US98/03647)  
[87] 1998-09-03 (WO98/38188)  
[30] US (60/039,172) 1997-02-26  
[30] US (09/028,636) 1998-02-24

[21] **2,281,689**  
[13] A1

[51] **Int.Cl. 6B67D 1/00 6B67D 5/02**  
[25] EN  
[54] **DISPENSER HAVING REMOVABLE CONTAINER**  
[54] **DISTRIBUTEUR COMPORTANT UN RECIPIENT AMOVIBLE**  
[72] KAUFMAN, JOHN G., CA  
[71] KAUFMAN PRODUCTS INC., CA  
[85] 1999-08-02  
[86] 1998-01-02 (PCT/CA98/00004)  
[87] 1998-07-16 (WO98/30492)  
[30] US (08/779,317) 1997-01-06

[21] **2,281,690**  
[13] A1

[51] **Int.Cl. 6A61K 38/00**  
[25] EN  
[54] **METHOD FOR DESTROYING RETINAL PIGMENT EPITHELIAL CELLS**  
[54] **METHODE DE DESTRUCTION DE CELLULES EPITHELIALES PIGMENTAIRES RETINIENNES**  
[72] BRETTON, RANDOLPH H., US  
[71] BAUSCH & LOMB SURGICAL, INC., US  
[85] 1999-08-12  
[86] 1998-01-28 (PCT/US98/01408)  
[87] 1998-08-20 (WO98/35688)  
[30] US (60/037,994) 1997-02-13

[21] **2,281,691**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING DISABLED PHYSICAL DEVICES AND DELETING UNDELIVERABLE CELLS**  
[54] **PROCEDE ET APPAREIL POUR DETECTER DES PERIPHERIQUES PHYSIQUES INVALIDES ET SUPPRIMER DES CELLULES PERIMEES**  
[72] HOLDEN, BRIAN, US  
[72] ALLEYNE, BRIAN, US  
[72] BRAUN, DARREN, US  
[71] PMC-SIERRA (MARYLAND), INC., CA  
[85] 1999-05-07  
[86] 1997-11-07 (PCT/US97/20469)  
[87] 1998-05-14 (WO98/20652)  
[30] US (60/029,543) 1996-11-08  
[30] US (60/033,029) 1996-12-12

[21] **2,281,692**  
[13] A1

[51] **Int.Cl. 6B60C 5/14 6B29D 30/20**  
[25] EN  
[54] **PNEUMATIC TIRES AND METHOD OF MAKING**  
[54] **PNEUMATIQUES ET PROCEDE DE FABRICATION**  
[72] PACKBIER, ERIC, LU  
[72] SMITS, ATTE, LU  
[72] THISE, MARIE-RITA, BE  
[72] ROESGEN, ALAIN EMILE FRANCOIS, LU  
[72] CRAIG, DAVID, LU  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 1999-08-24  
[86] 1997-02-26 (PCT/US97/03025)  
[87] 1998-09-03 (WO98/38049)

[21] **2,281,693**  
[13] A1

[51] **Int.Cl. 6D21F 11/00**  
[25] EN  
[54] **PAPER STRUCTURES HAVING AT LEAST THREE REGIONS INCLUDING DECORATIVE INDICIA COMPRISING LOW BASIS WEIGHT REGIONS**  
[54] **STRUCTURES DE PAPIER CONSTITUEES D'AU MOINS TROIS ZONES COMPORTANT UNE MARQUE DECORATIVE INCLUANT DES ZONES A FAIBLE POIDS DE BASE**  
[72] PHAN, DEAN VAN PHAN, US  
[72] HOOPER, JANE ANN, US  
[72] TROKHAN, PAUL DENNIS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-08-12  
[86] 1998-02-20 (PCT/US98/03104)  
[87] 1998-08-27 (WO98/37274)  
[30] US (08/803,696) 1997-02-21  
[30] US (08/803,695) 1997-02-21

[21] **2,281,694**  
[13] A1

[51] **Int.Cl. 6F16F 1/38 6F16F 1/371**  
[25] EN  
[54] **REINFORCED ELASTOMERIC SPRING**  
[54] **RESSORT ELASTOMERE RENFORCE**  
[72] RANDELL, WILLIAM FRANCIS, GB  
[71] BTR INDUSTRIES LIMITED, GB  
[85] 1999-06-21  
[86] 1996-12-17 (PCT/GB96/03106)  
[87] 1998-06-25 (WO98/27360)

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[13] A1  
[51] **Int.Cl. 6C07D 277/34 6C07D 417/06 6C07D 417/10 6C07D 417/12 6C07D 417/14**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SUBSTITUTED THIAZOLIDINEDIONE**  
[54] **PROCEDE DE PREPARATION DE THIAZOLIOINEDIONE SUBSTITUEE**  
[72] LEWIS, NORMAN JOHN, GB  
[72] POOL, COLIN RIPLEY, GB  
[72] QUICK, JOHN KIRBY, GB  
[72] URQUHART, MICHAEL, GB  
[72] MOORE, STEPHEN, GB  
[72] GILES, ROBERT GORDON, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 1999-08-13  
[86] 1998-02-13 (PCT/EP98/00818)  
[87] 1998-08-27 (WO98/37073)  
[30] GB (9703310.4) 1997-02-18  
[30] GB (9703338.5) 1997-02-18  
[30] GB (9703334.4) 1997-02-18

[21] **2,281,696**  
[13] A1  
[51] **Int.Cl. 6G10L 9/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR RATE DETERMINATION IN A COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION DU TAUX DE RECONNAISSANCE DANS UN SYSTEME DE COMMUNICATION**  
[72] ASHLEY, JAMES P., US  
[71] MOTOROLA, INC., US  
[85] 1999-08-13  
[86] 1998-01-05 (PCT/US98/00130)  
[87] 1998-09-03 (WO98/38631)  
[30] US (08/806,949) 1997-02-26

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[13] A1  
[51] **Int.Cl. 6H01M 4/62 6H01M 4/66**  
[25] EN  
[54] **POLYIMIDE BATTERY**  
[54] **PILE EN POLYIMIDE**  
[72] ANTONUCCI, JOSEPH T., US  
[72] GUSTAFSON, SCOTT D., US  
[71] SKYLAB TECHNOLOGIES GROUP, INC., US  
[85] 1999-07-30  
[86] 1998-02-12 (PCT/US98/02591)  
[87] 1998-08-13 (WO98/35397)  
[30] US (08/798,847) 1997-02-12  
[30] US (09/021,027) 1998-02-09

[21] **2,281,698**  
[13] A1  
[51] **Int.Cl. 6E21B 41/00 6E21B 43/34**  
[25] EN  
[54] **REMOVING A WASTE COMPONENT FROM A HYDROCARBON FLUID**  
[54] **PROCEDE D'APPAUVRISEMENT EN DECHET D'UN FLUIDE D'HYDROCARBURES**  
[72] SCHILTE, PAUL DIRK, NL  
[72] SMEENK, ROBERT GERARD, NL  
[72] DASKOPOULOS, PHAIDON, NL  
[72] MOLLINGER, ALEXANDER MICHIEL, NL  
[72] VERBEEK, PAULUS HENRICUS JOANNES, NL  
[72] VERBRUGGEN, MARINUS HENDRICUS WILHELMUS, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 1999-08-13  
[86] 1998-03-13 (PCT/EP98/01765)  
[87] 1998-09-24 (WO98/41728)  
[30] EP (97200773.6) 1997-03-14

[21] **2,281,699**  
[13] A1  
[51] **Int.Cl. 6A61K 39/385 6A01N 63/00 6A61K 45/05 6C07K 14/435**  
[25] EN  
[54] **PREVENTION AND TREATMENT OF PRIMARY AND METASTATIC NEOPLASTIC DISEASES AND INFECTIOUS DISEASES WITH HEAT SHOCK/STRESS PROTEIN-PEPTIDE COMPLEXES**  
[54] **PREVENTION ET TRAITEMENT DES MALADIES NEOPLASIQUES PRIMAIRES ET METASTATIQUES ET DES MALADIES INFECTIEUSES PAR DES COMPLEXES DE PROTEINES DE CHOC THERMIQUE/PROTEINES DE STRESS-PEPTIDES**  
[72] CHANDAWARKAR, RAJIV Y., US  
[72] SRIVASTAVA, PRAMOD K., US  
[71] FORDHAM UNIVERSITY, US  
[85] 1999-08-06  
[86] 1998-02-03 (PCT/US98/02193)  
[87] 1998-08-13 (WO98/34641)  
[30] US (08/796,319) 1997-02-07

[21] **2,281,700**  
[13] A1  
[51] **Int.Cl. 6B22D 11/06**  
[25] EN  
[54] **HOW TO AVOID CONTACT BETWEEN OXYGEN AND MOLTEN METAL**  
[54] **PROCEDE POUR EVITER LE CONTACT ENTRE OXYGENE ET METAL EN FUSION**  
[72] TONELLI, RICCARDO, AU  
[72] CAPOTOSTI, ROMEO, AU  
[72] PELLISSETTI, STEFANO, AU  
[72] HOHENBICHLER, GERALD, AU  
[71] ACCIAI SPECIALI TERNI S.P.A., IT  
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT  
[85] 1999-08-13  
[86] 1998-02-12 (PCT/EP98/00787)  
[87] 1998-08-20 (WO98/35772)  
[30] IT (RM97A000078) 1997-02-14

[21] **2,281,701**  
[13] A1  
[51] **Int.Cl. 6G02B 26/08**  
[25] EN  
[54] **APPARATUS AND METHOD FOR OPTICAL SCANNING WITH AN OSCILLATORY MICROELECTROMECHANICAL SYSTEM**  
[54] **PROCEDE ET DISPOSITIF DE LECTURE OPTIQUE UTILISANT UN SYSTEME MICROELECTROMECHANIQUE OSCILLANT**  
[72] SOLGAARD, OLAV, US  
[72] LAU, KAM Y., US  
[72] MULLER, RICHARD S., US  
[72] KIANG, MENG-HSIUNG, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1999-08-06  
[86] 1998-01-13 (PCT/US98/00806)  
[87] 1998-08-13 (WO98/35258)  
[30] US (08/796,301) 1997-02-07

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[21] **2,281,702**  
[13] A1

[51] **Int.Cl. 6C07D 405/04 6C07D 493/10 6A61K 31/35**  
[25] EN  
[54] **(4-PIPERIDINYL)-1H-2-BENZOPYRAN DERIVATIVES USEFUL AS ANTIPSYCHOTIC AGENTS**  
[54] **DERIVES DE (4-PIPERIDINYL)-1H-2-BENZOPYRANE CONVENANT COMME ANTIPSYCHOTIQUES**  
[72] BORDEAU, KENNETH J., US  
[72] PAVLEK, SHELLEY L., US  
[72] STRUPCZEWSKI, JOSEPH T., US  
[71] HOECHST MARION ROUSSEL, INC., US  
[85] 1999-08-06  
[86] 1998-01-20 (PCT/US98/00979)  
[87] 1998-08-13 (WO98/34933)  
[30] US (08/797,107) 1997-02-07

[21] **2,281,703**  
[13] A1

[51] **Int.Cl. 6B22D 11/06**  
[25] EN  
[54] **HOW TO AVOID CONTACT BETWEEN OXYGEN AND MOLTEN METAL**  
[54] **PROCEDE POUR EVITER LE CONTACT ENTRE OXYGENE ET METAL EN FUSION**  
[72] CAPOTOSTI, ROMEO, AU  
[72] PELLISSETTI, STEFANO, AU  
[72] GUASTO, GIUSEPPE, AU  
[72] HOHENBICHLER, GERALD, AU  
[71] ACCIAI SPECIALI TERNI S.P.A., IT  
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT  
[85] 1999-08-13  
[86] 1998-02-12 (PCT/EP98/00788)  
[87] 1998-08-20 (WO98/35773)  
[30] IT (RM97A00082) 1997-02-14

[21] **2,281,704**  
[13] A1

[51] **Int.Cl. 6E05B 49/00**  
[25] EN  
[54] **DATA TRANSMISSION SYSTEM AND COMPONENTS THEREOF**  
[54] **SYSTEME DE TRANSMISSIONS DE DONNEES ET COMPOSANTS DE CELUI-CI**  
[72] GOLDMAN, ILAN, IL  
[71] GOLDMAN, ILAN, IL  
[85] 1999-08-18  
[86] 1998-03-04 (PCT/IL98/00105)  
[87] 1998-09-11 (WO98/39539)  
[30] IL (120393) 1997-03-07  
[30] IL (120957) 1997-05-30

[21] **2,281,705**  
[13] A1

[51] **Int.Cl. 6B65D 41/04**  
[25] EN  
[54] **PLASTIC SCREW TOP**  
[54] **FERMETURE A VIS EN MATIERE PLASTIQUE**  
[72] KRAUTKRÄMER, GUNTER, DE  
[71] BERICAP GMBH & CO. KG, DE  
[85] 1999-08-11  
[86] 1998-01-29 (PCT/DE98/00266)  
[87] 1998-08-20 (WO98/35881)  
[30] DE (197 05 717.9) 1997-02-14

[21] **2,281,706**  
[13] A1

[51] **Int.Cl. 6A61K 31/20 6A61K 31/14 6A61K 31/66**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR REDUCING THE INCIDENCE OF NECROTIZING ENTEROCOLITIS**  
[54] **PROCEDE ET COMPOSITIONS SERVANT A LIMITER LA FREQUENCE DE L'ENTEROCOLITE NECROSANTE DU NOUVEAU-NE**  
[72] DOHNALEK, MARGARET H., US  
[72] PONDER, DEBRA L., US  
[72] CARLSON, SUSAN E., US  
[72] DIODATO, DAVID V., US  
[72] MONTALTO, MICHAEL B., US  
[72] BORROR, DAVID A., US  
[72] BENSON, JOHN D., US  
[71] ABBOTT LABORATORIES, US  
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US  
[85] 1999-08-18  
[86] 1998-02-19 (PCT/US98/03235)  
[87] 1998-08-27 (WO98/36745)  
[30] US (08/804,700) 1997-02-21  
[30] US (08/825,314) 1997-03-28  
[30] US (08/943,576) 1997-10-03

[21] **2,281,707**  
[13] A1

[51] **Int.Cl. 6C09J 177/08 6C09J 123/00 6B32B 7/12 6B32B 27/32**  
[25] EN  
[54] **ADHESIVE RESIN COMPOSITION AND HEAT-SHRINKABLE ARTICLES MADE BY USING THE SAME**  
[54] **COMPOSITION DE RESINE ADHESIVE ET ARTICLES THERMORETRACTABLES REALISES AVEC CETTE COMPOSITION**  
[72] HAYAMI, HIROSHI, JP  
[72] MORIUCHI, KIYOAKI, JP  
[72] NISHIMURA, AKIRA, JP  
[72] NISHIKAWA, SHINYA, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 1999-08-13  
[86] 1999-01-08 (PCT/JP99/00054)  
[87] 1999-07-15 (WO99/35206)  
[30] JP (JP-10014725) 1998-01-12

[21] **2,281,708**  
[13] A1

[51] **Int.Cl. 6C07D 409/06**  
[25] EN  
[54] **PROCESS FOR PREPARING EPROSARTAN**  
[54] **PROCEDE DE PREPARATION DE L'EPROSARTAN**  
[72] LABAW, CLIFFORD S., US  
[72] LIU, LI, US  
[72] FLISAK, JOSEPH ROBERT, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 1999-08-13  
[86] 1998-02-13 (PCT/US98/02412)  
[87] 1998-08-20 (WO98/35963)  
[30] US (60/038,195) 1997-02-14

[21] **2,281,709**  
[13] A1

[51] **Int.Cl. 6C12Q 1/44 6C12Q 1/04 6C07F 9/572**  
[25] EN  
[54] **DETECTION OF MICROBIAL METABOLITES**  
[54] **DETECTION DE METABOLITES MICROBIENS**  
[72] SCHABERT, GUNTER, CH  
[72] HUMM, ROLAND, CH  
[72] SPITZ, URS P., CH  
[71] BIOSYNTH AG, CH  
[85] 1999-08-11  
[86] 1998-02-26 (PCT/EP98/01091)  
[87] 1998-09-03 (WO98/38332)  
[30] US (60/039,479) 1997-02-28

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<p style="text-align: right;">[21] <b>2,281,710</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/00</b> [25] EN [54] <b>PHYTOSTEROL COMPOSITION FOR PREVENTING ALZHEIMER'S DISEASE</b> [54] <b>PROCEDE POUR PREVENIR ET RETARDER L'APPARITION DE LA MALADIE D'ALZHEIMER, ET COMPOSITION UTILISEE A CET EFFET</b> [72] NOVAK, EGON, CA [71] FORBES MEDI-TECH INC., CA [85] 1999-08-18 [86] 1998-12-18 (PCT/CA98/01147) [87] 1999-07-01 (WO99/32097) [30] US (08/993,901) 1997-12-18</p>	<p style="text-align: right;">[21] <b>2,281,713</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 3/34 6B23K 37/04</b> [25] EN [54] <b>FINE PITCH COMPONENT PLACEMENT METHOD AND APPARATUS</b> [54] <b>POSITIONNEMENT DE COMPOSANTS ELECTRIQUES SELON DES PAS TRES FINS, ET PROCEDE ET APPAREIL ASSOCIES</b> [72] GORDON, THOMAS A., US [72] BENSUSSAN, BERNARD L., US [72] URBAN, PAUL LOUIS, US [71] COOPER INDUSTRIES, INC., US [85] 1999-08-12 [86] 1998-06-04 (PCT/US98/10926) [87] 1998-12-10 (WO98/56218) [30] US (08/869,357) 1997-06-05</p>	<p style="text-align: right;">[21] <b>2,281,716</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/56 6A61F 13/15</b> [25] EN [54] <b>DISPOSABLE ABSORBENT ARTICLE WITH FOLDED EAR PANELS AND METHOD OF MAKING SAME</b> [54] <b>ARTICLE ABSORBANT JETABLE AVEC RABATS LATERAUX REPLIES ET PROCEDE DE FABRICATION DE CET ARTICLE</b> [72] WEBER, JOSEF HEINZ, DE [72] HUBER, MICHAEL THOMAS, US [72] SCHAEFER, MARKUS ROBERT, DE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-12 [86] 1997-02-18 (PCT/US97/02096) [87] 1998-08-20 (WO98/35641)</p>
<p style="text-align: right;">[21] <b>2,281,711</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02J 13/00</b> [25] EN [54] <b>SYSTEM AND METHOD OF RADIO FREQUENCY CONTROL FOR AIRCRAFT ELECTRIC POWER DISTRIBUTION CONTACTORS</b> [54] <b>SYSTEME ET PROCEDE DE RADIOCOMMANDE POUR RELAIS DE DISTRIBUTION ELECTRIQUE D'AERONEFS</b> [72] BAKER, ROY S., US [71] SUNDSTRAND CORPORATION, US [85] 1999-08-12 [86] 1998-01-30 (PCT/US98/01839) [87] 1998-08-06 (WO98/34318) [30] US (08/792,500) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,281,714</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 88/14</b> [25] EN [54] <b>LOADING UNIT FOR AIR FREIGHT</b> [54] <b>MODULE DE CHARGEMENT POUR FRET AERIEN</b> [72] SLUITER, PIETER EGBERT, NL [71] KLM ROYAL DUTCH AIRLINES, NL [85] 1999-08-12 [86] 1998-02-12 (PCT/NL98/00091) [87] 1998-08-20 (WO98/35890) [30] NL (1005258) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,281,718</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04H 13/00</b> [25] EN [54] <b>TEAR RESISTANT POROUS EXTENSIBLE WEB</b> [54] <b>VOILE EXTENSIBLE, POREUX, RESISTANT AU DECHIREMENT</b> [72] MANSFIELD, MICHELE ANN, US [72] DOBRIN, GEORGE CHRISTOPHER, US [72] CURRO, JOHN JOSEPH, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-12 [86] 1998-02-18 (PCT/US98/03043) [87] 1998-08-27 (WO98/37266) [30] US (08/803,905) 1997-02-21 [30] US (08/816,106) 1997-03-14</p>
<p style="text-align: right;">[21] <b>2,281,712</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 5/00</b> [25] EN [54] <b>DYNAMIC TABLE/SHIELD APPARATUS AND METHOD OF USING SAME IN MOVING-TABLE TOTAL BODY IRRADIATION TREATMENT</b> [54] <b>APPAREIL A ECRAN DE BLINDAGE/TABLE DYNAMIQUE ET PROCEDE D'UTILISATION DE CET APPAREIL DANS UN TRAITEMENT D'IRRADIATION TOTALE DU CORPS A TABLE MOBILE</b> [72] PAPIEZ, LECH S., US [72] MONTEBELLO, JOSEPH F., US [71] ADVANCED RESEARCH &amp; TECHNOLOGY INSTITUTE, US [85] 1999-08-12 [86] 1998-04-24 (PCT/US98/07631) [87] 1998-11-05 (WO98/48898) [30] US (08/845,472) 1997-04-25</p>	<p style="text-align: right;">[21] <b>2,281,715</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 53/08</b> [25] EN [54] <b>TAPE FOR RESEALING A PACK OF FLEXIBLE ARTICLES</b> [54] <b>BANDE POUR LA REFERMETURE ETANCHE D'UN EMBALLAGE D'ARTICLES SOUPLES</b> [72] HILL, SIMON DAVID JULIAN, DE [72] RADTKE, THOMAS, DE [72] BITOWFT, BRUCE KEVIN, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-12 [86] 1998-02-18 (PCT/US98/03044) [87] 1998-09-03 (WO98/38105) [30] EP (97103322.0) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,281,719</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/30</b> [25] EN [54] <b>ADMINISTRATION AND UTILIZATION OF PRIVATE KEYS IN A NETWORKED ENVIRONMENT</b> [54] <b>ADMINISTRATION ET UTILISATION DE CLES PRIVEES DANS UN ENVIRONNEMENT RESEAU</b> [72] EPSTEIN, MICHAEL, NL [71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL [85] 1999-08-18 [86] 1998-12-14 (PCT/IB98/02031) [87] 1999-07-01 (WO99/33219) [30] US (09/994,878) 1997-12-19</p>

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[21] **2,281,720**  
[13] A1

[51] **Int.Cl. 6G02B 5/18**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR WRITING GRATINGS**  
[54] **PROCEDE ET DISPOSITIF SERVANT A CREER DES RESEAUX OPTIQUES**  
[72] STEPHENS, THOMAS DAVID, AU  
[72] BULMAN, JONATHAN MARK, AU  
[72] HAMMON, TIMOTHY EDWARD, AU  
[71] UNIPHASE FIBRE COMPONENTS PTY LIMITED, AU  
[71] TELSTRA R & D MANAGEMENT PTY LIMITED, AU  
[85] 1999-08-12  
[86] 1998-02-13 (PCT/AU98/00086)  
[87] 1998-08-20 (WO98/36296)  
[30] AU (PO 5126) 1997-02-14

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[21] **2,281,721**  
[13] A1

[51] **Int.Cl. 6C07D 401/06 6C07F 5/02 6C07D 471/04 6C07D 403/06 6C07D 401/12 6C07D 401/14 6C07D 405/14 6C07D 413/14 6A61K 31/50**  
[25] EN  
[54] **PHTHALAZINES WITH ANGIOGENESIS INHIBITING ACTIVITY**  
[54] **PHTHALAZINES A ACTIVITE INHIBITRICE DE L'ANGIOGENESE**  
[72] FREI, JORG, CH  
[72] ALTMANN, KARL-HEINZ, CH  
[72] METT, HELMUT, DE  
[72] WOOD, JEANETTE, CH  
[72] BOLD, GUIDO, CH  
[72] STOVER, DAVID RAYMOND, US  
[72] TRAXLER, PETER, CH  
[71] NOVARTIS AG, CH  
[85] 1999-08-12  
[86] 1998-02-11 (PCT/EP98/00764)  
[87] 1998-08-20 (WO98/35958)  
[30] CH (315/97) 1997-02-13

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[21] **2,281,722**  
[13] A1

[51] **Int.Cl. 6F01K 23/06 6F02C 7/18 6F02C 3/28**  
[25] EN  
[54] **COAL FUEL GAS TURBINE SYSTEM**  
[54] **SYSTEME DE TURBINE A GAZ A COMBUSTIBLE CHARBON**  
[72] CLOYD, SCOTT THORSTEN, US  
[72] BOHINSKY, BRIAN JOSEPH, US  
[72] PAPROTNA, HUBERTUS EDWARD, US  
[71] SIEMENS WESTINGHOUSE POWER CORPORATION, US  
[85] 1999-08-12  
[86] 1998-02-25 (PCT/US98/03700)  
[87] 1998-09-03 (WO98/38414)  
[30] US (08/807,353) 1997-02-27

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[21] **2,281,723**  
[13] A1

[51] **Int.Cl. 6B61D 17/04 6B62D 31/02 6B61D 17/08**  
[25] EN  
[54] **VEHICLE CELL**  
[54] **CELLULE DE VEHICULE**  
[72] SCHEID, PETER, DE  
[72] HOROSCHENKOFF, ALEXANDER, DE  
[72] SCHÄHL, WOLFGANG, DE  
[72] FRETWURST, THOMAS, DE  
[71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE  
[85] 1999-08-18  
[86] 1998-11-25 (PCT/EP98/07596)  
[87] 1999-07-01 (WO99/32341)  
[30] DE (197 57 204.9) 1997-12-22

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[21] **2,281,724**  
[13] A1

[51] **Int.Cl. 6G06F 19/00 6G06F 15/18**  
[25] EN  
[54] **MULTIPLE INTELLIGENT AGENTS HAVING VARIED DEGREES OF DOMAIN KNOWLEDGE**  
[54] **AGENTS INTELLIGENTS MULTIPLES POSSEDANT DES DEGRES VARIES DE CONNAISSANCES DU DOMAINE**  
[72] BIGUS, JOSEPH PHILLIP, US  
[72] DELP, HELEN ROXLO, US  
[72] CRAGUN, BRIAN JOHN, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 1999-08-12  
[86] 1998-03-12 (PCT/US98/04942)  
[87] 1998-10-01 (WO98/43190)  
[30] US (08/826,107) 1997-03-21

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[21] **2,281,725**  
[13] A1

[51] **Int.Cl. 6G06F 17/00**  
[25] EN  
[54] **KIOSK AND SERVER CONNECTED TO COMPUTER NETWORK**  
[54] **KIOSQUE ET SERVEUR CONNECTES A UN RESEAU INFORMATIQUE**  
[72] FUJISAKI, TETSUNOSUKE, US  
[72] CHEN, SHUANG, US  
[72] YOSHIDA, YOICHI, JP  
[72] KOBAYASHI, MAKOTO, JP  
[72] OHSHIMA, MITSURU, JP  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 1999-08-12  
[86] 1998-03-02 (PCT/GB98/00650)  
[87] 1998-09-17 (WO98/40826)  
[30] US (60/040,414) 1997-03-13  
[30] US (08/974,214) 1997-11-19  
[30] US (08/974,216) 1997-11-19

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[21] **2,281,726**  
[13] A1

[51] **Int.Cl. 6H04B 7/005**  
[25] EN  
[54] **COMPENSATING FOR FADING IN ANALOG AM RADIO SIGNALS**  
[54] **COMPENSATION DE L'AFFAIBLISSEMENT DE SIGNAUX RADIO MA ANALOGIQUES**  
[72] CHENNAKESHU, SANDEEP, US  
[72] RAMESH, RAJARAM, US  
[71] ERICSSON INC., US  
[85] 1999-08-12  
[86] 1998-02-17 (PCT/US98/02936)  
[87] 1998-08-27 (WO98/37644)  
[30] US (08/802,670) 1997-02-19

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,281,728</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B61F 5/14</b> [25] EN [54] <b>RAIL VEHICLE WITH COUPLING ELEMENT UNIT BETWEEN THE BODY OF THE WAGON AND THE CHASSIS</b> [54] <b>VEHICULE SUR RAILS AVEC UNITE A ELEMENTS D'ACCOUPLLEMENT ENTRE LA CAISSE ET LE CHASSIS</b> [72] SCHULLER, UWE, DE [72] HACHMANN, ULRICH, DE [72] BENKER, THOMAS, DE [71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE [85] 1999-08-18 [86] 1998-11-24 (PCT/EP98/07583) [87] 1999-08-19 (WO99/41126) [30] US (198 05 895.0) 1998-02-13</p>	<p style="text-align: right;">[21] <b>2,281,733</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 13/00</b> [25] EN [54] <b>RAKE RECEIVER FOR DIRECT SPREADING CDMA TRANSMISSION</b> [54] <b>RECEPTEUR RAKE POUR TRANSMISSION CDMA A ETALEMENT DIRECT</b> [72] SAWAHASHI, MAMORU, JP [72] FUKUMOTO, SATORU, JP [71] NTT MOBILE COMMUNICATIONS NETWORK INC., JP [85] 1999-08-20 [86] 1998-12-24 (PCT/JP98/05860) [87] 1999-07-08 (WO99/34546) [30] JP (355907/1997) 1997-12-24</p>	<p style="text-align: right;">[21] <b>2,281,738</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C12N 1/21 6C07K 14/47 6G01N 33/50 6C12Q 1/68 6A61K 31/70 6C12N 15/70 6C12N 15/86</b> [25] EN [54] <b>MODULATORS OF THE FUNCTION OF RECEPTORS OF THE TNF/NGF RECEPTOR FAMILY</b> [54] <b>MODULATEURS DE LA FONCTION DE RECEPTEURS DE LA FAMILLE DES RECEPTEURS DES FACTEURS TNF OU NGF</b> [72] KOVALENKO, ANDREI, IL [72] WALLACH, DAVID, IL [71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL [85] 1999-08-18 [86] 1998-03-19 (PCT/IL98/00125) [87] 1998-09-24 (WO98/41624) [30] IL (120485) 1997-03-19</p>
<p style="text-align: right;">[21] <b>2,281,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 3/66 6H04M 3/20</b> [25] EN [54] <b>ALTERNATE ROUTING FOR CALLS REQUIRING MONITORING</b> [54] <b>ACHEMINEMENT A DEVIATION POUR APPELS NECESSITANT UNE SURVEILLANCE</b> [72] JOENSUU, ERKKI, FI [72] VALENTINE, ERIC L., US [72] COYNE, MICHAEL, SE [72] PELTONEN, ARI, DE [71] ERICSSON INC., US [85] 1999-08-12 [86] 1998-02-17 (PCT/US98/02784) [87] 1998-08-27 (WO98/37712) [30] US (08/802,671) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,281,734</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 455/02</b> [25] EN [54] <b>PROCESS FOR PREPARATION OF 4H-4-OXO-QUINOLIZINE-3-CARBOXYLIC ACID DERIVATIVES</b> [54] <b>PROCEDE DE PREPARATION DE DERIVES DE L'ACIDE 4H-4-OXO-QUINOLIZINE-3-CARBOXYLIQUE</b> [72] CHU, DANIEL T., US [72] WANG, WEI-BO, US [72] KERDESKY, FRANCIS A. J., US [72] LI-QUN, US [72] HSIAO, CHI-NUNG W., US [71] ABBOTT LABORATORIES, US [85] 1999-08-18 [86] 1998-02-06 (PCT/US98/02327) [87] 1998-09-03 (WO98/38191) [30] US (08/806,806) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,281,741</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 5/00 6A61C 5/04</b> [25] EN [54] <b>POLYMERIZABLE ISOLATION BARRIERS AND METHODS FOR FORMING AND USING SUCH BARRIERS</b> [54] <b>BARRIERE D'ISOLATION POLYMERISABLE ET SON PROCEDE D'UTILISATION</b> [72] FISCHER, DAN E., US [72] JENSEN, STEVEN D., US [71] ULTRADENT PRODUCTS, INC., US [85] 1999-08-18 [86] 1997-12-15 (PCT/US97/22602) [87] 1998-08-27 (WO98/36700) [30] US (08/802,674) 1997-02-19</p>
<p style="text-align: right;">[21] <b>2,281,730</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/36 6B24B 19/00 6B24B 1/04</b> [25] EN [54] <b>OPTICAL PART AND METHOD AND DEVICE FOR POLISHING END FACE OF THE SAME</b> [54] <b>PIECES OPTIQUES ET PROCEDE ET DISPOSITIF DE POLISSAGE DE LEUR SURFACE D'EXTREMITÉ</b> [72] SUZUKI, KENJI, JP [72] XU, JIE, JP [71] THE FURUKAWA ELECTRIC CO., LTD., JP [85] 1999-08-12 [86] 1998-12-15 (PCT/JP98/05650) [87] 1999-06-24 (WO99/31538) [30] JP (9-363427) 1997-12-16</p>	<p style="text-align: right;">[21] <b>2,281,736</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A46B 5/00</b> [25] EN [54] <b>TOOTHBRUSH</b> [54] <b>BROSSE A DENTS</b> [72] KRAMER, HANS, DE [71] SMITHKLINE BEECHAM CONSUMER HEALTHCARE GMBH, DE [85] 1999-08-20 [86] 1998-02-17 (PCT/EP98/00955) [87] 1998-09-03 (WO98/37788) [30] EP (97301184.4) 1997-02-24</p>	



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[21] **2,281,742**  
[13] A1

[51] **Int.Cl. 6A61M 16/00**  
[25] EN  
[54] **VENTILATOR BREATH DISPLAY AND GRAPHIC USER INTERFACE**  
[54] **AFFICHAGE DU CYCLE RESPIRATOIRE D'UN RESPIRATEUR ET INTERFACE GRAPHIQUE UTILISATEUR**  
[72] BUTTERBRODT, JAY, US  
[72] WALLACE, CHARLES L., US  
[72] FERGUSON, HOWARD L., US  
[72] SANBORN, WARREN G., US  
[72] ARNETT, DAVID, US  
[71] NELLCOR PURITAN BENNETT INCORPORATED, US  
[85] 1999-08-18  
[86] 1998-02-24 (PCT/US98/03770)  
[87] 1998-09-24 (WO98/41271)  
[30] US (08/818,807) 1997-03-14

[21] **2,281,743**  
[13] A1

[51] **Int.Cl. 6B67D 1/07 6B67D 3/00**  
[25] EN  
[54] **DRINKING WATER DISPENSER WITH STERILIZATION MEANS**  
[54] **DISTRIBUTEUR D'EAU POTABLE AVEC DISPOSITIF DE STERILISATION**  
[72] KUNISAKI, SHINICHI, JP  
[72] NISHIKAWA, KENJI, JP  
[72] YAMASHITA, TOMOHIRO, JP  
[71] SUNTORY LIMITED, JP  
[71] FUJI ELECTRIC CO., LTD., JP  
[85] 1999-08-18  
[86] 1998-12-25 (PCT/JP98/05892)  
[87] 1999-07-08 (WO99/33745)  
[30] JP (9/358667) 1997-12-26

[21] **2,281,744**  
[13] A1

[51] **Int.Cl. 6A61K 7/00**  
[25] EN  
[54] **EMULSIFIER COMPOSITION FOR SKIN CARE FORMULATIONS**  
[54] **COMPOSITION EMULSIFIANTE POUR FORMULATIONS DE SOIN DE LA PEAU**  
[72] REREK, MARK, US  
[72] DAHMS, GERHARD, DE  
[72] ZUCKER, ELLIOTT, US  
[71] ISP INVESTMENTS INC., US  
[85] 1999-08-18  
[86] 1998-03-19 (PCT/US98/05406)  
[87] 1998-11-12 (WO98/50001)  
[30] US (08/854,016) 1997-05-08

[21] **2,281,745**  
[13] A1

[51] **Int.Cl. 6C08G 69/04 6C08G 69/10**  
[25] EN  
[54] **METHOD FOR CARRYING OUT POLYCONDENSATION REACTIONS**  
[54] **PROCEDE POUR REALISER DES REACTIONS DE POLYCONDENSATION**  
[72] GROTH, TORSTEN, DE  
[72] WEINSCHENCK, JORGEN, DE  
[72] LIESENFELDER, ULRICH, DE  
[72] JOENTGEN, WINFRIED, DE  
[72] MENZEL, THOMAS, DE  
[72] WAGNER, PAUL, DE  
[72] DOBERT, FRANK, DE  
[72] HEISE, KLAUS-PETER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1999-08-18  
[86] 1998-02-10 (PCT/EP98/00740)  
[87] 1998-08-27 (WO98/37123)  
[30] DE (197 06 901.0) 1997-02-21

[21] **2,281,746**  
[13] A1

[51] **Int.Cl. 6G10L 3/00**  
[25] EN  
[54] **SPEECH ANALYSIS SYSTEM**  
[54] **SYSTEME D'ANALYSE DE LA PAROLE**  
[72] SERIES, ROBERT WILLIAM, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT, GB  
[85] 1999-08-18  
[86] 1998-02-26 (PCT/GB98/00615)  
[87] 1998-10-01 (WO98/43238)  
[30] GB (9706174.1) 1997-03-25  
[30] GB (9714345.7) 1997-07-09

[21] **2,281,748**  
[13] A1

[51] **Int.Cl. 6C21B 13/14**  
[25] EN  
[54] **DIRECTLY CHARGING DEVICE FOR DIRECTLY CHARGING REDUCED FINE IRON ORE INTO MELTER-GASIFIER**  
[54] **DISPOSITIF DESTINE A CHARGER DIRECTEMENT DU MINERAL DE FER FIN REDUIT DANS UN FOUR DE FUSION-GASEIFICATEUR**  
[72] SHIN, MYOUNG KYUN, KR  
[72] JOO, SANG HOON, KR  
[71] POHANG IRON & STEEL CO., LTD., KR  
[71] RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, KR  
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT  
[85] 1999-08-18  
[86] 1998-12-18 (PCT/KR98/00437)  
[87] 1999-07-01 (WO99/32667)  
[30] KR (1997/71701) 1997-12-22

[21] **2,281,749**  
[13] A1

[51] **Int.Cl. 6C09K 3/10 6B65D 41/04**  
[25] EN  
[54] **CONTAINER CLOSURE HAVING AN IMPROVED SEALING LINER**  
[54] **CAPSULE DE CONTENANT MUNIE D'UN JOINT D'ETANCHEITE**  
[72] KIRK, ALLEN GREGG, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-18  
[86] 1998-03-17 (PCT/US98/05093)  
[87] 1998-09-24 (WO98/41593)  
[30] US (60/041,075) 1997-03-18

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[13] A1  
[51] **Int.Cl. 6C08G 63/60 6C09D 163/00 6C09D 167/00 6C08G 59/12**  
[25] EN  
[54] **OUTDOOR DURABLE COATING COMPOSITIONS AND ACID FUNCTIONAL POLYESTER RESINS AND POLYGLYCIDYL ESTERS THEREOF USABLE THEREFOR**  
[54] **COMPOSITIONS DE REVETEMENT POUR L'EXTERIEUR, DURABLES, ET RESINES POLYESTER FONCTIONNELLES ET POLYGLYCIDYLESTERS DE CELLES-CI, UTILISABLES DANS CES COMPOSITIONS**  
[72] VAN GAALEN, RONALD PETRUS CLEMENS, NL  
[72] FRERIKS, JAN, NL  
[72] KOOIJMANS, PETRUS GERARDUS, NL  
[72] HTICHINGS, GREGORY JOHN, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 1999-08-18  
[86] 1998-02-20 (PCT/EP98/01121)  
[87] 1998-08-27 (WO98/37119)  
[30] EP (97200520.1) 1997-02-21  
[30] EP (97305105.5) 1997-07-10

[21] **2,281,752**  
[13] A1  
[51] **Int.Cl. 6H04L 12/28 6H04L 29/06**  
[25] EN  
[54] **INTELLIGENT COMMUNICATION SERVER AND COMMUNICATION SYSTEM INCORPORATING SAME**  
[54] **SERVEUR DE COMMUNICATION INTELLIGENT ET SYSTEME DE COMMUNICATION LE COMPORTANT**  
[72] MILUTINOVIC, SRDJAN, CA  
[72] COVELEY, MICHAEL, CA  
[71] MILUTINOVIC, SRDJAN, CA  
[71] COVELEY, MICHAEL, CA  
[85] 1999-08-17  
[86] 1998-12-18 (PCT/CA98/01146)  
[87] 1999-07-01 (WO99/33226)

[21] **2,281,755**  
[13] A1  
[51] **Int.Cl. 6A61K 31/55 6A61K 9/06 6A61K 31/27**  
[25] EN  
[54] **TOPICAL PHARMACEUTICAL COMPOSITION COMPRISING A CHOLINERGIC AGENT OR A CALCIUM CHANNEL BLOCKER**  
[54] **COMPOSITION PHARMACEUTIQUE A USAGE LOCAL CONTENANT UN AGENT CHOLINERGIQUE OU UN INHIBITEUR CALCIQUE**  
[72] PHILLIPS, ROBIN KENNETH STEWART, GB  
[72] KAMM, MICHAEL ALBERT, GB  
[71] PHILLIPS, ROBIN KENNETH STEWART, GB  
[71] KAMM, MICHAEL ALBERT, GB  
[85] 1999-08-23  
[86] 1998-02-23 (PCT/GB98/00575)  
[87] 1998-08-27 (WO98/36733)  
[30] GB (9703750.1) 1997-02-24  
[30] GB (9727238.9) 1997-12-23

[21] **2,281,756**  
[13] A1  
[51] **Int.Cl. 6C07C 67/04 6C07C 27/02 6C07C 33/03 6C07C 69/63**  
[25] EN  
[54] **METHODS FOR PREPARING PRENYL ALCOHOL**  
[54] **METHODES DE PREPARATION D'ALCOOL PRENYLIQUE**  
[72] BABLER, JAMES H., US  
[71] LOYOLA UNIVERSITY OF CHICAGO, US  
[85] 1999-08-20  
[86] 1998-01-08 (PCT/US98/00256)  
[87] 1998-09-17 (WO98/40345)  
[30] US (08/814,472) 1997-03-10

[21] **2,281,757**  
[13] A1  
[51] **Int.Cl. 6G09B 5/08**  
[25] EN  
[54] **REMOTE COMPUTER-ASSISTED COMPLIANCE MONITORING SYSTEM**  
[54] **SYSTEME ASSISTE PAR ORDINATEUR DE SURVEILLANCE A DISTANCE DE L'ADAPTABILITE**  
[72] MILLER, STEVEN L., US  
[72] TALLAL, PAULA, US  
[72] MERZENICH, MICHAEL M., US  
[72] JENKINS, WILLIAM M., US  
[72] PETERSON, BRET E., US  
[71] SCIENTIFIC LEARNING CORP., US  
[85] 1999-08-20  
[86] 1998-12-21 (PCT/US98/27325)  
[87] 1999-07-01 (WO99/33041)  
[30] US (08/995,964) 1997-12-22

[21] **2,281,758**  
[13] A1  
[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **AUGMENTATION AND REPAIR OF DERMAL, SUBCUTANEOUS, AND VOCAL CORD TISSUE DEFECTS**  
[54] **AUGMENTATION OU REPARATION D'ANOMALIES DES TISSUS CUTANES, SOUS-CUTANES OU DES CORDES VOCALES**  
[72] KLEINSEK, DON A., US  
[71] GERIGENE MEDICAL CORPORATION, US  
[85] 1999-08-20  
[86] 1998-02-20 (PCT/US98/03439)  
[87] 1998-09-17 (WO98/40027)  
[30] US (60/037,961) 1997-02-20  
[30] US (09/003,328) 1998-01-06

[21] **2,281,759**  
[13] A1  
[51] **Int.Cl. 6E21B 12/06**  
[25] EN  
[54] **IMPROVED AUGER CLEANERS**  
[54] **OUTILS PERFECTIONNES DE NETTOYAGE DE TARIERES**  
[72] ENGLAND, MELVIN GERRARD, GB  
[71] KVAERNER CEMENTATION FOUNDATIONS LIMITED, GB  
[85] 1999-08-20  
[86] 1998-12-23 (PCT/GB98/03891)  
[87] 1999-07-08 (WO99/34086)  
[30] GB (9727273.6) 1997-12-24

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[13] A1  
[51] **Int.Cl. 6C01G 49/00 6C01G 45/02 6C01G 49/14**  
[25] EN  
[54] **TREATMENT OF A SOLUTION CONTAINING IRON SALTS**  
[54] **TRAITEMENT D'UNE SOLUTION CONTENANT DES SELS DE FER**  
[72] NOBLE, BRIAN CAMERON, GB  
[71] TIOXIDE GROUP SERVICES LIMITED, GB  
[85] 1999-08-20  
[86] 1998-02-18 (PCT/GB98/00504)  
[87] 1998-08-27 (WO98/37022)  
[30] EP (9703662.8) 1997-02-21

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[21] **2,281,761**  
[13] A1  
[51] **Int.Cl. 6H01J 61/44 6C09K 11/59 6C09K 11/64 6C09K 11/78 6C09K 11/80 6C09K 11/81**  
[25] EN  
[54] **SIGNALLING LAMP AND LUMINESCENT MATERIAL**  
[54] **LAMPE DE SIGNALISATION ET SUBSTANCES LUMINESCENTES POUR CELLE-CI**  
[72] ZACHAU, MARTIN, DE  
[72] MULLER, ULRICH, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE  
[85] 1999-08-20  
[86] 1998-12-11 (PCT/EP98/08107)  
[87] 1999-07-08 (WO99/34403)  
[30] EP (97122800.2) 1997-12-23

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[21] **2,281,762**  
[13] A1  
[51] **Int.Cl. 6F41H 11/16 6E02F 3/36**  
[25] EN  
[54] **LAND MINE EXPLODING APPARATUS AND METHOD**  
[54] **APPAREIL SERVANT A FAIRE EXPLOSER DES MINES TERRESTRES ET PROCEDE CORRESPONDANT**  
[72] AMEMIYA, KIYOSHI, JP  
[71] YAMANASHI HITACHI CONSTRUCTION MACHINERY CO., LTD., JP  
[85] 1999-08-20  
[86] 1998-12-21 (PCT/JP98/05769)  
[87] 1999-07-08 (WO99/34164)  
[30] JP (9/356829) 1997-12-25  
[30] JP (10-305099) 1998-10-27

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[21] **2,281,763**  
[13] A1  
[51] **Int.Cl. 6H01L 21/316 6H01L 21/3205**  
[25] EN  
[54] **STRONTIUM BISMUTH NIOBATE TANTALATE FERROELECTRIC THIN FILM**  
[54] **COUCHE MINCE FERROELECTRIQUE AU STRONTIUM BISMUTH NIOBATE TANTALATE**  
[72] CUCIARO, JOSEPH D., US  
[72] PAZ DE ARAUJO, CARLOS A., US  
[72] MCMILLAN, LARRY D., US  
[72] SOLAYAPPAN, NARAYAN, US  
[71] SYMETRIX CORPORATION, US  
[85] 1999-08-20  
[86] 1998-02-04 (PCT/US98/02008)  
[87] 1998-09-11 (WO98/39800)  
[30] US (08/810,190) 1997-03-03

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[21] **2,281,764**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6B01J 19/00**  
[25] EN  
[54] **GENE SEQUENCER AND METHODS**  
[54] **SEQUENCEUR DE GENES ET PROCEDES**  
[72] VIRTANEN, JORMA, US  
[71] BURSTEIN LABORATORIES, INC, US  
[85] 1999-08-20  
[86] 1998-02-20 (PCT/US98/03362)  
[87] 1998-08-27 (WO98/37238)  
[30] US (60/039,027) 1997-02-21

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[21] **2,281,765**  
[13] A1  
[51] **Int.Cl. 6B64F 1/305**  
[25] EN  
[54] **BOARDING BRIDGE FOR COMMUTER TYPE AIRCRAFT OR THE LIKE**  
[54] **PASSERELLE D'EMBARQUEMENT PASSAGERS POUR AERONEF-NAVETTE OU ANALOGUE**  
[72] PELL, RICHARD A., US  
[72] FAFARD, LUC, CA  
[71] ACCESSAIR SYSTEMS INC., CA  
[85] 1999-08-23  
[86] 1998-02-24 (PCT/CA98/00143)  
[87] 1998-09-03 (WO98/38090)  
[30] US (60/038,257) 1997-02-24

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[21] **2,281,766**  
[13] A1  
[51] **Int.Cl. 6E04B 1/32 6B64C 1/00**  
[25] EN  
[54] **A TUBULAR FRAME**  
[54] **BATI TUBULAIRE**  
[72] HOLDEN, LAURENCE, GB  
[71] HOLDEN, LAURENCE, GB  
[85] 1999-08-16  
[86] 1997-02-17 (PCT/GB97/00434)  
[87] 1997-08-21 (WO97/30236)  
[30] GB (9603476.4) 1996-02-19

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[21] **2,281,767**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **HANDOVER IN A MOBILE COMMUNICATION SYSTEM**  
[54] **TRANSFERT ENTRE CELLULES DANS UN SYSTEME DE COMMUNICATION MOBILE**  
[72] VAINIKKA, JARI, FI  
[72] KANERVA, MIKKO, FI  
[72] AALTO, RISTO, FI  
[72] RÄSÄNEN, JUHA, FI  
[71] NOKIA TELECOMMUNICATIONS OY, FI  
[85] 1999-08-16  
[86] 1998-02-11 (PCT/FI98/00123)  
[87] 1998-08-27 (WO98/37719)  
[30] FI (970683) 1997-02-18

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,281,768</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>CELLULAR RADIO ACCESS NETWORK AND LOCATION UPDATING IN A CORDLESS COMMUNICATIONS SYSTEM</b> [54] <b>RESEAU CELLULAIRE D'ACCES RADIO ET D'ACTUALISATION DES POSITIONS DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL</b> [72] HUUSKO, SAMI, FI [72] LINDHOLM, HEIKKI, FI [72] EINOLA, HEIKKI, FI [72] TIMONEN, JUHA, FI [72] LAHTINEN, LAURI, FI [72] NUMMINEN, RAILI, FI [72] SODERBACKA, LAURI, FI [72] HUOTARI, SEPPO, FI [72] BÄCK, JUHA, FI [71] NOKIA TELECOMMUNICATIONS OY, FI [85] 1999-08-16 [86] 1998-02-17 (PCT/FI98/00144) [87] 1998-08-27 (WO98/37721) [30] FI (970705) 1997-02-19 [30] FI (980351) 1998-02-16</p>	<p style="text-align: right;">[21] <b>2,281,770</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23L 1/00</b> [25] EN [54] <b>THE PRODUCT AND METHOD OF MAKING EDIBLE PAPER</b> [54] <b>DECORATION D'ALIMENTS</b> [72] BEN-MATITYAHU, RUTH, IL [72] ELIYAHU, TALLY, IL [71] U-GRAFIX LTD., IL [85] 1999-08-16 [86] 1998-02-16 (PCT/IL98/00078) [87] 1998-08-20 (WO98/35568) [30] IL (IL120226) 1997-02-16</p>	<p style="text-align: right;">[21] <b>2,281,776</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01S 3/10</b> [25] EN [54] <b>STABILIZED DFB LASER</b> [54] <b>LASER A RETROACTION REPARTIE, STABILISE</b> [72] PALMER, JAMES R., US [71] SYNCOMM INC., US [85] 1999-08-16 [86] 1998-02-24 (PCT/US98/03579) [87] 1998-09-11 (WO98/39826) [30] US (08/811,207) 1997-03-05</p>
<p style="text-align: right;">[21] <b>2,281,769</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/92 6C12Q 1/60</b> [25] EN [54] <b>METHOD FOR IDENTIFYING CHOLESTEROL IN THE SKIN TISSUE</b> [54] <b>METHODE DE MISE EN EVIDENCE DE LA CHOLESTERINE DANS LES TISSUS CUTANES</b> [72] LOPUKHIN, YURY MICHAELOVICH, RU [72] PARFENOV, ALEXANDR SERGEIVICH, RU [71] IMI INTERNATIONAL MEDICAL INNOVATIONS INC., CA [85] 1999-08-16 [86] 1998-01-26 (PCT/RU98/00010) [87] 1998-08-27 (WO98/37424) [30] RU (97102570) 1997-02-20</p>	<p style="text-align: right;">[21] <b>2,281,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 255/00 6B32B 33/00 6C09D 5/00 6B32B 17/06 6B32B 15/08</b> [25] EN [54] <b>IMINODIACETONITRILE MIRROR BACK COATING CORROSION INHIBITOR</b> [54] <b>INHIBITEUR DE CORROSION APPLIQUE AU DOS D'UN MIROIR SOUS FORME DE REVETEMENT CONTENANT IMINODIACETONITRILE</b> [72] SANFORD, TIMOTHY J., US [71] LILLY INDUSTRIES (USA), INC., US [85] 1999-08-16 [86] 1998-02-03 (PCT/US98/01950) [87] 1998-12-03 (WO98/54127) [30] US (08/863,219) 1997-05-27</p>	<p style="text-align: right;">[21] <b>2,281,777</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21F 1/00</b> [25] EN [54] <b>MODIFIED SPIRAL SEAM ARRANGEMENT</b> [54] <b>DISPOSITIF DE COUTURE HELICOIDAL MODIFIE</b> [72] HOLDEN, DAVID, GB [71] SCAPA GROUP PLC, GB [85] 1999-08-16 [86] 1998-02-18 (PCT/GB98/00361) [87] 1998-08-27 (WO98/37272) [30] GB (9703297.3) 1997-02-18</p>
<p style="text-align: right;">[21] <b>2,281,773</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 3/00 6C30B 29/34</b> [25] EN [54] <b>MULTIAUTOCLAVE FOR COMBINATORIAL SYNTHESIS OF ZEOLITES AND OTHER MATERIALS</b> [54] <b>AUTOCLAVE MULTIPLE POUR LA SYNTHESE COMBINATOIRE DE ZEOLITES ET AUTRES MATERIAUX</b> [72] WENDELBO, RUNE, NO [72] AKPORIAYE, DUNCAN E., NO [72] KARLSSON, ARNE, NO [72] DAHL, IVAR MARTIN, NO [71] SINVENT AS, NO [85] 1999-08-16 [86] 1998-02-20 (PCT/NO98/00051) [87] 1998-08-27 (WO98/36826) [30] NO (970788) 1997-02-20</p>	<p style="text-align: right;">[21] <b>2,281,778</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 11/06</b> [25] EN [54] <b>RETROFITTABLE APPARATUS FOR CONVERTING A SUBSTANTIALLY PLANAR SURFACE INTO AN ELECTRONIC DATA CAPTURE DEVICE</b> [54] <b>APPAREIL RATRAPABLE POUR LA CONVERSION D'UNE SURFACE SENSIBLEMENT PLANE EN UN DISPOSITIF ELECTRONIQUE DE SAISIE DE DONNEES</b> [72] HOLTZMAN, RAFI, US [71] ELECTRONICS FOR IMAGING, INC., US [85] 1999-08-16 [86] 1998-02-20 (PCT/US98/03434) [87] 1998-08-27 (WO98/37508) [30] US (08/804,491) 1997-02-21</p>	<p style="text-align: right;">[21] <b>2,281,778</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 11/06</b> [25] EN [54] <b>RETROFITTABLE APPARATUS FOR CONVERTING A SUBSTANTIALLY PLANAR SURFACE INTO AN ELECTRONIC DATA CAPTURE DEVICE</b> [54] <b>APPAREIL RATRAPABLE POUR LA CONVERSION D'UNE SURFACE SENSIBLEMENT PLANE EN UN DISPOSITIF ELECTRONIQUE DE SAISIE DE DONNEES</b> [72] HOLTZMAN, RAFI, US [71] ELECTRONICS FOR IMAGING, INC., US [85] 1999-08-16 [86] 1998-02-20 (PCT/US98/03434) [87] 1998-08-27 (WO98/37508) [30] US (08/804,491) 1997-02-21</p>

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[21] **2,281,780**  
[13] A1  
[51] **Int.Cl. 6B65G 47/49 6G07B 15/00 6G06K 17/00**  
[25] EN  
[54] **IC CARD SYSTEM, TRANSPORTATION SYSTEM, AND COMMUNICATION EQUIPMENT**  
[54] **SYSTEME DE CARTES A CIRCUIT INTEGRE, SYSTEME DE TRANSPORT, ET EQUIPEMENTS DE TRANSMISSION**  
[72] OKADA, HIROHARU, JP  
[71] ROHM CO., LTD., JP  
[85] 1999-08-16  
[86] 1998-01-30 (PCT/JP98/00415)  
[87] 1998-09-03 (WO98/38120)  
[30] JP (9-041756) 1997-02-26

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[21] **2,281,781**  
[13] A1  
[51] **Int.Cl. 6A61F 9/007**  
[25] EN  
[54] **SCLERO-CERATECTOMY IMPLANT FOR DESCHEMET'S MEMBRANE**  
[54] **IMPLANT DE SCLERO-KERATECTOMIE PRE-DESCHEMETIQUE**  
[72] JALLET, VALÉRIE, FR  
[72] SOURDILLE, PHILIPPE, FR  
[72] VILLAIN, FRANCK, FR  
[72] BOS, GILLES, FR  
[71] CORNEAL INDUSTRIE, FR  
[85] 1999-08-16  
[86] 1998-02-16 (PCT/FR98/00292)  
[87] 1998-08-20 (WO98/35640)  
[30] FR (97 01800) 1997-02-17

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[21] **2,281,782**  
[13] A1  
[51] **Int.Cl. 6B05B 12/14**  
[25] EN  
[54] **A PLANT FOR AUTOMATIC SPRAY APPLICATION OF PAINT**  
[54] **INSTALLATION POUR LA PULVERISATION AUTOMATIQUE DE PEINTURE**  
[72] SUNDE, ALF, NO  
[71] ABB FLEXIBLE AUTOMATION A/S, NO  
[85] 1999-08-16  
[86] 1998-02-16 (PCT/IB98/00182)  
[87] 1998-08-27 (WO98/36848)  
[30] SE (9700628-2) 1997-02-24

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[21] **2,281,783**  
[13] A1  
[51] **Int.Cl. 6B60Q 1/26**  
[25] EN  
[54] **WARNING SYSTEM FOR VEHICLES**  
[54] **SYSTEME DE DETRESSE POUR VEHICULES**  
[72] GREENBERG, BERT, US  
[72] SCHRENK, DAVID, US  
[72] BOSER, RONALD, US  
[72] FARINOLA, VITO, US  
[71] HORN WARNING SYSTEMS, CORP., US  
[85] 1999-08-16  
[86] 1998-03-11 (PCT/US98/04853)  
[87] 1998-09-17 (WO98/40240)  
[30] US (08/816,055) 1997-03-11

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[21] **2,281,784**  
[13] A1  
[51] **Int.Cl. 6C11D 3/08 6C11D 17/00 6C11D 1/14 6C11D 1/72**  
[25] EN  
[54] **TRANSPARENT LIQUID DETERGENT CONTAINING SODIUM SILICATE**  
[54] **DETERGENT LIQUIDE TRANSPARENT CONTENANT DU SILICATE DE SODIUM**  
[72] UNO, TSUTOMU, JP  
[72] UNO, MINORU, JP  
[72] UNO, HISASHI, JP  
[71] UNO SHOYU CO., LTD., JP  
[85] 1999-08-16  
[86] 1998-12-17 (PCT/JP98/05724)  
[87] 1999-06-24 (WO99/31210)  
[30] JP (9/349459) 1997-12-18

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[21] **2,281,785**  
[13] A1  
[51] **Int.Cl. 6C11D 3/08 6C11D 17/00 6C11D 1/14 6C11D 1/22 6C11D 1/72**  
[25] EN  
[54] **TRANSPARENT LIQUID DETERGENT CONTAINING ALKYL BENZENESULFONATE ANIONIC SURFACTANT AND SODIUM SILICATE**  
[54] **DETERGENT LIQUIDE TRANSPARENT CONTENANT UN TENSIOACTIF ANIONIQUE A L'ALKYL BENZENESULFONATE ET DU SILICATE DE SODIUM**  
[72] UNO, MINORU, JP  
[72] UNO, TSUTOMU, JP  
[72] UNO, HISASHI, JP  
[71] UNO SHOYU CO., LTD., JP  
[85] 1999-08-16  
[86] 1998-12-17 (PCT/JP98/05723)  
[87] 1999-06-24 (WO99/31209)  
[30] JP (9/349458) 1997-12-18

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[21] **2,281,786**  
[13] A1  
[51] **Int.Cl. 6F15B 1/24**  
[25] EN  
[54] **PRESSURE ACCUMULATOR**  
[54] **ACCUMULATEUR HYDRAULIQUE**  
[72] MÄKYNEN, PEKKA, FI  
[72] MÄKYNEN, RAIMO, FI  
[71] HYDROLL OY, US  
[85] 1999-08-16  
[86] 1998-02-16 (PCT/FI98/00140)  
[87] 1998-08-20 (WO98/36174)  
[30] FI (970621) 1997-02-14

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,281,787</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 5/18 6G03F 7/00</b> [25] EN [54] <b>PHASE MASK WITH SPATIALLY VARIABLE DIFFRACTION EFFICIENCY</b> [54] <b>MASQUE DE PHASE PRESENTANT UNE EFFICACITE DE DIFFRACTION VARIABLE DANS L'ESPACE</b> [72] XU, ZHIHONG, CA [72] POIRIER, Michel, CA [72] EHBETS, PETER, CH [72] CAPOLLA, NADIA, CA [71] INSTITUT NATIONAL D'OPTIQUE, CA [71] LASIRIS INC., CA [85] 1999-08-16 [86] 1998-02-11 (PCT/CA98/00112) [87] 1998-08-20 (WO98/36297) [30] CA (2,197,706) 1997-02-14</p>	<p style="text-align: center;">[21] <b>2,281,789</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 45/06 6A61K 31/09 6A61K 31/135 6A61K 31/195 6A61K 31/245 6A61K 31/35 6A61K 31/38 6A61K 31/415 6A61K 31/44 6A61K 31/445 6A61K 31/47 6A61K 31/55 6A61K 31/57 6A61K 31/58 6A61K 31/615</b> [25] EN [54] <b>TOPICAL NASAL ANTIINFLAMMATORY COMPOSITIONS</b> [54] <b>COMPOSITIONS ANTIINFLAMMATOIRES POUR APPLICATION NASALE TOPIQUE</b> [72] SEGAL, CATHERINE A., US [71] WARNER-LAMBERT COMPANY, US [85] 1999-08-16 [86] 1998-04-02 (PCT/US98/06483) [87] 1998-11-05 (WO98/48839) [30] US (60/044,306) 1997-04-30</p>	<p style="text-align: center;">[21] <b>2,281,791</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 41/00</b> [25] EN [54] <b>WASTE COMPONENT REMOVAL FROM CRUDE OIL OR GAS</b> [54] <b>PROCEDE D'APPAUVRISEMENT EN DECHETS DU PETROLE BRUT OU DU GAZ</b> [72] MOLLINGER, ALEXANDER MICHIEL, NL [72] SCHILTE, PAUL DIRK, NL [72] VERBEEK, PAULUS HENRICUS JOANNES, NL [72] DASKOPOULOS, PHAIDON, NL [72] SMEENK, ROBERT GERARD, NL [72] VERBRUGGEN, MARINUS HENDRICUS WILHELMUS, NL [71] SHELL CANADA LIMITED, CA [85] 1999-08-16 [86] 1998-03-12 (PCT/EP98/01574) [87] 1998-09-24 (WO98/41727) [30] EP (97200772.8) 1997-03-14</p>
<p style="text-align: center;">[21] <b>2,281,788</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 21/316 6H01L 21/336 6C23C 16/40 6H01L 29/786</b> [25] EN [54] <b>METHOD OF PRODUCING SILICON OXIDE FILM, METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE, SEMICONDUCTOR DEVICE, DISPLAY, AND INFRARED IRRADIATING DEVICE</b> [54] <b>PROCEDE POUR PRODUIRE UN FILM D'OXYDE DE SILICIUM, PROCEDE POUR FABRIQUER UN DISPOSITIF A SEMI-CONDUCTEURS, DISPOSITIF A SEMI-CONDUCTEURS, AFFICHAGE ET DISPOSITIF DE RAYONNEMENT INFRAROUGE</b> [72] MIYASAKA, MITSUTOSHI, JP [72] SAKAMOTO, TAKAO, JP [71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP [71] SEIKO EPSON CORPORATION, JP [85] 1999-08-16 [86] 1998-12-25 (PCT/JP98/05991) [87] 1999-07-08 (WO99/34431) [30] JP (9-361567) 1997-12-26</p>	<p style="text-align: center;">[21] <b>2,281,790</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G11B 7/14 6G11B 20/10</b> [25] EN [54] <b>METHODS AND APPARATUS FOR CONCURRENTLY PROCESSING DATA FROM MULTIPLE TRACKS OF AN OPTICAL STORAGE MEDIUM</b> [54] <b>PROCEDES ET DISPOSITIF DE TRAITEMENT SIMULTANE DE DONNEES LUES A PARTIR DE PLUSIEURS PISTES D'UN MILIEU DE STOCKAGE OPTIQUE</b> [72] ALON, AMIR, US [72] NAOR, MICHAEL, IL [72] FINKELSTEIN, JACOB, IL [71] ZEN RESEARCH N.V., AN [85] 1999-08-16 [86] 1998-02-20 (PCT/EP98/00984) [87] 1998-08-27 (WO98/37555) [30] US (08/804,105) 1997-02-20 [30] US (09/013,864) 1998-01-27</p>	<p style="text-align: center;">[21] <b>2,281,792</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/28 6G01N 33/68 6C07K 14/705</b> [25] FR [54] <b>CANAL CATIONIQUE NEURONAL DE MAMMIFERE SENSIBLE A L'ACIDITE, SON CLONAGE ET SES APPLICATIONS</b> [54] <b>MAMMAL NEURONAL ACID SENSING CATIONIC CHANNEL, CLONING AND APPLICATIONS THEREOF</b> [72] BASSILANA, FRÉDÉRIC, FR [72] WALDMANN, RAINER, FR [72] CHAMPIGNY, GUY (deceased), FR [72] LINGUEGLIA, ERIC, FR [72] LAZDUNSKI, MICHEL, FR [72] HEURTEAUX, CATHERINE, FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR [85] 1999-08-10 [86] 1998-02-11 (PCT/FR98/00270) [87] 1998-08-13 (WO98/35034) [30] FR (97/01574) 1997-02-11 [30] FR (97/09587) 1997-07-28</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,281,793</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/70</b> [25] EN [54] <b>NUCLEIC ACID BASED DETECTION OF CYTOMEGALOVIRUS</b> [54] <b>OLIGONUCLEOTIDES POUVANT ETRE UTILISES DANS L'AMPLIFICATION ET LA DETECTION DE L'ACIDE NUCLEIQUE DE CYTOMEGALOVIRUS (CMV)</b> [72] SILLEKENS, PETER THEODORUS GERARDUS, NL [72] TIMMERMANS, EVELINE CATHARINA ANNA CLASINA, NL [71] AKZO NOBEL N.V., NL [85] 1999-08-12 [86] 1998-02-25 (PCT/EP98/01280) [87] 1998-09-03 (WO98/38339) [30] EP (97200623.3) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,281,796</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 41/08</b> [25] EN [54] <b>THREADED DEVICE TO BE APPLIED ON UNTHREADED BOTTLE'S NECK</b> [54] <b>DISPOSITIF FILETE A MONTER SUR DES GOULOTS DE BOUTEILLE NON FILETES</b> [72] RUBINI, RINO, IT [71] RUBINI, RINO, IT [85] 1999-08-16 [86] 1998-01-17 (PCT/IB98/00068) [87] 1998-08-27 (WO98/36984) [30] IT (BO97A000071) 1997-02-18 [30] IT (BO98A000009) 1998-01-15</p>	<p style="text-align: right;">[21] <b>2,281,799</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/415 6A61K 9/127</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR THE PROTECTION OF MITOCHONDRIA</b> [54] <b>PROCEDES ET COMPOSITIONS SERVANT A PROTEGER LES MITOCHONDRIES</b> [72] YAROSH, DANIEL B., US [71] OXIS INTERNATIONAL, INC., US [85] 1999-08-16 [86] 1998-02-20 (PCT/US98/03352) [87] 1998-08-27 (WO98/36748) [30] US (60/038,749) 1997-02-20 [30] US (09/026,198) 1998-02-19</p>
<p style="text-align: right;">[21] <b>2,281,794</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/13 6C07K 19/00 6C12N 5/10 6C07K 16/24 6A61K 47/48 6C12N 15/85</b> [25] EN [54] <b>ANTIBODY FRAGMENT-POLYMER CONJUGATES AND HUMANIZED ANTI-IL-8 MONOCLONAL ANTIBODIES</b> [54] <b>CONJUGUES DE POLYMERES ET DE FRAGMENTS D'ANTICORPS ET ANTICORPS MONOCLONAUX HUMANISES ANTI-IL-8</b> [72] SHAHROKH, ZAHRA, US [72] HSEI, VANESSA, US [72] KOUMENIS, IPHIGENIA, US [72] LEONG, STEVEN R., US [72] PRESTA, LEONARD G., US [72] ZAPATA, GERARDO A., US [71] GENENTECH, INC., US [85] 1999-08-13 [86] 1998-02-20 (PCT/US98/03337) [87] 1998-08-27 (WO98/37200) [30] US (08/804,444) 1997-02-21 [30] US (09/012,116) 1998-01-22</p>	<p style="text-align: right;">[21] <b>2,281,797</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14 6G08B 13/24</b> [25] EN [54] <b>MAGNETOMECHANICAL EAS MARKER WITH ABRUPT BIAS</b> [54] <b>ETIQUETTE DE SURVEILLANCE MAGNETOMECHANIQUE D'ARTICLES A POLARISATION ABRUPT</b> [72] COFFEY, KEVIN R., US [72] COPELAND, RICHARD L., US [71] SENSORMATIC ELECTRONICS CORPORATION, US [85] 1999-08-16 [86] 1998-05-06 (PCT/US98/09235) [87] 1999-02-25 (WO99/09535) [30] US (08/912,058) 1997-08-15</p>	<p style="text-align: right;">[21] <b>2,281,800</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 487/04 6A61K 31/44</b> [25] EN [54] <b>7A-HETEROCYCLE-SUBSTITUTED HEXAHYDRO-1H-PYRROLIZINE COMPOUNDS USEFUL IN CONTROLLING CHEMICAL SYNAPTIC TRANSMISSION</b> [54] <b>COMPOSES D'HEXAHYDRO-1H-PYRROLIZINE A SUBSTITUTION HETEROCYCLIQUE EN 7A UTILES POUR REGULER LA TRANSMISSION SYNAPTIQUE CHIMIQUE</b> [72] GARVEY, DAVID S., US [72] HOLLADAY, MARK W., US [72] LIN, NAN-HORNG, US [72] WASICAK, JAMES T., US [72] RYTHER, KEITH B., US [71] ABBOTT LABORATORIES, US [85] 1999-08-16 [86] 1998-02-05 (PCT/US98/02032) [87] 1998-08-27 (WO98/37082) [30] US (08/802,978) 1997-02-19</p>
	<p style="text-align: right;">[21] <b>2,281,798</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 9/007</b> [25] EN [54] <b>IMPLANT FOR DEEP SCLERECTOMY</b> [54] <b>IMPLANT DE SCLERECTOMIE PROFONDE</b> [72] JALLET, VALÉRIE, FR [72] BOS, GILLES, FR [72] TELANDRO, ALAIN, FR [72] VILLAIN, FRANCK, FR [72] SOURDILLE, PHILIPPE, FR [71] CORNEAL INDUSTRIE, FR [85] 1999-08-16 [86] 1998-02-16 (PCT/FR98/00291) [87] 1998-08-20 (WO98/35639) [30] FR (97 01801) 1997-02-17</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,281,801</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 101/00 6C08K 3/00 6C08L 83/04</b></p> <p>[25] EN</p> <p>[54] <b>ORGANIC-INORGANIC HYBRID MATERIALS</b></p> <p>[54] <b>MATERIAUX HYBRIDES ORGANIQUES-INORGANIQUES</b></p> <p>[72] PUPPE, LOTHAR, DE</p> <p>[72] MAGER, MICHAEL, DE</p> <p>[72] KRAUS, HARALD, DE</p> <p>[71] BAYER AKTIENGESELLSCHAFT, DE</p> <p>[85] 1999-08-23</p> <p>[86] 1998-02-12 (PCT/EP98/00775)</p> <p>[87] 1998-09-03 (WO98/38251)</p> <p>[30] DE (197 07 390.5) 1997-02-25</p>	<p style="text-align: right;">[21] <b>2,281,804</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 39/14 6H01B 12/00 6H01L 39/24</b></p> <p>[25] EN</p> <p>[54] <b>CERAMIC/METAL AND A15/METAL SUPERCONDUCTING COMPOSITE MATERIALS EXPLOITING SUPERCONDUCTING PROXIMITY EFFECT</b></p> <p>[54] <b>MATERIAUX COMPOSITES SUPRACONDUCTEURS CERMET ET A15/METAL TIRANT PROFIT DE L'EFFET DE PROXIMITE SUPRACONDUCTEUR</b></p> <p>[72] HOLCOMB, MATTHEW J., US</p> <p>[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US</p> <p>[85] 1999-08-24</p> <p>[86] 1998-02-26 (PCT/US98/03818)</p> <p>[87] 1998-09-03 (WO98/38684)</p> <p>[30] US (08/806,697) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,281,806</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60 6G06F 17/30</b></p> <p>[25] EN</p> <p>[54] <b>A HIERARCHICAL RELATIONAL DEFINITION SYSTEM AND A METHOD OF DEFINING AN OBJECT</b></p> <p>[54] <b>SYSTEME DE DEFINITION RELATIONNELLE HIERARCHIQUE ET PROCEDE DE DEFINITION D'UN OBJET</b></p> <p>[72] KUYPERS, JOHANNES ANTONIUS, AU</p> <p>[71] KUYPERS, JOHANNES ANTONIUS, AU</p> <p>[85] 1999-08-24</p> <p>[86] 1998-01-23 (PCT/AU98/00038)</p> <p>[87] 1998-07-30 (WO98/33134)</p> <p>[30] AU (PO 4761) 1997-01-24</p>
<p style="text-align: right;">[21] <b>2,281,802</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04H 1/54 6D01F 8/06</b></p> <p>[25] EN</p> <p>[54] <b>CELLULOSE-BINDING FIBRES</b></p> <p>[54] <b>FIBRES SE LIANT A LA CELLULOSE</b></p> <p>[72] HANSEN, PIA HOLM, DK</p> <p>[72] LARSEN, ANNE MONRAD, DK</p> <p>[71] FIBERVISIONS A/S, DK</p> <p>[85] 1999-08-24</p> <p>[86] 1998-03-31 (PCT/DK98/00131)</p> <p>[87] 1998-10-15 (WO98/45519)</p> <p>[30] DK (0394/97) 1997-04-08</p>	<p style="text-align: right;">[21] <b>2,281,805</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 5/00 6C08L 27/16 6C08J 11/18</b></p> <p>[25] EN</p> <p>[54] <b>RECYCLE OF VULCANIZED FLUORINATED ELASTOMERS</b></p> <p>[54] <b>RECYCLAGE D'ELASTOMERES FLUORES VULCANISES</b></p> <p>[72] NELSON, PAUL N., US</p> <p>[72] WORM, ALLAN T., US</p> <p>[72] HARE, ERIK D., US</p> <p>[71] DYNELON LLC, US</p> <p>[85] 1999-08-24</p> <p>[86] 1998-03-09 (PCT/US98/04564)</p> <p>[87] 1998-09-17 (WO98/40432)</p> <p>[30] US (60/036230) 1997-03-12</p> <p>[30] US (08/854787) 1997-05-12</p>	<p style="text-align: right;">[21] <b>2,281,807</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/53 6A61K 33/24 6A61K 31/335</b></p> <p>[25] EN</p> <p>[54] <b>METHOD OF TREATING A TUMOR</b></p> <p>[54] <b>METHODE DE TRAITEMENT D'UNE TUMEUR</b></p> <p>[72] DEXTER, DANIEL L., US</p> <p>[72] JUNIEWICZ, PAUL E., US</p> <p>[72] VON HOFF, DANIEL D., US</p> <p>[72] RAKE, JAMES B., US</p> <p>[71] SANOFI PHARMACEUTICALS, INC., US</p> <p>[85] 1999-08-24</p> <p>[86] 1998-02-17 (PCT/US98/03292)</p> <p>[87] 1998-09-11 (WO98/39009)</p> <p>[30] US (08/814,769) 1997-03-07</p>
<p style="text-align: right;">[21] <b>2,281,803</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63F 3/06</b></p> <p>[25] EN</p> <p>[54] <b>INTERNET SCRATCH-OFF GAME</b></p> <p>[54] <b>JEU DE GRATTAGE SUR INTERNET</b></p> <p>[72] AUXIER, ROBERT, US</p> <p>[72] SEIDMAN, CHARLES B., US</p> <p>[72] KHERA, VIVEK, US</p> <p>[71] REALTIME MEDIA, INC., US</p> <p>[85] 1999-08-24</p> <p>[86] 1998-02-19 (PCT/US98/03145)</p> <p>[87] 1998-08-27 (WO98/36809)</p> <p>[30] US (08/805,134) 1997-02-24</p>		



## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,281,808</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 31/22 6G01N 33/48</b> [25] EN [54] <b>COLORIMETRIC DRY REAGENT TEST DEVICE AND METHOD FOR THE DETERMINATION OF ANALYTES IN SOLUTIONS CONTAINING INTERFERING COLORED SUBSTANCES</b> [54] <b>DISPOSITIF D'ANALYSE COLORIMETRIQUE A REACTIF SEC ET PROCEDE DE DOSAGE D'ANALYTES DANS DES SOLUTIONS CONTENANT DES SUBSTANCES COLOREES BROUILLEUSES</b> [72] MAKOWSKI, EUGENIA, US [72] KREISER, THOMAS HARRY, US [71] ENVIRONMENTAL TEST SYSTEMS, INC., US [85] 1999-08-24 [86] 1998-02-26 (PCT/US98/03609) [87] 1998-09-11 (WO98/39651) [30] US (08/811,493) 1997-03-05</p>	<p style="text-align: center;">[21] <b>2,281,810</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01C 7/12</b> [25] EN [54] <b>IMPROVEMENTS RELATING TO ELECTRICAL SURGE ARRESTERS</b> [54] <b>PERFECTIONNEMENTS RELATIFS A DES LIMITEURS DE SURTENSION ELECTRIQUE</b> [72] DOONE, RODNEY MEREDITH, GB [72] SHORT, PATRICK GEORGE, GB [71] BOWTHORPE INDUSTRIES LIMITED, GB [85] 1999-08-24 [86] 1998-02-25 (PCT/GB98/00598) [87] 1998-09-03 (WO98/38653) [30] GB (9703861.6) 1997-02-25 [30] GB (9724126.9) 1997-11-14</p>	<p style="text-align: center;">[21] <b>2,281,819</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/70 6B01J 23/42</b> [25] EN [54] <b>METHOD FOR REMOVING CHLORATE IONS FROM SOLUTIONS</b> [54] <b>PROCEDE D'ELIMINATION DES IONS CHLORATE DANS DES SOLUTIONS</b> [72] VAN SANTEN, RUTGER, NL [72] NEUENFELDT, GERHARD, DE [72] KLESING, ARMIN, DE [72] OTTMANN, ALFRED, DE [71] SOLVAY DEUTSCHLAND GMBH, DE [85] 1999-08-18 [86] 1998-01-10 (PCT/EP98/00112) [87] 1998-08-27 (WO98/37024) [30] DE (197 06 590.2) 1997-02-20 [30] DE (197 47 673.2) 1997-10-29</p>
<p style="text-align: center;">[21] <b>2,281,809</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 43/38 6E21B 43/40</b> [25] EN [54] <b>APPARATUS FOR CONTROLLING AND MONITORING A DOWNHOLE OIL/WATER SEPARATOR</b> [54] <b>APPAREIL DE COMMANDE ET SURVEILLANCE D'UN SEPARATEUR HUILE-EAU DE FOND DE PUIITS</b> [72] LEUNG, WALLACE W. F., US [72] JOHNSON, MICHAEL H., US [72] SHAW, CHRIS, US [71] BAKER HUGHES INCORPORATED, US [85] 1999-08-24 [86] 1998-02-05 (PCT/US98/02621) [87] 1998-08-27 (WO98/37307) [30] US (60/038,076) 1997-02-25</p>	<p style="text-align: center;">[21] <b>2,281,813</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A43C 15/16 6A43B 13/26</b> [25] EN [54] <b>FOOTWEAR CLEAT</b> [54] <b>CRAMPON POUR CHAUSSURES</b> [72] CURLEY, JOHN J., JR., US [71] CURLEY, JOHN J., JR., US [85] 1999-08-18 [86] 1998-02-18 (PCT/US98/03048) [87] 1998-08-20 (WO98/35575) [30] US (08/800,580) 1997-02-18</p>	<p style="text-align: center;">[21] <b>2,281,821</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 85/57</b> [25] EN [54] <b>MECHANICAL LOCKING MECHANISM FOR A SECURITY PACKAGE</b> [54] <b>MECANISME DE VERROUILLAGE MECANIQUE POUR BOITIER DE SECURITE</b> [72] BELDEN, DENNIS D., JR., US [72] WILLIAMS, MATTHEW P., US [72] WEISBURN, JAMES T., US [72] MCGILL, JAMES A., US [71] ALPHA ENTERPRISES, INC., US [85] 1999-08-18 [86] 1998-02-18 (PCT/US98/03225) [87] 1998-08-27 (WO98/36998) [30] US (60/038,634) 1997-02-19</p>
<p style="text-align: center;">[21] <b>2,281,816</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/32</b> [25] EN [54] <b>METHOD FOR AUTHORIZATION CHECK</b> [54] <b>PROCEDE DE VERIFICATION D'AUTORISATION</b> [72] LEONARDI, ROBERT, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-08-18 [86] 1998-02-05 (PCT/SE98/00206) [87] 1998-08-27 (WO98/37663) [30] SE (9700587-0) 1997-02-19</p>	<p style="text-align: center;">[21] <b>2,281,823</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B66B 9/08 6G01C 9/00</b> [25] EN [54] <b>STAIR LIFT</b> [54] <b>APPAREIL POUR MONTER LES ESCALIERS</b> [72] JONES, PETER JOHN, GB [72] WILLIAMS, PHILIP ELPHEE, GB [71] BISON BEDE LIMITED, GB [71] D.C. DRIVES LTD., GB [85] 1999-08-18 [86] 1998-02-20 (PCT/GB98/00541) [87] 1998-08-27 (WO98/37007) [30] GB (9703570.3) 1997-02-20</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,281,824</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05D 1/28 6B32B 35/00 6B05C 17/00 6B05D 3/00</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND APPARATUS FOR REPAIRING PLASTIC PARTS</b></p> <p>[54] <b>PROCEDE ET APPAREIL DE REPARATION DE PIECES EN PLASTIQUE</b></p> <p>[72] LANDRY, WILLIAM J., US</p> <p>[72] DONOVAN, GEORGE M., US</p> <p>[71] TEXTRON AUTOMOTIVE COMPANY INC., US</p> <p>[85] 1999-08-18</p> <p>[86] 1998-02-12 (PCT/US98/02818)</p> <p>[87] 1998-08-20 (WO98/35549)</p> <p>[30] US (60/038,089) 1997-02-18</p>	<p style="text-align: right;">[21] <b>2,281,830</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/82 6A01H 5/00 6C12P 21/02 6C12N 15/12 6C12N 9/24 6C07K 14/46 6C12N 15/56</b></p> <p>[25] EN</p> <p>[54] <b>METHODS OF COMMERCIAL PRODUCTION AND EXTRACTION OF PROTEIN FROM SEED</b></p> <p>[54] <b>METHODE DE PRODUCTION ET D'EXTRACTION COMMERCIALES DE PROTEINES A PARTIR DE GRAINES</b></p> <p>[72] HOWARD, JOHN A., US</p> <p>[71] PRODIGENE, INC., US</p> <p>[85] 1999-08-18</p> <p>[86] 1997-03-20 (PCT/US97/04526)</p> <p>[87] 1998-09-11 (WO98/39461)</p> <p>[30] US (60/040,119) 1997-03-07</p>	<p style="text-align: right;">[21] <b>2,281,834</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 16/00</b></p> <p>[25] EN</p> <p>[54] <b>SYSTEM AND METHOD FOR CONTROLLING THE START UP OF A PATIENT VENTILATOR</b></p> <p>[54] <b>SYSTEME ET PROCEDE POUR COMMANDER LA MISE EN ROUTE D'UN RESPIRATEUR</b></p> <p>[72] BUTTERBRODT, JAY, US</p> <p>[72] FERGUSON, HOWARD L., US</p> <p>[72] ARNETT, DAVID, US</p> <p>[72] WALLACE, CHARLES L., US</p> <p>[72] SANBORN, WARREN G., US</p> <p>[71] NELLCOR PURITAN BENNETT INCORPORATED, US</p> <p>[85] 1999-08-18</p> <p>[86] 1998-02-24 (PCT/US98/03755)</p> <p>[87] 1998-09-24 (WO98/41269)</p> <p>[30] US (08/818,808) 1997-03-14</p>
<p style="text-align: right;">[21] <b>2,281,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04D 7/04 6F04D 31/00 6F04D 29/22</b></p> <p>[25] EN</p> <p>[54] <b>CENTRIFUGAL LIQUID PUMP WITH INTERNAL GAS INJECTION</b></p> <p>[54] <b>POMPE A LIQUIDE CENTRIFUGE AVEC INJECTION DE GAZ INTERNE</b></p> <p>[72] DUFOUR, RENEAU, CA</p> <p>[71] LES TRAITEMENTS DES EAUX POSEIDON INC., CA</p> <p>[85] 1999-08-18</p> <p>[86] 1998-03-12 (PCT/CA98/00219)</p> <p>[87] 1998-10-22 (WO98/46887)</p> <p>[30] US (08/837,326) 1997-04-11</p>	<p style="text-align: right;">[21] <b>2,281,831</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60S 1/08 6E05B 47/00</b></p> <p>[25] EN</p> <p>[54] <b>MOTION TRANSMITTING APPARATUS FOR USE WITH AN AUTOMOTIVE VEHICLE MULTI-FUNCTIONAL APPARATUS</b></p> <p>[54] <b>APPAREIL DE TRANSMISSION DE MOUVEMENT DESTINE A UN APPAREIL MULTIFONCTIONNEL D'UN VEHICULE AUTOMOBILE</b></p> <p>[72] DAN, PETRE, US</p> <p>[71] LEAR AUTOMOTIVE DEARBORN, INC., US</p> <p>[85] 1999-08-18</p> <p>[86] 1998-04-03 (PCT/US98/06607)</p> <p>[87] 1998-10-15 (WO98/45149)</p> <p>[30] US (08/838,880) 1997-04-09</p>	<p style="text-align: right;">[21] <b>2,281,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 16/00</b></p> <p>[25] EN</p> <p>[54] <b>SYSTEM AND METHOD FOR DISCONNECTION AND OCCLUSION DETECTION IN A PATIENT VENTILATOR</b></p> <p>[54] <b>SYSTEME ET PROCEDE PERMETTANT DE DECELER LE DEBRANCHEMENT ET L'OCCLUSION D'UN RESPIRATEUR COTE MALADE</b></p> <p>[72] ISAZA, FERNANDO J., US</p> <p>[71] NELLCOR PURITAN BENNETT INCORPORATED, US</p> <p>[85] 1999-08-18</p> <p>[86] 1998-02-24 (PCT/US98/03748)</p> <p>[87] 1998-09-24 (WO98/41268)</p> <p>[30] US (08/818,173) 1997-03-14</p>
<p style="text-align: right;">[21] <b>2,281,828</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 65/24</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR ISOLATING 3--2-CHLORO-4-(TRIFLUOROMETHYL)-PHENOXY]-BENZOIC ACID</b></p> <p>[54] <b>PROCEDE PERMETTANT D'ISOLER DE L'ACIDE 3--2-CHLORO-4-TRIFLUOROMETHYL)-PHENOXY]-BENZOIQUE</b></p> <p>[72] MUNZINGER, MANFRED, DE</p> <p>[72] MERKLE, HANS RUPERT, DE</p> <p>[72] FRANKE, DIRK, DE</p> <p>[72] JONES, SIMON A., DE</p> <p>[72] MATTMANN, WOLFGANG, DE</p> <p>[72] EVA, RONALD R., US</p> <p>[71] BASF AKTIENGESSELLSCHAFT, DE</p> <p>[85] 1999-08-18</p> <p>[86] 1998-02-09 (PCT/EP98/00705)</p> <p>[87] 1998-08-27 (WO98/37054)</p> <p>[30] DE (19706875.8) 1997-02-21</p>	<p style="text-align: right;">[21] <b>2,281,832</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 16/00</b></p> <p>[25] EN</p> <p>[54] <b>GRAPHIC USER INTERFACE FOR A PATIENT VENTILATOR</b></p> <p>[54] <b>INTERFACE GRAPHIQUE UTILISATEUR POUR RESPIRATEUR</b></p> <p>[72] FERGUSON, HOWARD L., US</p> <p>[72] WALLACE, CHARLES L., US</p> <p>[72] BUTTERBRODT, JAY, US</p> <p>[72] ARNETT, DAVID, US</p> <p>[72] SANBORN, WARREN G., US</p> <p>[71] NELLCOR PURITAN BENNETT INCORPORATED, US</p> <p>[85] 1999-08-18</p> <p>[86] 1998-02-24 (PCT/US98/03756)</p> <p>[87] 1998-09-24 (WO98/41270)</p> <p>[30] US (08/818,201) 1997-03-14</p>	

## PCT Applications Entering the National Phase

[21] **2,281,836**  
[13] A1

[51] **Int.Cl. 6C08G 18/10 6C09D 175/04 6C08G 18/34**

[25] EN

[54] **ACID FUNCTIONALIZED POLYURETHANE ADDUCTS**

[54] **PRODUITS D'ADDITION DE POLYURETHANE A**

**FONCTIONNALITE ACIDE**

[72] GRUENBAUER, HENRI J., NL

[72] ELWELL, MICHAEL J., NL

[72] BARTELINK, CAMIEL F., NL

[72] VAN DER WAL, HANNO R., NL

[71] THE DOW CHEMICAL COMPANY, US

[85] 1999-08-18

[86] 1998-02-06 (PCT/US98/02497)

[87] 1998-08-27 (WO98/37113)

[30] US (08/802,148) 1997-02-19

[21] **2,281,838**  
[13] A1

[51] **Int.Cl. 6A61K 49/00 6C07H 21/02 6C07H 21/04 6A01N 43/04**

[25] EN

[54] **USE OF NUCLEIC ACIDS**

**CONTAINING UNMETHYLATED CPG DINUCLEOTIDE IN THE TREATMENT OF LPS-ASSOCIATED DISORDERS**

[54] **UTILISATION D'ACIDES**

**NUCLEIQUES CONTENANT DES**

**DINUCLEOTIDES CPG NON**

**METHYLES DANS LE TRAITEMENT**

**DES TROUBLES ASSOCIES AUX**

**LIPOPOLYSACCHARIDES**

[72] KRIEG, ARTHUR M., US

[72] SCHWARTZ, DAVID A., US

[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US

[85] 1999-08-18

[86] 1998-02-25 (PCT/US98/03678)

[87] 1998-09-03 (WO98/37919)

[30] US (60/039,405) 1997-02-28

[21] **2,281,839**  
[13] A1

[51] **Int.Cl. 6G11B 27/10 6G11B 27/034**

[25] EN

[54] **METHOD AND APPARATUS FOR SYNCHRONIZING DEVICES IN AN AUDIO/VIDEO SYSTEM**

[54] **PROCEDE ET APPAREIL DE SYNCHRONISATION DE DISPOSITIFS DANS UN SYSTEME AUDIO/VIDEO**

[72] LAMACCHIA, SAM R., US

[71] AVID TECHNOLOGY, INC., US

[85] 1999-08-18

[86] 1998-03-19 (PCT/US98/05404)

[87] 1998-09-24 (WO98/41988)

[30] US (08/821,336) 1997-03-20

[21] **2,281,840**  
[13] A1

[51] **Int.Cl. 6B65D 5/486**

[25] EN

[54] **CARTON AND ONE-PIECE**

**PRODUCTION BLANK THEREFOR**

[54] **CARTON ET SA PREFORME**

**MONOBLOC**

[72] KIME, KORY, US

[72] WISE, FREDERICK M., US

[72] DEWITT, CARL F., US

[72] SAINZ, RAYMOND, US

[71] CAPITOL PACKAGING

CORPORATION, US

[85] 1999-08-18

[86] 1998-02-26 (PCT/US98/03871)

[87] 1998-09-03 (WO98/38097)

[30] US (08/806,454) 1997-02-26

[21] **2,281,841**  
[13] A1

[51] **Int.Cl. 6G01N 33/50 6G01N 33/566 6G01N 33/68**

[25] EN

[54] **A METHOD TO IDENTIFY PLANT PROTEINS THAT FUNCTION IN G-PROTEIN COUPLED SYSTEMS AND COMPOSITIONS THEREFOR**

[54] **PROCEDE D'IDENTIFICATION DE PROTEINES VEGETALES**

**FONCTIONNANT DANS DES**

**SYSTEMES COUPLES A UNE**

**PROTEINE G ET LEURS**

**COMPOSITIONS**

[72] SAROKIN, LAURA PATRICIA, US

[71] AMERICAN CYANAMID

COMPANY, US

[85] 1999-08-18

[86] 1998-02-13 (PCT/US98/02659)

[87] 1998-08-27 (WO98/37413)

[30] US (08/801,980) 1997-02-19

[21] **2,281,843**  
[13] A1

[51] **Int.Cl. 6C07D 403/14 6C07D 207/34 6A61K 31/415 6C12Q 1/68**

[25] EN

[54] **STEREOCHEMICAL CONTROL OF THE DNA BINDING AFFINITY, SEQUENCE SPECIFICITY, AND ORIENTATION-PREFERENCE OF CHIRAL HAIRPIN POLYAMIDES IN THE MINOR GROOVE**

[54] **REGULATION**

**STEREOCHIMIQUE DE L'AFFINITE DE FIXATION A L'ADN, SPECIFICITE DE SEQUENCE, ET PREFERENCES D'ORIENTATION DE POLYAMIDES EN EPINGLE A CHEVEUX CHIRAUX**

**DANS LE SILLON MINEUR**

[72] DERVAN, PETER B., US

[72] BAIRD, ELDON E., US

[71] CALIFORNIA INSTITUTE OF

TECHNOLOGY, US

[85] 1999-08-18

[86] 1998-01-29 (PCT/US98/03829)

[87] 1998-10-15 (WO98/45284)

[30] US (60/043,444) 1997-04-08

[30] US (60/042,022) 1997-04-16

[30] US (08/837,524) 1997-04-21

[30] US (08/853,522) 1997-05-08

[30] WO (PCT/US97/12722) 1997-07-21

[30] WO (PCT/US97/03332) 1997-02-20

[21] **2,281,844**  
[13] A1

[51] **Int.Cl. 6C07J 41/00 6C07J 43/00**

[25] EN

[54] **NOVEL ANTI-ESTROGENIC**

**STEROIDS, AND ASSOCIATED PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE**

[54] **NOUVEAUX STEROIDES ANTI-OESTROGENES, COMPOSITIONS PHARMACEUTIQUES ASSOCIEES ET LEUR MODE D'UTILISATION**

[72] JONG, LING, US

[72] CHAO, WAN-RU, US

[72] TANABE, MASATO, US

[72] PETERS, RICHARD H., US

[71] SRI INTERNATIONAL, US

[85] 1999-08-18

[86] 1998-12-23 (PCT/US98/27406)

[87] 1999-07-08 (WO99/33859)

[30] US (08/998,877) 1997-12-24

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,281,846</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 20/32 6B01D 67/00</b> [25] EN [54] <b>MATRICES FOR SEPARATION AND SEPARATION EXPLOITING SAID MATRICES</b> [54] <b>MATRICES DE SEPARATION ET SEPARATION UTILISANT CES MATRICES</b> [72] BERGSTROM, JAN, SE [72] SODERBERG, LENNART, SE [72] BERGLUND, ROLF, SE [71] AMERSHAM PHARMACIA BIOTECH AB, SE [85] 1999-08-18 [86] 1998-03-04 (PCT/SE98/00387) [87] 1998-09-11 (WO98/39094) [30] SE (9700769-4) 1997-03-04</p>	<p style="text-align: right;">[21] <b>2,281,850</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 70/02 6C10G 45/32</b> [25] EN [54] <b>OLEFIN PLANT RECOVERY SYSTEM EMPLOYING CATALYTIC DISTILLATION</b> [54] <b>SYSTEME DE RECUPERATION D'INSTALLATION DE PRODUCTION D'OLEFINES FAISANT APPEL A LA DISTILLATION CATALYTIQUE</b> [72] SUMNER, CHARLES, US [72] STANLEY, STEPHEN J., US [72] GILDERT, GARY ROBERT, US [72] McCARTHY, FRANCIS D., US [71] CHEMICAL RESEARCH &amp; LICENSING COMPANY, US [71] ABB LUMMUS GLOBAL INC., US [85] 1999-08-18 [86] 1997-02-19 (PCT/US97/01932) [87] 1998-08-27 (WO98/37169)</p>	<p style="text-align: right;">[21] <b>2,281,859</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C07H 21/04</b> [25] EN [54] <b>METHODS FOR DETECTING MITOCHONDRIAL MUTATIONS DIAGNOSTIC FOR ALZHEIMER'S DISEASE AND DETERMINING HETEROPLASMY OF MITOCHONDRIAL NUCLEIC ACID</b> [54] <b>PROCEDE DE DETECTION DE MUTATIONS MITOCHONDRIALES POUR LE DIAGNOSTIC DE LA MALADIE D'ALZHEIMER ET DE DETERMINATION DE L'HETEROPLASMIE D'ACIDE NUCLEIQUE MITOCHONDRIAL</b> [72] PARKER, WILLIAM DAVIS, US [72] HERRNSTADT, CORINNA, US [72] GHOSH, SOUMITRA, US [72] FAHY, EOIN D., US [71] MITOKOR, US [85] 1999-08-16 [86] 1998-02-27 (PCT/US98/03429) [87] 1998-09-03 (WO98/38335) [30] US (08/810,599) 1997-02-28</p>
<p style="text-align: right;">[21] <b>2,281,847</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 44/00 6E21B 41/00</b> [25] EN [54] <b>DRILLING ASSEMBLY WITH REDUCED STICK-SLIP TENDENCY</b> [54] <b>ENSEMBLE DE FORAGE AVEC REDUCTION DE LA TENDANCE AU BROUETAGE</b> [72] VAN DEN STEEN, LEON, NL [71] SHELL CANADA LIMITED, CA [85] 1999-08-18 [86] 1998-04-09 (PCT/EP98/02216) [87] 1998-10-22 (WO98/46856) [30] EP (97201096.1) 1997-04-11</p>	<p style="text-align: right;">[21] <b>2,281,858</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 47/48 6A61K 39/00</b> [25] EN [54] <b>SYSTEM FOR THE IN VIVO DELIVERY AND EXPRESSION OF HETEROLOGOUS GENES IN THE BONE MARROW</b> [54] <b>SYSTEME POUR L'APPORT ET L'EXPRESSION IN VIVO DE GENES HETEROLOGUES DANS LA MOELLE OSSEUSE</b> [72] SIMPSON, DENNIS A., US [72] DAVIS, NANCY L., US [72] JOHNSTON, ROBERT E., US [71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US [85] 1999-08-18 [86] 1998-02-18 (PCT/US98/02945) [87] 1998-08-27 (WO98/36779) [30] US (08/801,263) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,281,860</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 5/02 6C08F 2/48 6C08F 4/52</b> [25] EN [54] <b>PHOTOACTIVATABLE NITROGEN-CONTAINING BASES BASED ON .ALPHA.-AMMONIUM KETONES, IMINIUM KETONES OR AMIDIUM KETONES AND ARYL BORATES</b> [54] <b>BASES CONTENANT DE L'AZOTE POUVANT ETRE ACTIVEES, A BASE DE CETONE .ALPHA.-AMMONIUM; DE CETONES D'IMINIUM OU DE CETONES D'AMIDIUM ET DE BORATES D'ARYLE</b> [72] HALL-GOULLE, VÉRONIQUE, CH [72] TURNER, SEAN COLM, US [72] CUNNINGHAM, ALLAN FRANCIS, US [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [85] 1999-08-17 [86] 1998-02-14 (PCT/EP98/00846) [87] 1998-09-03 (WO98/38195) [30] CH (444/97) 1997-02-26</p>
<p style="text-align: right;">[21] <b>2,281,849</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B42D 15/10</b> [25] EN [54] <b>CARD WITH IDENTIFYING FEATURE AND REMOVABLE ELEMENT</b> [54] <b>CARTE A DETAIL D'IDENTIFICATION ET ELEMENT AMOVIBLE</b> [72] BLANK, ERIC, US [71] ARTHUR BLANK &amp; COMPANY, INC., US [85] 1999-08-18 [86] 1998-02-19 (PCT/US98/03114) [87] 1998-08-27 (WO98/36917) [30] US (08/801,219) 1997-02-19</p>		

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[21] **2,281,862**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 15/29**  
[25] EN  
[54] **METHOD OF HYBRID SEED PRODUCTION USING CONDITIONAL FEMALE STERILITY**  
[54] **PROCEDE DE PRODUCTION DE GRAINES HYBRIDES UTILISANT LA FERTILITE FEMELLE CONDITIONNELLE**  
[72] PASCAL, ERICA, US  
[72] CROSSLAND, LYLE DEAN, US  
[72] HARPER, STACY MARIE, US  
[71] NOVARTIS AG, CH  
[85] 1999-08-19  
[86] 1998-02-27 (PCT/US98/03838)  
[87] 1998-09-11 (WO98/39462)  
[30] US (60/039,527) 1997-03-03

[21] **2,281,867**  
[13] A1

[51] **Int.Cl. 6B01D 57/02 6C25B 7/00 6G01N 27/26 6C07K 1/28 6C02F 1/469**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTINUOUS FLOW ISOELECTRIC FOCUSING FOR PURIFYING BIOLOGICAL SUBSTANCES**  
[54] **PROCEDE ET DISPOSITIF D'ELECTROFOCALISATION EN FLUX CONTINU POUR PURIFICATION DE SUBSTANCES BIOLOGIQUES**  
[72] DE BOER, GERBEN FOPPE, NL  
[72] SOVA, OTTO, SK  
[71] CERBERUS ENTERPRISES B.V., NL  
[85] 1999-08-19  
[86] 1998-02-20 (PCT/NL98/00104)  
[87] 1998-08-27 (WO98/36821)  
[30] EP (97200489.9) 1997-02-20

[21] **2,281,868**  
[13] A1

[51] **Int.Cl. 6A23L 1/0522 6A21D 2/18 6A23L 1/39**  
[25] EN  
[54] **STARCH WITH REDUCED AMYLOSE CONTENT**  
[54] **AMIDON PRESENTANT UNE TENEUR LIMITEE EN AMYLOSE**  
[72] FITCHETT, COLIN STANLEY, GB  
[72] FRAZIER, PETER JOHN, GB  
[72] LIVERMORE, MARTIN, GB  
[72] FORGE, CHARLES DOUGLAS, GB  
[71] E.I. DUPONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-19  
[86] 1998-03-19 (PCT/US98/05546)  
[87] 1998-09-24 (WO98/41111)  
[30] GB (9705746.7) 1997-03-20

[21] **2,281,869**  
[13] A1

[51] **Int.Cl. 6B65G 7/12**  
[25] EN  
[54] **LIFTING DEVICE**  
[54] **DISPOSITIF DE LEVAGE**  
[72] FREDRICKSON, DAVID F., US  
[71] FREDRICKSON, DAVID F., US  
[85] 1999-08-19  
[86] 1998-03-04 (PCT/US98/03921)  
[87] 1998-09-11 (WO98/39233)  
[30] US (08/812,590) 1997-03-07

[21] **2,281,870**  
[13] A1

[51] **Int.Cl. 6B03C 7/00 6B03B 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SEPARATION OF CARBON FROM FLYASH**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE SEPARER LE CARBONE PRESENT DANS DES CENDRES VOLANTES**  
[72] BITTNER, JAMES D., US  
[72] DUNN, THOMAS M., US  
[72] HRACH, FRANK J., JR., US  
[71] SEPARATION TECHNOLOGIES, INC., US  
[85] 1999-08-23  
[86] 1998-02-23 (PCT/US98/03420)  
[87] 1998-08-27 (WO98/36844)  
[30] US (08/805,157) 1997-02-24

[21] **2,281,871**  
[13] A1

[51] **Int.Cl. 6G06K 11/14**  
[25] EN  
[54] **DIGITIZER SYSTEM FOR ELECTRONIC BLACKBOARD**  
[54] **DISPOSITIF DE MARQUAGE POUR TABLEAU DE PRESENTATION ELECTRONIQUE**  
[72] HOLTZMAN, RAFI, US  
[72] ZLOTER, ISAAC, IL  
[71] ELECTRONICS FOR IMAGING, INC., US  
[85] 1999-08-19  
[86] 1998-03-05 (PCT/US98/04403)  
[87] 1998-09-11 (WO98/39729)  
[30] US (08/811,947) 1997-03-05

[21] **2,281,872**  
[13] A1

[51] **Int.Cl. 6D21F 3/08 6D21G 1/02**  
[25] EN  
[54] **ROLL COVER AND METHOD OF MAKING THE SAME**  
[54] **REVETEMENT POUR ROULEAU ET SON PROCEDE DE FABRICATION**  
[72] YLISELÄ, SEPPO A., FI  
[72] PAASONEN, JAN A., FI  
[71] STOWE WOODWARD COMPANY, US  
[85] 1999-08-23  
[86] 1998-06-11 (PCT/US98/12225)  
[87] 1998-12-17 (WO98/56984)  
[30] US (08/874,757) 1997-06-13

[21] **2,281,873**  
[13] A1

[51] **Int.Cl. 6C07C 209/68 6C07C 211/50 6C07C 209/78**  
[25] EN  
[54] **PROCESS FOR PREPARING AROMATIC POLYAMINE MIXTURES**  
[54] **PROCEDE DE PREPARATION DE MELANGES DE POLYAMINES AROMATIQUES**  
[72] HESSE, MICHAEL, DE  
[72] ELLER, KARSTEN, DE  
[72] LANGENSIEPEN, HANS-WERNER, DE  
[72] BECKER, RAINER, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-08-23  
[86] 1998-02-20 (PCT/EP98/00981)  
[87] 1998-08-27 (WO98/37124)  
[30] DE (197 07 255.0) 1997-02-24  
[30] DE (197 24 213.8) 1997-06-09  
[30] DE (197 24 237.5) 1997-06-09

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<p style="text-align: right;">[21] <b>2,281,874</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 21/00</b> [25] EN [54] <b>METHOD AND DEVICE FOR PREVENTING PERSONS FROM FALLING ASLEEP</b> [54] <b>PROCEDE ET DISPOSITIF POUR EMPECHER DES PERSONNES DE S'ENDORMIR</b> [72] RIPPBAUER, GERT, CH [71] RIPPBAUER, GERT, CH [85] 1999-08-23 [86] 1998-12-15 (PCT/CH98/00535) [87] 1999-07-15 (WO99/35626) [30] CH (26/98) 1998-01-09 [30] CH (2450/98) 1998-12-10</p>	<p style="text-align: right;">[21] <b>2,281,877</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 7/08 6C07K 16/28 6G01N 33/53 6C12Q 1/68</b> [25] EN [54] <b>PSCA: PROSTATE STEM CELL ANTIGEN</b> [54] <b>ANTIGENE DE CELLULE SOUCHE PROSTATIQUE (PSCA)</b> [72] REITER, ROBERT E., US [72] WITTE, OWEN N., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 1999-08-18 [86] 1998-03-10 (PCT/US98/04665) [87] 1998-09-17 (WO98/40403) [30] US (08/814,279) 1997-03-10 [30] US (60/071,141) 1998-01-12 [30] US (60/074,675) 1998-02-13</p>	<p style="text-align: right;">[21] <b>2,281,880</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/36</b> [25] EN [54] <b>BATTERY-POWERED PATIENT IMPLANTABLE DEVICE</b> [54] <b>DISPOSITIF IMPLANTABLE SUR UN PATIENT ET FONCTIONNANT SUR BATTERIE</b> [72] GORD, JOHN C., US [72] DELL, ROBERT DAN, US [72] SCHULMAN, JOSEPH H., US [71] ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US [85] 1999-08-24 [86] 1998-02-25 (PCT/US98/03687) [87] 1998-09-03 (WO98/37926) [30] US (60/039,164) 1997-02-26</p>
<p style="text-align: right;">[21] <b>2,281,875</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 403/14 6C07D 403/06 6A61K 31/41</b> [25] EN [54] <b>AZOLE COMPOUNDS, THEIR PRODUCTION AND THEIR USE</b> [54] <b>COMPOSES DE TYPE AZOLE, LEUR PRODUCTION ET LEUR UTILISATION</b> [72] OKONOGI, KENJI, JP [72] KITAZAKI, TOMOYUKI, JP [72] ITOH, KATSUMI, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 1999-08-24 [86] 1998-03-30 (PCT/JP98/01441) [87] 1998-10-08 (WO98/43970) [30] JP (9/80863) 1997-03-31 [30] JP (9/182395) 1997-07-08 [30] JP (9/337299) 1997-12-08</p>	<p style="text-align: right;">[21] <b>2,281,878</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 5/00</b> [25] EN [54] <b>VARIABLY ADJUSTABLE BI-DIRECTIONAL DEROTATION BRACING SYSTEM</b> [54] <b>SYSTEME DE CALAGE DE DEROTATION BI-DIRECTIONNEL ET REGLABLE DE MANIERE VARIABLE</b> [72] MATHEWSON, PAUL R., US [71] MATHEWSON, PAUL R., US [85] 1999-08-24 [86] 1998-02-25 (PCT/US98/03496) [87] 1998-08-27 (WO98/36713) [30] US (60/039,104) 1997-02-25 [30] US (09/004,010) 1998-01-07</p>	<p style="text-align: right;">[21] <b>2,281,882</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 6/10 6G21F 3/03</b> [25] EN [54] <b>PERSONAL APPAREL SUPPORT SYSTEM</b> [54] <b>SYSTEME DE SUPPORT POUR APPAREIL PERSONNEL</b> [72] PINKERTON, CASS A., US [72] ONDEJKO, SUSAN, CA [72] WHITFORD, WESLEY G., CA [72] BOBBIE, BILL A., CA [72] FUNG, KARL, CA [71] COOK (CANADA) INC., CA [85] 1999-08-23 [86] 1998-03-27 (PCT/US98/06076) [87] 1998-10-01 (WO98/42258) [30] US (60/041,389) 1997-03-27</p>
<p style="text-align: right;">[21] <b>2,281,876</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/70 6A61K 47/10 6A61K 31/565</b> [25] EN [54] <b>TRANSDERMAL DEVICE FOR THE DELIVERY OF TESTOSTERONE</b> [54] <b>DISPOSITIF TRANSDERMIQUE D'ADMINISTRATION DE TESTOSTERONE</b> [72] HEDENSTROM, JOHN C., US [72] MYSZKA, SHARI L., US [72] SCHOLZ, MATTHEW T., US [72] HUSBERG, MICHAEL L., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-08-23 [86] 1998-02-27 (PCT/US98/03943) [87] 1998-09-03 (WO98/37871) [30] US (60/039,274) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,281,879</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 9/48 6C12P 21/00</b> [25] EN [54] <b>MUTANT CARBOXYPEPTIDASE Y AND METHODS FOR TRANSAMIDATION</b> [54] <b>CARBOXYPEPTIDASE MODIFIE</b> [72] BREDDAM, KLAUS, DK [72] STENNICKE, HENNING, US [72] OLESEN, KJELD, DK [72] SORENSEN, STEEN B., DK [72] MORTENSEN, UFFE, DK [71] CARLSBERG LABORATORY, DK [85] 1999-08-23 [86] 1998-02-27 (PCT/IB98/00517) [87] 1998-09-03 (WO98/38285) [30] US (08/807,263) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,281,883</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 13/53 6H02G 15/04</b> [25] EN [54] <b>EXTERNAL GROUND ISOLATION CONNECTOR FOR CABLE SPLICE CLOSURES</b> [54] <b>CONNECTEUR EXTERNE ISOLANT POUR MISE A LA TERRE DE GAINES D'EPISSURE DE CABLE</b> [72] REBERS, KENNETH D., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-08-24 [86] 1997-07-23 (PCT/US97/12913) [87] 1998-09-24 (WO98/42047) [30] US (08/821,974) 1997-03-18</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,281,884</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B25B 13/50 6B25B 13/58</b> [25] EN [54] <b>JAW ASSEMBLY</b> [54] <b>ENSEMBLE MACHOIRE</b> [72] BUCK, DAVID A., US [71] BUCK, DAVID A., US [85] 1999-08-24 [86] 1998-02-24 (PCT/US98/03547) [87] 1998-08-27 (WO98/36873) [30] US (08/805,422) 1997-02-25</p>	<p style="text-align: right;">[21] <b>2,281,887</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 43/04 6C12N 15/00 6C07H 21/02 6C07H 21/04 6C12N 15/09 6C12N 5/10 6C12N 15/11 6C12N 15/12 6C12N 15/63 6C12N 15/70 6C12N 15/74 6C12N 15/79</b> [25] EN [54] <b>NUCLEIC ACID SEQUENCES FOR ATP-BINDING CASSETTE TRANSPORTER</b> [54] <b>SEQUENCES D'ACIDES NUCLEIQUES POUR TRANSPORTEUR A CASSETTE DE FIXATION A L'ATP</b> [72] LEWIS, RICHARD A., US [72] SMALLWOOD, PHILIP M., US [72] ALLIKMETS, RANDO, US [72] LI, YIXIN, US [72] LUPSKI, JAMES R., US [72] SUN, HUI, US [72] DEAN, MICHAEL, US [72] LEPPERT, MARK, US [72] RATTNER, AMIR, US [72] SHROYER, NOAH F., US [72] NATHANS, JEREMY, US [72] ANDERSON, KENT L., US [72] SINGH, NANDA, US [71] JOHNS HOPKINS UNIVERSITY, US [71] BAYLOR COLLEGE OF MEDICINE, US [71] THE UNIVERSITY OF UTAH RESEARCH FOUNDATION, US [71] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT O, US [85] 1999-08-24 [86] 1998-02-27 (PCT/US98/03895) [87] 1998-09-03 (WO98/37764) [30] US (60/039,388) 1997-02-27</p>	<p style="text-align: right;">[21] <b>2,281,890</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00</b> [25] EN [54] <b>METHOD OF TREATING PSYCHOLOGICAL AND METABOLIC DISORDERS USING IGF OR IGF/IGFBP-3</b> [54] <b>METHODE DE TRAITEMENT DE TROUBLES PSYCHOLOGIQUES ET METABOLIQUES PAR IGF OU PAR IGF/IGFBP-3</b> [72] MASCARENHAS, DESMOND, US [72] SANDERS, MARTIN, US [71] CELTRIX PHARMACEUTICALS, INC., US [85] 1999-08-23 [86] 1998-02-24 (PCT/US98/03740) [87] 1998-08-27 (WO98/36764) [30] US (08/805,807) 1997-02-25 [30] US (08/837,603) 1997-04-21</p>
<p style="text-align: right;">[21] <b>2,281,885</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 25/04 6A61M 25/00 6A61M 25/10</b> [25] EN [54] <b>BACK-UP RETENTION MEMBER DRAINAGE CATHETER</b> [54] <b>ELEMENT DE RETENUE DE SECOURS POUR CATHETER DE DRAINAGE</b> [72] ROEMER, FREDERICK D., US [72] RUTNER, ALVIN B., US [71] COOK UROLOGICAL INC., US [85] 1999-08-23 [86] 1998-04-07 (PCT/US98/06964) [87] 1998-10-15 (WO98/44980) [30] US (60/043,484) 1997-04-07</p>	<p style="text-align: right;">[21] <b>2,281,886</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B25B 5/10 6B25B 3/00</b> [25] EN [54] <b>A CLAMPING/SHAPING DEVICE</b> [54] <b>DISPOSITIF DE FIXATION/FORMAGE</b> [72] BILLINGS, DONNA MARIE, AU [71] BILLINGS, DONNA MARIE, AU [71] BILLINGS, PETER RODNEY, AU [85] 1999-08-24 [86] 1998-02-26 (PCT/AU98/00118) [87] 1998-09-03 (WO98/38008) [30] AU (PO 5298) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,281,891</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>SYSTEM FOR FACILITATING PATHOLOGICAL EXAMINATION OF A LESION IN TISSUE</b> [54] <b>LE SYSTEME RENDANT PLUS FACILE L'EXAMEN PATHOLOGIQUE D'UNE LESION TISSULAIRE</b> [72] ZAVISLAN, JAMES M., US [71] LUCID, INC., US [85] 1999-08-23 [86] 1998-02-19 (PCT/US98/03081) [87] 1998-08-27 (WO98/36682) [30] US (08/805,045) 1997-02-24</p>
<p style="text-align: right;">[21] <b>2,281,888</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00 6A61K 38/19</b> [25] EN [54] <b>TREATMENT OF INFERTILITY WITH LEPTIN RECEPTOR LIGANDS</b> [54] <b>TRAITEMENT DE L'INFERTILITE AU MOYEN DE LIGANDS DES RECEPTEURS DE LEPTINE</b> [72] HEIMAN, MARK L., US [72] CARO, JOSE F., US [72] BASINSKI, MARGRET B., US [72] STEPHENS, THOMAS W., US [71] ELI LILLY AND COMPANY, US [85] 1999-08-24 [86] 1998-02-24 (PCT/US98/02909) [87] 1998-08-27 (WO98/36763) [30] US (08/806,104) 1997-02-25</p>	<p style="text-align: right;">[21] <b>2,281,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 231/38 6C07C 249/16 6C07C 243/22 6C07C 251/76</b> [25] EN [54] <b>PROCESSES FOR PREPARING PESTICIDAL INTERMEDIATES</b> [54] <b>PROCEDES POUR LA PREPARATION DE PRODUITS INTERMEDIAIRES PESTICIDES</b> [72] ANCEL, JEAN-ERICK, FR [72] D'SILVA, THEMISTOCLES, US [71] RHONE-POULENC AGRO, FR [85] 1999-08-24 [86] 1998-02-25 (PCT/EP98/01057) [87] 1998-09-11 (WO98/39302) [30] US (60/039,516) 1997-03-03 [30] GB (9705316.9) 1997-03-14</p>	

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[21] **2,281,893**  
[13] A1  
[51] **Int.Cl. 6C07K 16/28 6A61K 39/395**  
[25] EN  
[54] **GAMMA-1 AND GAMMA-3 ANTI-HUMAN CD23 MONOCLONAL ANTIBODIES AND USE THEREOF AS THERAPEUTICS**  
[54] **ANTICORPS MONOCLONAUX ANTI-CD23 HUMAIN A GAMMA-1 ET GAMMA-3 ET LEUR UTILISATION COMME AGENTS THERAPEUTIQUES**  
[72] KLOETZER, WILLIAM S., US  
[72] NAKAMURA, TAKEHIKO, JP  
[72] REFF, MITCHELL E., US  
[71] IDEC PHARMACEUTICALS CORPORATION, US  
[71] SEIKAGAKU CORPORATION, JP  
[85] 1999-08-19  
[86] 1998-02-17 (PCT/US98/02253)  
[87] 1998-08-27 (WO98/37099)  
[30] US (08/803,085) 1997-02-20  
[30] US (09/019,441) 1998-02-05

[21] **2,281,894**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR DETERMINING PREDISPOSITION TO INSULIN DEPENDENT DIABETES MELLITUS**  
[54] **COMPOSITIONS ET PROCEDES DE DETERMINATION DE PREDISPOSITION AU DIABETE SUCRE INSULINO-DEPENDANT**  
[72] HOWARD, SHARON, US  
[72] U'REN, JACK, US  
[72] GERSUK, VIVIAN H., US  
[71] SAIGENE CORPORATION, US  
[85] 1999-08-19  
[86] 1998-02-19 (PCT/US98/03089)  
[87] 1998-08-27 (WO98/37237)  
[30] US (60/038,246) 1997-02-21

[21] **2,281,895**  
[13] A1  
[51] **Int.Cl. 6C12N 1/14 6C12N 5/00 6C12N 15/00 6C07H 21/04 6C12N 9/12 6C12N 1/20 6C12Q 1/48**  
[25] EN  
[54] **IKB KINASES**  
[54] **IKB KINASES**  
[72] CAO, ZHAODAN, US  
[71] TULARIK INC., US  
[85] 1999-08-24  
[86] 1998-03-06 (PCT/US98/04496)  
[87] 1998-09-11 (WO98/39410)  
[30] US (08/812,533) 1997-03-07

[21] **2,281,896**  
[13] A1  
[51] **Int.Cl. 6C12N 15/52 6A01H 5/00 6C12N 15/11 6C12N 15/82 6C12N 9/90**  
[25] EN  
[54] **SOYBEAN PLANT PRODUCING SEEDS WITH REDUCED LEVELS OF RAFFINOSE SACCHARIDES AND PHYTIC ACID**  
[54] **PLANTE DE SOJA FOURNISSANT DES AMANDES A TENEURS REDUITES EN SACCHARIDES DE RAFFINOSE ET EN ACIDE PHYTIQUE**  
[72] HITZ, WILLIAM DEAN, US  
[72] SEBASTIAN, SCOTT ANTHONY, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-19  
[86] 1998-04-07 (PCT/US98/06822)  
[87] 1998-10-15 (WO98/45448)  
[30] US (08/835,751) 1997-04-08

[21] **2,281,897**  
[13] A1  
[51] **Int.Cl. 6C12N 15/29 6C12P 21/02 6A01H 5/10 6C12N 5/10 6C07K 16/16 6C07K 14/415 6C12Q 1/68**  
[25] EN  
[54] **CONTROL OF FLORAL INDUCTION IN PLANTS AND USES THEREFOR**  
[54] **CONTROLE DE L'INITIATION FLORALE DANS DES PLANTES ET UTILISATIONS ASSOCIEES**  
[72] SUNDARESAN, VENKATESAN, SG  
[72] COLASANTI, JOSEPH J., US  
[71] COLD SPRING HARBOR LABORATORY, US  
[85] 1999-08-19  
[86] 1998-02-18 (PCT/US98/03161)  
[87] 1998-08-27 (WO98/37201)  
[30] US (08/804,104) 1997-02-20  
[30] US (09/000,640) 1997-12-30

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[13] A1  
[51] **Int.Cl. 6C12Q 1/00 6C12N 15/09 6C12N 5/10 6C12N 15/70 6C07K 14/705 6C12N 15/79 6C12N 15/81**  
[25] EN  
[54] **PROMISCUOUS G-PROTEIN COMPOSITIONS AND THEIR USE**  
[54] **COMPOSITIONS DE PROTEINES G UBIQUISTES ET LEUR UTILISATION**  
[72] NEGULESCU, PAUL A., US  
[72] OFFERMANN, STEFAN, DE  
[72] ZUKER, CHARLES, US  
[72] SIMON, MELVIN, US  
[71] AURORA BIOSCIENCES CORPORATION, US  
[85] 1999-08-19  
[86] 1997-06-20 (PCT/US97/10642)  
[87] 1997-12-24 (WO97/48820)  
[30] US (60/020,234) 1996-06-21

[21] **2,281,899**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 14/47 6A61K 31/70**  
[25] EN  
[54] **MODIFIED RETINOBLASTOMA TUMOR SUPPRESSOR PROTEINS**  
[54] **PROTEINES MODIFIEES DE SUPPRESSION DES RETINOBLASTOMES**  
[72] ZHOU, YUNLI, US  
[72] BENEDICT, WILLIAM F., US  
[72] HU, SHI-XUE, US  
[72] XU, HONG-JI, US  
[71] BAYLOR COLLEGE OF MEDICINE, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 1999-08-20  
[86] 1998-02-19 (PCT/US98/03041)  
[87] 1998-08-27 (WO98/37091)  
[30] US (60/038,118) 1997-02-20



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,281,900</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60J 10/12</b> [25] EN [54] <b>PANE SETTING ELEMENT, ESPECIALLY GLASS SUN ROOF FOR VEHICLES</b> [54] <b>ELEMENT DE SOLIDARISATION DE VITRE, ET PLUS PARTICULIEREMENT TOIT OUVRANT EN VERRE POUR VEHICULE</b> [72] BRAUNSBERGER, OSKAR, DE [71] BRAUNSBERGER, OSKAR, DE [85] 1999-08-20 [86] 1998-02-26 (PCT/EP98/01101) [87] 1998-09-03 (WO98/38058) [30] DE (297 03 561.4) 1997-02-27</p>	<p style="text-align: right;">[21] <b>2,282,277</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 239/91 6C07D 401/06 6C07D 405/06 6C07D 413/06 6C07D 417/06 6C07D 401/14 6A61K 31/505</b> [25] EN [54] <b>ATROPISOMERS OF 3-ARYL-4(3H)-QUINAZOLINONES AND THEIR USE AS AMPA-RECEPTOR ANTAGONISTS</b> [54] <b>ATROPISOMERES DE 3-ARYL-4(3H)-QUINAZOLINONES ET LEUR UTILISATION COMME ANTAGONISTES DES RECEPTEURS DE L'AMPA</b> [72] WELCH, WILLARD McKOWAN JR., US [72] DeVRIES, KEITH M., US [71] PFIZER PRODUCTS INC., US [85] 1999-08-27 [86] 1998-02-06 (PCT/IB98/00150) [87] 1998-09-03 (WO98/38173) [30] US (60/038,905) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,282,293</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 259/06</b> [25] EN [54] <b>PREPARATION OF N-ARYL-N-HYDROXAMIDES</b> [54] <b>MODE DE PREPARATION DE N-ARYL-N-HYDROXAMIDES</b> [72] STOHRER, JUERGEN, DE [71] CONSORTIUM FUR ELEKTROCHEMISCHE INDUSTRIE GMBH, DE [85] 1999-08-27 [86] 1998-02-26 (PCT/EP98/01084) [87] 1998-09-03 (WO98/38159) [30] DE (197 07 969.5) 1997-02-27</p>
<p style="text-align: right;">[21] <b>2,281,901</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B41M 5/00</b> [25] EN [54] <b>THERMAL DYE DIFFUSION COATING AND SUBSTRATE</b> [54] <b>SUBSTRAT ET REVETEMENT THERMIQUE A DIFFUSION DE COLORANT</b> [72] KRONZER, FRANCIS JOSEPH, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-08-20 [86] 1998-03-13 (PCT/US98/05017) [87] 1998-10-08 (WO98/43822) [30] US (60/043,040) 1997-03-31 [30] US (60/043,203) 1997-04-08 [30] US (09/027,515) 1998-02-20</p>	<p style="text-align: right;">[21] <b>2,282,279</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/14 6C07D 401/04 6C07D 417/06 6C07D 403/14 6C07D 413/14 6C07D 417/14 6A61K 31/505</b> [25] EN [54] <b>ATROPISOMERS OF 3-HETEROARYL-4(3H)-QUINAZOLINONES FOR THE TREATMENT OF NEURODEGENERATIVE AND CNS-TRAUMA RELATED CONDITIONS</b> [54] <b>ATROPISOMERES DE 3-HETEROARYL-4(3H)-QUINAZOLINONES POUR LE TRAITEMENT DES TROUBLES NEURODEGENERATIFS ET DES TROUBLES LIES A UN TRAUMATISME DU SYSTEME NERVEUX CENTRAL</b> [72] CHENARD, BERTRAND LEO, US [72] DEVRIES, KEITH MICHAEL, US [72] WELCH, WILLARD McKOWAN JR., US [71] PFIZER PRODUCTS INC., US [85] 1999-08-27 [86] 1998-02-06 (PCT/IB98/00151) [87] 1998-09-03 (WO98/38187) [30] US (60/038,540) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,282,369</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26D 1/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DIE JAM PROTECTION/ ANTICIPATION AND CORRECTION</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT D'EVITER, D'ANTICIPER ET DE CORRIGER LES BOURRAGES DE MATRICE</b> [72] LUKAS, DANIEL G., US [72] GENTILE, JOSEPH P., US [72] MARTIN, VAUGHN H., US [71] VAMCO INTERNATIONAL, INC., US [85] 1999-08-25 [86] 1998-03-04 (PCT/US98/04232) [87] 1998-09-11 (WO98/39145) [30] US (08/813,828) 1997-03-06</p>
		<p style="text-align: right;">[21] <b>2,282,374</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09D 5/03</b> [25] EN [54] <b>TRIBOELECTRIC CHARGEABLE COATING POWDER</b> [54] <b>PEINTURES EN POUDRE POUVANT ETRE CHARGES DE FACON TRIBO-ELECTRIQUE</b> [72] SCHLOSSER, ULRIKE, DE [72] RIESTENPATT, HELMUT, DE [72] BOYSEN, ROLF, DE [72] HILGER, CHRISTOPH, DE [72] CZECH, ERWIN, DE [72] SCHRODER, GUNTHER-RUDOLF, DE [72] SENS, BENNO, DE [72] MAYER, UDO, DE [71] BASF COATINGS AG, DE [85] 1999-08-27 [86] 1998-11-25 (PCT/EP98/07607) [87] 1999-06-10 (WO99/28396) [30] DE (197 52 759.0) 1997-11-28</p>

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<p style="text-align: right;">[21] <b>2,282,380</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 7/40 6G01S 13/34 6G01S 7/35</b> [25] EN [54] <b>METHOD FOR THE OPERATION OF A SENSOR SYSTEM AND SENSOR SYSTEM</b> [54] [72] VOSSIEK, MARTIN, DE [72] HEIDE, PATRIC, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 1999-08-26 [86] 1998-02-25 (PCT/DE98/00559) [87] 1998-09-03 (WO98/38524) [30] DE (197 08 239.4) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,282,400</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G21C 9/00 6B01D 29/33</b> [25] EN [54] <b>BWR EMERGENCY CORE COOLING SYSTEM STRAINER</b> [54] <b>CREPINE POUR SYSTEME DE REFROIDISSEMENT D'URGENCE DU NOYAU D'UN BWR</b> [72] SIBIGA, DAVID L., US [71] ABB COMBUSTION ENGINEERING NUCLEAR POWER, INC., US [85] 1999-08-31 [86] 1997-09-16 (PCT/US97/16493) [87] 1998-09-11 (WO98/39780) [30] US (08/812,146) 1997-03-06</p>	<p style="text-align: right;">[21] <b>2,282,583</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 5/06 6A61M 37/00 6C09J 11/06 6A61K 47/10 6A61K 9/70</b> [25] EN [54] <b>PLASTICIZER AND PATCH CONTAINING THE SAME</b> [54] [72] ODA, HIDESHI, JP [72] HIRASHIMA, NOBUCHIKA, JP [72] MIYATA, DAISUKE, JP [71] HISAMITSU PHARMACEUTICAL CO., INC., JP [85] 1999-08-17 [86] 1998-01-14 (PCT/JP98/00121) [87] 1999-07-22 (WO99/36061)</p>
<p style="text-align: right;">[21] <b>2,282,394</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 5/10</b> [25] EN [54] <b>RETROVIRAL VECTORS, METHODS FOR THEIR PREPARATION AND THEIR USE FOR GENE TRANSFER INTO CD4-POSITIVE CELLS</b> [54] <b>VECTEURS RETROVIRAUX, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LE TRANSFERT GENIQUE DANS DES CELLULES POSITIVES CD-4</b> [72] STITZ, JORN, DE [72] CICHUTEK, KLAUS, DE [71] BUNDESREPUBLIK DEUTSCHLAND, LETZTVERTRETEN DURCH DEN PRÄSIDENTEN DES PAU, DE [85] 1999-08-26 [86] 1998-02-27 (PCT/DE98/00593) [87] 1998-09-03 (WO98/38325) [30] DE (197 07 971.7) 1997-02-27 [30] DE (198 08 438.2) 1998-02-27</p>	<p style="text-align: right;">[21] <b>2,282,505</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 2/18 6C11D 3/386</b> [25] EN [54] <b>CONTACT LENS CARE AGENT</b> [54] [72] STURM, ALBERT, DE [71] STURM, ALBERT, DE [85] 1999-08-24 [86] 1998-02-27 (PCT/EP98/01109) [87] 1998-09-03 (WO98/37921) [30] DE (197 08 135.5) 1997-02-28 [30] DE (197 29 831.1) 1997-07-11</p>	<p style="text-align: right;">[21] <b>2,282,594</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09B 62/51</b> [25] EN [54] <b>WATER-SOLUBLE AZO COMPOUNDS AND PROCESS FOR THE PREPARATION THEREOF</b> [54] <b>COMPOSES AZO SOLUBLES DANS L'EAU ET PROCEDE DE PREPARATION CORRESPONDANT</b> [72] UENO, RYUZO, JP [72] KITAKA, MASAHARU, JP [72] MINAMI, KENJI, JP [72] KITAYAMA, MASAYA, JP [71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP [85] 1999-08-26 [86] 1998-12-21 (PCT/JP98/05755) [87] 1999-07-08 (WO99/33925) [30] JP (9/359396) 1997-12-26</p>
<p style="text-align: right;">[21] <b>2,282,507</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/14</b> [25] EN [54] <b>FACILITY FOR DESALINATING OR PURIFYING SEA WATER OR BRACKISH WATER BY MEANS OF SOLAR ENERGY</b> [54] <b>INSTALLATION POUR DESSALER OU PURIFIER DE L'EAU DE MER OU DE L'EAU SAUMATRE AU MOYEN D'ENERGIE SOLAIRE</b> [72] MARKOPULOS, JOHANNES, AT [71] MARKOPULOS, JOHANNES, AT [85] 1999-08-23 [86] 1998-03-10 (PCT/AT98/00061) [87] 1998-09-17 (WO98/40313) [30] AT (A 417/97) 1997-03-11</p>	<p style="text-align: right;">[21] <b>2,282,595</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 3/10 6B05B 15/02 6B05D 1/02 6B05B 5/08 6B05B 12/14</b> [25] EN [54] <b>COATING METHOD FOR ROTARY ATOMIZING HEAD TYPE COATING DEVICE</b> [54] <b>PROCEDE DE REVETEMENT POUR DISPOSITIF DE REVETEMENT DE TYPE TETE DE PULVERISATION ROTATIVE</b> [72] YOSHIDA, OSAMU, JP [72] MATSUDA, HIDETSUGU, JP [71] ABB K.K., JP [85] 1999-08-26 [86] 1998-12-28 (PCT/JP98/05994) [87] 1999-07-22 (WO99/36183) [30] JP (10/18227) 1998-01-13</p>	

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<p style="text-align: right;">[21] <b>2,282,621</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/02</b> [25] EN [54] <b>A SURGICAL SET OF INSTRUMENTS</b> [54] <b>UN JEU D'INSTRUMENTS CHIRURGICAUX</b> [72] ROTH, KLAUS, DE [72] BUSS, GERHARD, DE [72] FRITSCH, KARL-GERD, DE [72] ALASEVIC, OLIVERA-JOSIMOVIC, DE [72] SCHURR, MARC O., DE [72] SAILE, HANS-JORG, DE [71] CO.DON GMBH GESELLSCHAFT FUR MOLEKULARE MEDIZIN UND BIOTECHNOLOGIE, DE [85] 1999-08-23 [86] 1998-02-20 (PCT/EP98/00969) [87] 1998-08-27 (WO98/36706) [30] DE (197 08 703.5) 1997-02-24</p>	<p style="text-align: right;">[21] <b>2,282,714</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 81/36 6A63H 33/08</b> [25] EN [54] <b>TOY INTERLOCKING BLOCK CONTAINER</b> [54] <b>BRIQUES DE CONSTRUCTION A EMBOITEMENT JOUETS SERVANT DE RECEPTACLE</b> [72] ZUCKER, ULRICH F., CA [72] LANE, GORDON SCOTT, US [71] SOCIÉTÉ DES PRODUITS NESTLÉ SA, CH [85] 1999-09-01 [86] 1999-02-12 (PCT/CA99/00129) [87] 1999-09-02 (WO99/43574) [30] CA (2,227,746) 1998-02-24</p>	<p style="text-align: right;">[21] <b>2,282,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 5/14 6A47L 7/04 6A47L 9/08</b> [25] EN [54] <b>VACUUM-CLEANER</b> [54] <b>ASPIRATEUR</b> [72] TAKEMOTO, RITUO, JP [71] TOSHIBA TEC KABUSHIKI KAISHA, JP [85] 1999-08-24 [86] 1998-12-24 (PCT/JP98/05845) [87] 1999-07-08 (WO99/33385) [30] JP (9-353942) 1997-12-24 [30] JP (9-355993) 1997-12-25 [30] JP (9-360245) 1997-12-26</p>
<p style="text-align: right;">[21] <b>2,282,639</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/57</b> [25] EN [54] <b>TREATMENT OF EOSINOPHIL-ASSOCIATED PATHOLOGIES, SUCH AS BRONCHIAL ASTHMA, WITH SYNERGISTIC COMBINATIONS OF GLUCOCORTICOCIDS AND A LOCAL ANESTHETICS</b> [54] <b>TRAITEMENT D'ETATS PATHOLOGIQUES LIES AUX EOSINOPHILES, TELS QUE L'ASTHME BRONCHIQUE, AU MOYEN DE COMPLEXES MEDICAMENTEUX A BASE DE GLUCOCORTICOSLEROIDES ET D'ANESTHESIQUES TOPIQUES</b> [72] GLEICH, GERALD J., US [71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US [85] 1999-08-25 [86] 1998-02-26 (PCT/US98/02960) [87] 1998-09-03 (WO98/37896) [30] US (08/805,623) 1997-02-26</p>	<p style="text-align: right;">[21] <b>2,282,765</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 15/18</b> [25] EN [54] <b>OPTIMIZING COMPUTER TASKS USING INTELLIGENT AGENT WITH MULTIPLE PROGRAM MODULES HAVING VARIED DEGREES OF DOMAIN KNOWLEDGE</b> [54] <b>SYSTEME ET PROCEDE POUR OPTIMISER LE RENDEMENT DE TACHES INFORMATIQUES AU MOYEN D'UN AGENT INTELLIGENT DOTE DE MODULES DE PROGRAMME MULTIPLES PRESENTANT DIVERS NIVEAUX DE CONNAISSANCES DE DOMAINE</b> [72] DELP, HELEN ROXLO, US [72] CRAGUN, BRIAN JOHN, US [72] BIGUS, JOSEPH PHILLIP, US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [85] 1999-09-01 [86] 1998-03-12 (PCT/US98/04913) [87] 1998-10-22 (WO98/47059) [30] US (08/822,993) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,282,834</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 215/54 6C07D 221/04 6C07D 471/04 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 409/12 6C07D 417/12 6C07D 235/24 6C07D 241/24 6C07D 217/26 6C07D 237/28 6A61K 31/34 6A61K 31/38 6A61K 31/40 6A61K 31/415 6C07D 209/42 6A61K 31/425 6C07D 241/44 6A61K 31/455 6A61K 31/47 6A61K 31/495 6A61K 31/50 6C07D 277/68 6C07D 333/70 6C07D 213/81 6C07D 213/82 6C07D 307/85</b> [25] EN [54] <b>HETEROARYL-HEXANOIC ACID AMIDE DERIVATIVES, THEIR PREPARATION AND THEIR USE AS SELECTIVE INHIBITORS OF MIP-1-ALPHA BINDING TO ITS CCR1 RECEPTOR</b> [54] <b>DERIVES AMINES DE L'ACIDE HETEROARYLE-HEXANOIQUE, LEUR PREPARATION, ET LEUR UTILISATION COMME INHIBITEURS SELECTIFS DU MIP-1 ALPHA PAR FIXATION A SON RECEPTEUR CCR1</b> [72] KATH, JOHN CHARLES, US [72] POSS, CHRISTOPHER STANLEY, US [72] BROWN, MATTHEW FRANK, US [71] PFIZER INC., US [85] 1999-08-25 [86] 1998-02-05 (PCT/US98/01568) [87] 1998-09-03 (WO98/38167) [30] US (60/039,169) 1997-02-26</p>

## Demandes PCT entrant en phase nationale

[21] **2,282,841**

[13] A1

[51] **Int.Cl. 6C07K 14/755 6A61K 38/37**  
[25] EN  
[54] **METHOD FOR PURIFYING FACTOR VIII/VWF COMPLEX BY CATION-EXCHANGE CHROMATOGRAPHY**  
[54] **PROCEDE DE PURIFICATION D'UN COMPLEXE FACTEUR VIII/FACTEUR DE VON WILLEBRAND (VWF) PAR CHROMATOGRAPHIE SUR ECHANGEUR DE CATIONS**  
[72] EIBL, JOHANN, AT  
[72] MITTERER, ARTUR, AT  
[72] THOMAS-URBAN, KATHRIN, DE  
[72] DORNER, FRIEDRICH, AT  
[72] FISCHER, BERNHARD, AT  
[72] SCHONBERGER, OYVING L., AT  
[71] BAXTER AKTIENGESELLSCHAFT, AT  
[85] 1999-08-26  
[86] 1998-02-27 (PCT/AT98/00043)  
[87] 1998-09-03 (WO98/38220)  
[30] AT (A 338/97) 1997-02-27

[21] **2,282,843**

[13] A1

[51] **Int.Cl. 6C07K 14/755 6A61K 38/37**  
[25] EN  
[54] **PURIFICATION OF VON WILLEBRAND FACTOR BY CATION EXCHANGER CHROMATOGRAPHY**  
[54] **PURIFICATION DU FACTEUR DE VON WILLEBRAND PAR CHROMATOGRAPHIE SUR ECHANGEUR DE CATIONS**  
[72] FISCHER, BERNHARD, AT  
[72] EIBL, JOHANN, AT  
[72] DORNER, FRIEDRICH, AT  
[72] MITTERER, ARTUR, AT  
[72] FIEDLER, CHRISTIAN, AT  
[72] SCHONBERGER, OYVIND L., AT  
[71] BAXTER AKTIENGESELLSCHAFT, AT  
[85] 1999-08-26  
[86] 1998-02-18 (PCT/AT98/00034)  
[87] 1998-09-03 (WO98/38219)  
[30] AT (A 337/97) 1997-02-27

[21] **2,282,842**

[13] A1

[51] **Int.Cl. 6C07K 14/755 6A61K 38/38**  
[25] EN  
[54] **METHOD FOR OBTAINING HIGH-PURITY VWF OR FACTOR VIII/VWF COMPLEX**  
[54] **PROCEDE PERMETTANT D'OBTENIR UN FACTEUR DE VON WILLEBRAND (VWF) OU UN COMPLEXE FACTEUR VIII**  
[72] DORNER, FRIEDRICH, AT  
[72] FIEDLER, CHRISTIAN, AT  
[72] MITTERER, ARTUR, AT  
[72] EIBL, JOHANN, AT  
[72] FISCHER, BERNHARD, AT  
[71] BAXTER AKTIENGESELLSCHAFT, AT  
[85] 1999-08-26  
[86] 1998-02-18 (PCT/AT98/00033)  
[87] 1998-09-03 (WO98/38218)  
[30] AT (A 339/97) 1997-02-27

[21] **2,282,849**

[13] A1

[51] **Int.Cl. 6C02F 9/00 6D21C 9/00 6D21C 11/00**  
[25] EN  
[54] **PROCESS FOR TREATING WASTEWATER**  
[54] **PROCEDE DE TRAITEMENT DES EAUX RESIDUAIRES**  
[72] BRYANT, PATRICK, US  
[72] BASTA, JIRI, SE  
[71] AKZO NOBEL N.V., NL  
[85] 1999-09-02  
[86] 1998-02-20 (PCT/SE98/00309)  
[87] 1998-09-11 (WO98/39258)  
[30] EP (97850036.1) 1997-03-07

[21] **2,283,355**

[13] A1

[51] **Int.Cl. 6A61G 5/06 6A61G 5/04**  
[25] EN  
[54] **CURB-CLIMBING FRONT WHEEL DRIVE POWER WHEELCHAIR**  
[54] **FAUTEUIL ROULANT MOTORISE A TRACTION AVANT ET CAPABLE DE MONTER SUR DES BORDURES DE TROTTOIR**  
[72] MULHERN, JAMES P., US  
[72] SCHAFFNER, WALTER E., US  
[72] WHITE, GERALD J., US  
[72] ANTONISHAK, STEPHEN J., US  
[71] PRIDE HEALTH CARE, INC., US  
[85] 1999-10-05  
[86] 1998-04-14 (PCT/US98/07543)  
[87] 1998-10-22 (WO98/46184)  
[30] US (60/041,973) 1997-04-15

## **PCT Applications Entering the National Phase**

## Canadian Divisional and Previously Unavailable Laid-Open applications

### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,278,878**  
[13] A1  
[51] Int.Cl. 6C12Q 1/68 6C07H 21/00  
6C07K 1/04 6B01J 19/08  
[25] EN  
[54] VERY LARGE SCALE  
IMMOBILIZED PEPTIDE SYNTHESIS  
[54] SYNTHESE DE PEPTIDES  
IMMOBILISES A TRES GRANDE  
ECHELLE  
[72] FODOR, STEPHEN P. A., US  
[72] PIRRUNG, MICHAEL C., US  
[72] STRYER, LUBERT, US  
[72] READ, J. LEIGHTON, US  
[71] AFFYMAX TECHNOLOGIES N.V.,  
NL  
[22] 1990-06-07  
[43] 1990-12-08  
[62] 2,054,706  
[30] US (362,901) 1989-06-07  
[30] US (492,462) 1990-03-07

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[21] **2,282,888**  
[13] A1  
[51] Int.Cl. 7C07K 7/06 7A61K 38/08  
7A61K 39/35  
[25] EN  
[54] ANTI-INFLAMMATORY,  
TOLEROGENIC AND  
IMMUNOINHIBITING PROPERTIES  
OF CARBOHYDRATE BINDING  
PEPTIDES  
[54] PROPRIETE ANTI-  
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IMMUNO-INHIBANT ET  
TOLERABILITE DES PEPTIDES LIANT  
LES GLUCIDES  
[72] ARMSTRONG, Glen D., CA  
[72] HEERZE, Louis D., CA  
[72] SMITH, RICHARD, CA  
[71] ALBERTA RESEARCH COUNCIL,  
CA  
[22] 1993-10-04  
[43] 1994-04-14  
[62] 2,145,881  
[30] US (07/956,043) 1992-10-02  
[30] US (07/995,503) 1992-12-21

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[21] **2,282,889**  
[13] A1  
[51] Int.Cl. 6G09G 5/06  
[25] EN  
[54] LINE OBJECT SCENE  
GENERATION APPARATUS  
[54] APPAREIL SERVANT A GENERER  
UNE SCENE CONSTITUEE DE BANDES  
DE REPRESENTATION D'OBJET  
[72] DEANGELIS, DOUGLAS J., US  
[72] CIHOLAS, MIKE, US  
[72] SIGEL, KIRK, US  
[71] LYNX SYSTEM DEVELOPERS, INC.,  
US  
[22] 1995-06-28  
[43] 1996-01-11  
[62] 2,193,740  
[30] US (08/265,063) 1994-06-28

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[21] **2,282,890**  
[13] A1  
[51] Int.Cl. 7C07D 413/06 7C07D 403/06  
7C07D 417/06 7C07D 401/14 7C07D 413/  
14 7C07D 417/14 7A61K 31/40 7A61K 31/  
41 7A61K 31/44  
[25] EN  
[54] THERAPEUTIC HETEROCYCLIC  
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[54] COMPOSES HETEROCYCLIQUES  
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[72] MARTIN, GRAEME RICHARD, GB  
[72] HILL, ALAN PETER, GB  
[72] GLEN, ROBERT CHARLES, GB  
[72] ROBERTSON, ALAN DUNCAN, GB  
[71] THE WELLCOME FOUNDATION  
LIMITED, GB  
[22] 1991-06-06  
[43] 1991-12-08  
[62] 2,064,815  
[30] GB (9012672.3) 1990-06-07  
[30] GB (9102182.4) 1991-02-01

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[21] **2,282,891**  
[13] A1  
[51] Int.Cl. 6H04B 7/155  
[25] EN  
[54] COMMUNICATION SYSTEM  
UTILIZING RADIATING  
TRANSMISSION LINE  
[54] SYSTEME DE COMMUNICATION  
UTILISANT UNE LIGNE DE  
TRANSMISSION RAYONNANTE  
[72] LIBER, PAUL WILLIAM, CA  
[72] GRAHAM, GERALD, CA  
[71] MINE RADIO SYSTEMS INC., CA  
[22] 1994-09-14  
[43] 1996-03-15  
[62] 2,132,036

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[21] **2,282,892**  
[13] A1  
[51] Int.Cl. 6H04Q 7/22 6H04Q 7/32  
[25] EN  
[54] LAYER 2 PROTOCOL IN A  
CELLULAR COMMUNICATION  
SYSTEM  
[54] PROTOCOLE DE NIVEAU 2 DANS  
UN RESEAU CELLULAIRE DE  
TELECOMMUNICATIONS  
[72] PERSSON, BENGT, SE  
[72] HOFF, ANDERS CARL ERIC, SE  
[72] DIACHINA, JOHN WALTER, US  
[72] RAITH, ALEX K., US  
[72] SAMMARCO, ANTHONY J., US  
[71] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[22] 1994-11-01  
[43] 1995-05-11  
[62] 2,152,946  
[30] US (08/147,254) 1993-11-01  
[30] US (08/331,816) 1994-10-31

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[21] **2,282,898**

[13] A1

[51] **Int.Cl. 6H01J 9/02 6H01J 1/30**  
[25] EN  
[54] **ELECTRON-EMITTING DEVICE AND METHOD OF MANUFACTURING THE SAME AS WELL AS ELECTRON SOURCE AND IMAGE FORMING APPARATUS COMPRISING SUCH ELECTRON-EMITTING DEVICES**  
[54] **DISPOSITIF EMETTEUR D'ELECTRONS; PROCEDE DE FABRICATION DE CE DISPOSITIF; SOURCE D'ELECTRONS ET APPAREIL DE VISUALISATION COMPORTANT CE TYPE DE DISPOSITIF**  
[72] YAMANUBE, MASATO, JP  
[72] YAMAMOTO, KEISUKE, JP  
[72] TSUKAMOTO, TAKEO, JP  
[72] HAMAMOTO, YASUHIRO, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 1995-09-22  
[43] 1996-03-23  
[62] 2,158,886  
[30] JP (6-252730) 1994-09-22  
[30] JP (6-259074) 1994-09-29  
[30] JP (7-97168) 1995-03-29  
[30] JP (7-266199) 1995-09-21

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[21] **2,282,903**

[13] A1

[51] **Int.Cl. 6B41F 17/00 6B41M 3/14**  
[25] EN  
[54] **MONEY ORDER IMPRINTER**  
[54] **DISPOSITIF D'IMPRESSION DE MANDATS BANCAIRES OU POSTAUX**  
[72] KOPER, ROBERT P., US  
[72] KONIECZKA, HOWARD R., US  
[71] PAYMASTER TECHNOLOGIES, INC., US  
[22] 1990-10-04  
[43] 1991-04-11  
[62] 2,026,964  
[30] US (07/418,670) 1989-10-10

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[21] **2,282,910**

[13] A1

[51] **Int.Cl. 6B41F 15/00 6B41M 3/14 6B41F 31/16**  
[25] EN  
[54] **MONEY ORDER IMPRINTER**  
[54] **DISPOSITIF D'IMPRESSION DE MANDATS BANCAIRES OU POSTAUX**  
[72] KONIECZKA, HOWARD R., US  
[72] KOPER, ROBERT P., US  
[71] PAYMASTER TECHNOLOGIES, INC., US  
[22] 1990-10-04  
[43] 1991-04-11  
[62] 2,026,964  
[30] US (07/418,670) 1989-10-10

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[21] **2,282,912**

[13] A1

[51] **Int.Cl. 6G06F 1/32**  
[25] EN  
[54] **COMPUTER POWER MANAGEMENT SYSTEM**  
[54] **DISPOSITIF DE GESTION D'ENERGIE POUR ORDINATEUR**  
[72] HOOKS, DOUGLAS A., US  
[72] BRADSHAW, GAVIN A., US  
[72] FAIRBANKS, JOHN P., US  
[72] BANERJEE, BISWA R., US  
[72] STONE, RODERICK W., US  
[72] CULLIMORE, IAN H.S., US  
[72] SCHLICHTING, GRAYSON C., US  
[72] HARPER, LEROY D., US  
[71] FUJITSU PERSONAL SYSTEMS, INC., US  
[22] 1990-06-29  
[43] 1990-12-31  
[62] 2,063,413  
[30] US (373,440) 1989-06-30  
[30] US (436,642) 1989-11-13

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TELECOMMUNICAT	2,270,000	FEJES, Thomas	2,268,996	GREWAL, Anant K.S.	2,235,309
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CRIMMINS, Terence E.	2,269,001	BATIMENT	2,267,521	GUIGONIS, Jacques Marius	
CROTEAU, André	2,231,991	FERCO INTERNATIONAL		Louis	2,269,511
CRYOVAC INC.	2,264,398	FERRURES ET		HAEGELI, Françoise	2,269,430
DAINIPPON INK AND		SERRURES DE		HAGIWARA, Hisashi	2,268,691
CHEMICALS, INC.	2,269,561	BATIMENT	2,267,613	HALTERBAUM, Steven G.	2,269,993
DAJNKO, Milan	2,235,505	FERRAZ DATE INDUSTRIES	2,269,016	HANDLEY, Luke	2,235,654
DALLAIRE, Normand	2,233,414	FERRETTI, Andrea	2,235,354	HAO, Zhimin	2,269,587
DANIELI & C. OFFICINE		FERRISS, David B.	2,269,101	HARADA, Hiroshi	2,270,000
MECCANICHE SPA	2,269,009	FINETECH ENTERPRISES		HARN, Nancy Kay	2,269,262
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DAVIS, Richard B.	2,269,185	FINETECH ENTERPRISES		TECHNOLOGIES, INC.	2,260,302
DE SILVA, Amesh	2,269,907	LTD.	2,241,641	HARPER, Richard Waltz	2,269,262
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DETTSON INC.	2,232,540	FORTIN, Jean-Guy	2,231,747	HAZAN, Charles	2,269,305
DeVERNA, Joseph W.	2,269,179	FORWARD TECHNOLOGY		HEBCO INTERNATIONAL	
DICKMAN, Jim L.	2,269,161	INDUSTRIES	2,235,425	INC.	2,232,015
DICONNE, Robert	2,267,514	FOSTER, J. Danny	2,264,398	HEBERT, Paul	2,232,015
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DLASK, Jiri	2,260,521	T M.B.H.	2,269,365	HITACHI, LTD.	2,269,170
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DRAPAL, Bernd	2,269,404	COMPANY, LTD.	2,269,431	HIVELY, Terry E.	2,269,185
DRESSER INDUSTRIES, INC.	2,235,865	FUJISE, Masayuki	2,270,000	HOLLOWAY, Mike	2,235,516
DRISCOLL, Patrick J.	2,267,397	FUJITA, Hiroshi	2,235,523	HOLSTEN, Stuart V.	2,269,392
DROULLARD, Jack T.	2,269,155	FUKUE, Ichiro	2,268,685	HORMEL FOODS	
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DUPRE, Karine	2,269,430	GAL, Erez	2,269,394	HOUGHTON, Patrick A.	2,268,999
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ELF ATOCHEM ITALIA S.R.L.	2,269,454	GIBSON, Laura	2,228,852	HURTEL, Patrice	2,269,305
ELF ATOCHEM S.A.	2,267,609	GIGUERE, Martial	2,230,277	HUTHMACHER, Klaus	2,269,404
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ELI LILLY AND COMPANY	2,269,256	GIVAUDAN ROURE		ILLINOIS TOOL WORKS INC.	2,267,397
ELI LILLY AND COMPANY	2,269,262	(INTERNATIONAL) SA	2,269,451	ILLINOIS TOOL WORKS INC.	2,267,423
ELLIOTT, Laura	2,269,399	GLOMBOWSKI, Fred	2,228,861	INLAND STEEL COMPANY	2,269,439
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ENDOH, Hiroyuki	2,269,566	PHARMACEUTICALS		PETROLE	2,267,569
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ESTERER, Ulrike	2,269,482	GOTO, Sogo	2,269,953	CORPORATION	2,268,370
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COYNE, MICHAEL	2,281,729	DOBRIN, GEORGE CHRISTOPHER	2,281,718	ENGBERG, KRISTIAN	2,281,655
CRAGUN, BRIAN JOHN	2,281,724	DOBSON, GRAYLAND PAGE	2,281,564	ENGBERG, KRISTIAN	2,281,657
CRAGUN, BRIAN JOHN	2,282,765	DOBSON, MARY	2,281,530	ENGEHAUSEN, RUDIGER	2,281,089
CRAIG, DAVID	2,281,692	DOHNALEK, MARGARET H.	2,281,706	ENGLAND, MELVIN GERRARD	2,281,759
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DEL NAJA, ALCIDE	2,281,555	EIBL, JOHANN	2,282,842	FISCHER, BERNHARD	2,282,842
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CORPORATION	2,281,725	KAPAZ, RONALD	2,281,536	KUNISAKI, SHINICHI	2,281,743
INTERNATIONAL BUSINESS		KARABIN, LYNNETTE M.	2,281,640	KUYPERS, JOHANNES	
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IOFFE, EDWARD	2,281,672	KATH, JOHN CHARLES	2,282,834	FOUNDATIONS LIMITED	2,281,759
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PROSCRIPT, INC.	2,281,224	RUDOLPH, GERALD J.	2,281,612	SCHULLER, UWE	2,281,728
PROSS, EVELYN	2,281,586	RUMP, HANNS	2,282,621	SCHONBERGER, OYVIND L.	2,282,843
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PUPPE, LOTHAR	2,281,801	RUTGERS, WINAND REIJER	2,281,476	SCHULER, JOSEPH	2,281,542
QIU, BO	2,281,614	RUTNER, ALVIN B.	2,281,796	SCHULMAN, JOSEPH H.	2,281,880
QRS DIAGNOSTIC, LLC	2,281,497	RYER, JACK (Deceased)	2,281,611	SCHURR, MARC O.	2,282,621
QUICK, JOHN KIRBY	2,281,695	RYTHER, KEITH B.	2,281,222	SCHUSTER, UTE	2,281,529
R.J. REYNOLDS TOBACCO COMPANY	2,281,564	SABINSA CORPORATION	2,281,614	SCHWARTZ, DAVID A.	2,281,838
RABINOWITZ, MICHAEL HOWARD	2,281,664	SAFETY EQUIPMENT SWEDEN AB	2,281,587	SCIENTIFIC LEARNING CORP. SCIENTIFIC LEARNING CORPORATION	2,281,757
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RANDELL, WILLIAM FRANCIS	2,281,694	SANBORN, WARREN G.	2,276,049	SEKISUI CHEMICAL CO., LTD.	2,281,540
RÄSÄNEN, JUHA	2,281,767	SANBORN, WARREN G.	2,281,518	SEKISUI CHEMICAL CO., LTD.	2,281,654
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SIGMA-TAU INDUSTRIE		INC.	2,281,682	MANAGEMENT GMBH	2,281,222
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SIMON, PETER	2,281,605	SRIVASTAVA, PRAMOD K.	2,280,945	TALLAL, PAULA	2,281,644
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SINVENT AS	2,281,773	STAAR SURGICAL COMPANY,		TANAKA, AKIHIRO	2,281,518
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WEIS, OTTO	2,281,092	DEVELOPMENT CO. LTD.	2,281,738		
WEISBURN, JAMES T.	2,281,629	YEH, OSCAR C.	2,281,679		
WEISBURN, JAMES T.	2,281,821	YISSUM RESEARCH			
WELCH, WILLARD McKOWAN		DEVELOPMENT			
JR.	2,282,277	COMPANY OF THE			
WELCH, WILLARD McKOWAN		HEBREW UNIVERSITY OF			
JR.	2,282,279	JERUSALE	2,281,599		
WELLS, TERRY G.	2,281,613	YLISELÄ, SEPPO A.	2,281,872		
WENDELBO, RUNE	2,281,773	YOO, JAEDEOK	2,281,473		
WEST, BRIAN D.	2,281,624	YOO, JAEDEOK	2,281,474		
WHITE, GERALD J.	2,283,355	YOSHIDA, OSAMU	2,282,595		
WHITFIELD, RUSSEL U.	2,281,683	YOSHIDA, YOICHI	2,281,725		
WHITFORD, WESLEY G.	2,281,882	YRKE, OYVIND	2,281,581		
WHITMORE, THEODORE E.	2,281,491	YU, XIUMING	2,281,566		
WIETHE, ROBERT WILLIAM	2,281,664	ZACHAU, MARTIN	2,281,761		
WIGGINS, E. TODD	2,281,610	ZAHM, CHARLES	2,281,604		
WILHOIT, DARREL LOEL	2,281,574	ZAPATA, GERARDO A.	2,281,794		
WILLIAM A. COOK AUSTRALIA		ZAVISLAN, JAMES M.	2,281,891		
PTY. LTD.	2,278,540	ZELAZOSKI, LEONARD			
WILLIAMS, CLARK CURTIS	2,281,561	EUGENE	2,281,507		
WILLIAMS, CLARK CURTIS	2,281,656	ZEN RESEARCH N.V.	2,281,677		
WILLIAMS, DAVID RANDALL	2,280,975	ZEN RESEARCH N.V.	2,281,790		
WILLIAMS, MATTHEW P.	2,281,629	ZENECA LIMITED	2,281,623		
WILLIAMS, MATTHEW P.	2,281,821	ZHAO, ZUCHUN	2,281,545		
WILLIAMS, PHILIP ELPHEE	2,281,823	ZHOU, YUNLI	2,281,899		
WILLKOMM, WAYNE R.	2,281,584	ZIENTEK, PAUL	2,281,503		
WILSON, ROBERT G.	2,281,668	ZIERDEN, DEAN	2,281,661		
WILTSHIRE, JOHN H. D.	2,281,687	ZLOTER, ISAAC	2,281,871		

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ARMSTRONG, Glen D.	2,282,888
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BRADSHAW, GAVIN A.	2,282,912
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CULLIMORE, IAN H.S.	2,282,912
DEANGELIS, DOUGLAS J.	2,282,889
DIACHINA, JOHN WALTER	2,282,892
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GLEN, ROBERT CHARLES	2,282,890
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KOPER, ROBERT P.	2,282,903
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MARTIN, GRAEME RICHARD	2,282,890
MINE RADIO SYSTEMS INC.	2,282,891
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TELEFONAKTIEBOLAGET LM ERICSSON	2,282,892
THE WELLCOME FOUNDATION LIMITED	2,282,890
TSUKAMOTO, TAKEO	2,282,898
YAMAMOTO, KEISUKE	2,282,898
YAMANUBE, MASATO	2,282,898