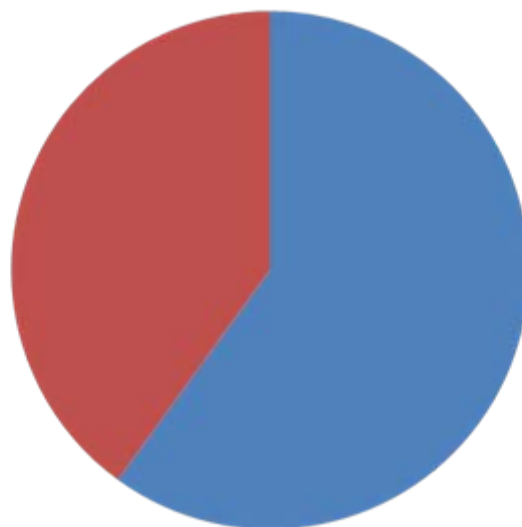


La recerca i l'ús de les fonts d'informació

21/6/2011



Entre el 30-50% de la R+D que es fa és duplicada

Despesa R+D a Europa (2004): 200 bilions€

A ningú se li ocurriria investigar
per a **inventar la roda...**



...perquè ja sabem que la roda ja ha
estat **descoberta**

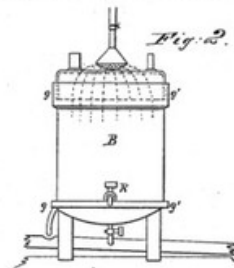
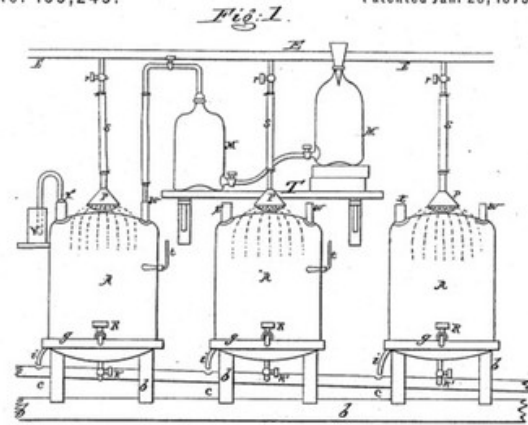
Sembla que hi ha un problema **de localització i accés** a la informació relacionada amb la recerca ja duta a terme

Una patent és un títol que confereix al seu titular certs drets d'exclusivitat sobre allò que ha inventat

La patent es sol·licita i sempre **es publica**

Les empreses que volen gaudir d'exclusivitat sobre els seus productes, han de patentar-los i per tant fer-los públics

L. PASTEUR.
Brewing Beer and Ale.
No. 135,245. Patented Jan. 28, 1873.

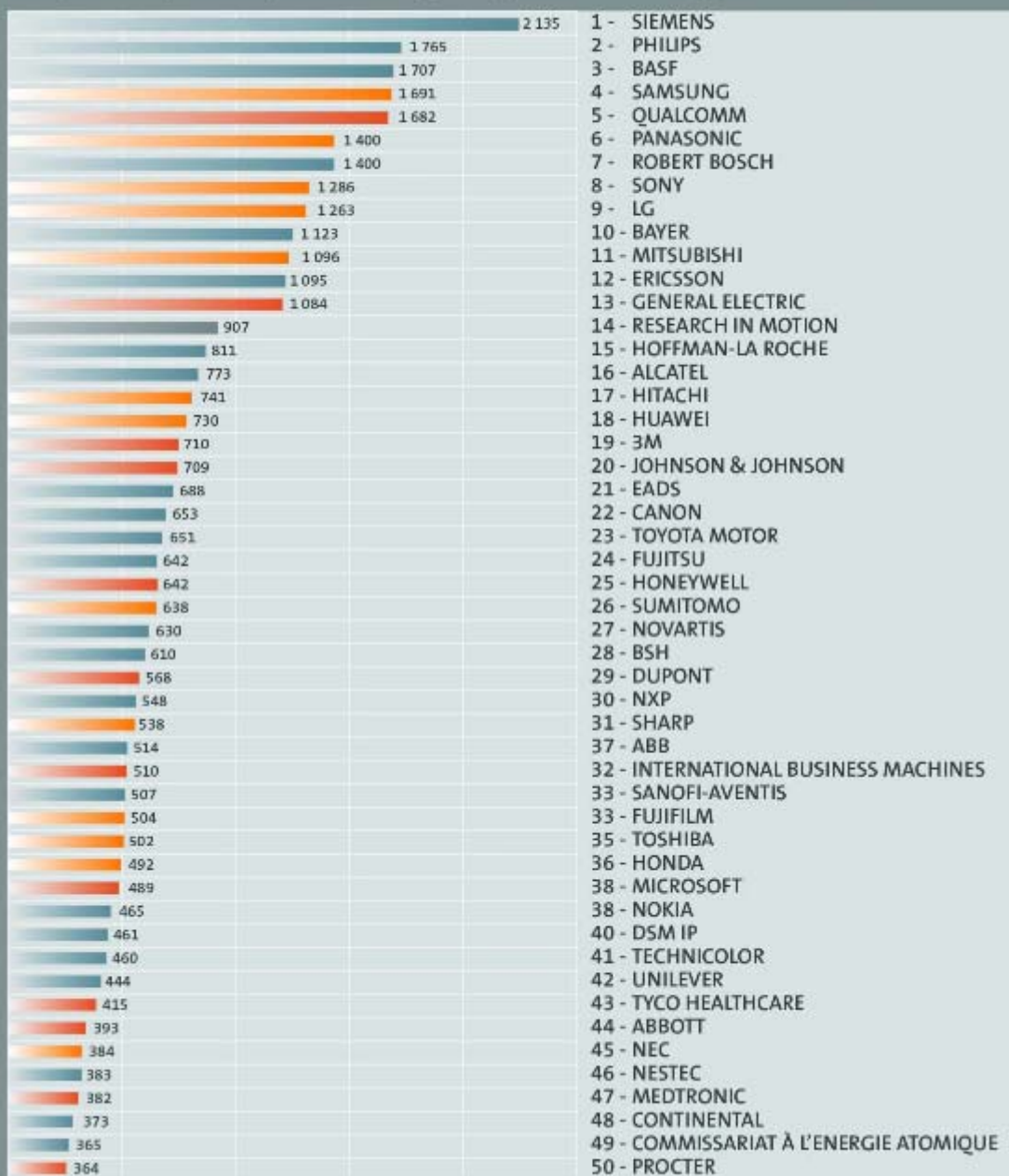


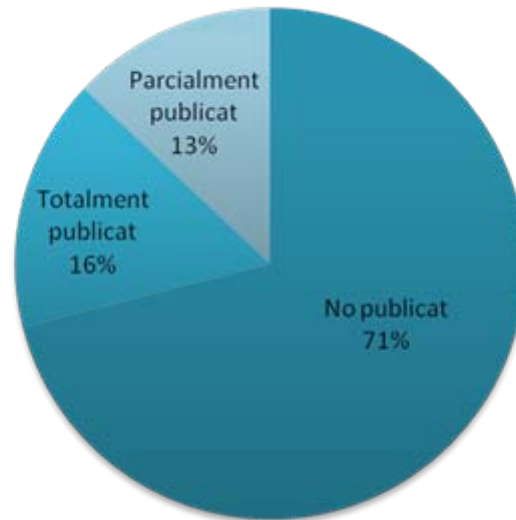
Witnesses,
C. Wolf
J. Heibel

Inventor
Louis Pasteur
By his attorney
C. M. Keller

Només a Europa (Oficina Europea de Patents) es sol·liciten a l'any més de **235.000 patents**

European companies top the list of largest applicants (Patent applications before the EPO)





Del que es publica com a **patent** la majoria **NO** es torna a publicar com article en **publicacions científiques**



Site search **Patent search**

Enter search term

Search current area only → [Advanced search](#)

Deutsch English Français
About us | Contact
[Service & support](#)

Home **Searching for patents** **Applying for a patent** **Law & practice** **News & issues** **Learning & events**

Free online services **Subscription products** **Asian patent information** **Patent information centres** **Essentials**

[Home](#) → [Searching for patents](#) → [Free online services](#) → Espacenet - patent search

Espacenet - patent search
Release notes & known issues
About searching in Espacenet
Fair use charter
From the world of Espacenet
European patent register
Register Alert
European publication server
European Patent Bulletin
Open Patent Services
EBD
IPscore

Espacenet

Worldwide patent search

Espacenet offers free access to more than 70 million patent documents worldwide, containing information about inventions and technical developments from 1836 to today.

Direct access

Access Espacenet at the EPO

Search the EPO's databases in German, English and French

Access Espacenet at the European Commission

Search the EPO's databases in German, English and French

Access Espacenet at national and regional offices

Search using an interface in your language

Print

See also

→ [Patent Information News](#)

Events

East meets West 2011

Forum on Asian patent information

14/15 April 2011
Vienna, Austria

SmartSearch

Quick search

Advanced search

Number search

Classification search

SmartSearch

SmartSearch: **i**

Siemens EP 2007

Clear

SEARCH

Maintenance news -

Scheduled Maintenance

Please note that due to necessary maintenance, there may be outages to Espacenet on Sunday the 27th of March from 10:00 to 18:00CET → [read more...](#)

News flashes +

Latest updates +

Local coverage +

Related links +

Welcome to the new look Espacenet.

Numerically, this is actually version 5 but we don't really know what happened to version 4! Although it looks radically different, Espacenet v.5 delivers the same quality document search service as its predecessor. You'll see that the user interface has been completely redesigned, but this is more than just a cosmetic face-lift. We've also taken the chance to improve the lay-out, usability, ergonomics, and navigation, using contemporary design criteria, in consultation with the user community. You'll also notice the new look Espacenet logo

But new functions and features haven't been forgotten either. In v.5 first release we've included an export-to-Excel function, RSS feeds, breadcrumb navigation, query history, amongst others. These features have been developed and implemented after collecting feedback from you, the users, as always.

For a limited period, v.5 Espacenet will run in parallel with the legacy systems at ep.espacenet.com and v3.espacenet.com. to enable users to become familiar with the new Espacenet v.5. However we expect to turn off the legacy systems in one or two months' time. We recommend that you bookmark the new URLs now. If you're one of the 90% of Espacenet users who access the service directly: <http://worldwide.espacenet.com/> is the URL to remember.

National offices will gradually adopt and customise the new GUI for their own Espacenet instances.

We hope you enjoy searching with the new Espacenet v.5. We thrive on feedback and we'd like to hear yours - tell us what you think about the new Espacenet GUI.

Write to Espacenet@epo.org

We're waiting to hear from you.

- SmartSearch
- Quick search
- Advanced search**
- Number search
- Classification search

Quick help —

- [How many terms can I enter per field?](#)
- [Can I search with a combination of words?](#)
- [Can I use truncation or wildcards?](#)
- [How do I enter publication, application, priority and NPL reference numbers?](#)
- [What is the difference between the IPC and the ECLA?](#)
- [What are the valid date formats?](#)
- [What are the admissible entries for a date range search?](#)

Related links +

Advanced search

1. Database

Select the database in which you wish to search: **i**

Worldwide - full collection of published patent applications from 80+ countries ▾

2. Search terms

Enter keywords in English - ctrl-enter expands the field you are in

Keyword(s) in title: **i** plastic and bicycle
eye AND laser

Keyword(s) in title or abstract: **i** hair

Publication number: **i** WO2008014520

Application number: **i** DE19971031696

Priority number: **i** WO1995US15925

Publication date: **i** yyyyymmdd

Applicant(s): **i** Institut Pasteur

Inventor(s): **i** Smith

European Classification (ECLA): **i** F03G7/10

International Patent Classification (IPC): **i** H03M1/12

[Clear](#)

SmartSearch

Quick search

Advanced search

Number search

Classification search

Quick help

- [Can I subscribe to an RSS feed of the result list?](#)
- [What does RSS reader do with the result list?](#)
- [Can I export the result list?](#)
- [What happens if I click on "Download covers"?](#)
- [Why is the number of results sometimes approximate?](#)
- [Why is the list limited to 500 results?](#)
- [Why could it be that a certain patent document is not displayed in the results list?](#)
- [Can I sort the result list?](#)
- [Why do I sometimes get results having a title which is not in English?](#)
- [What happens if I click on the star icon?](#)
- [What is an XP document?](#)

Related links

Result list 

Select all  Compact  Export (CSV | XLS)  Download covers (0)  Print

Approximately **435** results found in the Worldwide database for:
laser eye in the title

1 ▸

Sort by Sort order

1. **EYE-SAFE LASER-BASED LIGHTING**

★ Inventor: KRIJN MARCELLINUS P C M [NL] JAK MARTIN J J [NL]	Applicant: KONINKL PHILIPS ELECTRONICS NV [NL]	EC: F21K99/00S H01S5/0683	IPC: F21K99/00 G02F1/35 H01S5/00 (+2)	Publication info: EP2297827 (A2) 2011-03-23	Priority date: 2008-07-07
--	---	--	--	--	-------------------------------------

2. **Coupling of an eye to a laser device**

★ Inventor: KITTELMANN OLAF LI JING (+4)	Applicant: WAVELIGHT GMBH	EC: A61F9/009	IPC: A61F9/009	Publication info: AU2008361182 (A1) 2010-03-04	Priority date: 2008-08-25
---	-------------------------------------	---	--------------------------	---	-------------------------------------

3. **SYSTEM AND METHOD FOR PROVIDING LASER SHOT PATTERNS TO THE LENS OF AN EYE**

★ Inventor: FREY RUDOLPH W [US] BOTT STEVEN E [US] (+1)	Applicant: LENSAR INC [US] FREY RUDOLPH W [US] (+2)	EC: A61F9/008	IPC: A61B18/20	Publication info: WO2011011727 (A1) 2011-01-27	Priority date: 2009-07-24
--	---	---	--------------------------	---	-------------------------------------

4. **LASER SYSTEM AND METHOD FOR PERFORMING AND SEALING CORNEAL INCISIONS IN THE EYE**

★ Inventor: FREY RUDOLPH W [US] NARANJO-TACKMAN RAMON [MX]	Applicant: LENSAR INC [US] FREY RUDOLPH W [US] (+1)	EC: A61F9/011	IPC: A61F9/01	Publication info: WO2011011202 (A1) 2011-01-27	Priority date: 2009-07-24
--	---	---	-------------------------	---	-------------------------------------

5. **METHOD FOR LASER CORRECTION OF REFRACTIVE ERRORS OF AN EYE WITH A THIN CORNEA**

★ Inventor:	Applicant:	EC:	IPC:	Publication info:	Priority date:
--------------------	-------------------	------------	-------------	--------------------------	-----------------------

Search → Results page 1 → EP2297827 (A2)

EP 2297827 (A2)
Bibliographic data
Description
Claims
Mosaics
Original document
INPADOC legal status

Quick help —

- [What does A1, A2, A3 and B stand for after a publication number?](#)
- [What happens if I click on "In my patents list"?](#)
- [What happens if I click on the "Register" button?](#)
- [Why are some sidebar options deactivated for certain documents?](#)
- [How can I bookmark this page?](#)
- [Why does a list of documents with the heading "Also published as" sometimes appear, and what are these documents?](#)
- [What is a cited document?](#)
- [What are citing documents?](#)
- [What information will I find if I click on the link "View all"?](#)
- [Why do I sometimes find the abstract of a corresponding document?](#)
- [What happens if I click on the button "Translate this text?"](#)

Bibliographic data: EP 2297827 (A2)

★ In my patents list Previous ◀ 1 / 435 ▶ Next ↗ Register → Report data error  Print

EYE-SAFE LASER-BASED LIGHTING

Page bookmark [EP 2297827 \(A2\) - EYE-SAFE LASER-BASED LIGHTING](#)

Publication date: 2011-03-23

Inventor(s): KRIJN MARCELLINUS P C M [NL]; JAK MARTIN J J [NL] ±

Applicant(s): KONINKL PHILIPS ELECTRONICS NV [NL] ±

Classification:
 - **international:** [F21K99/00](#); [G02F1/35](#); [H01S5/00](#); [H01S5/068](#); [H01S5/0683](#)
 - **European:** [F21K99/00S](#); [H01S5/0683](#)

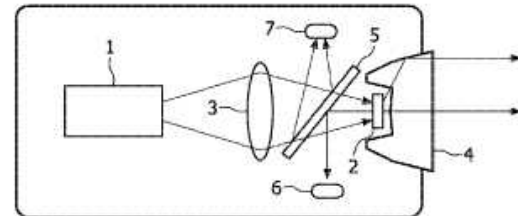
Application number: EP20090786488 20090630

Priority number(s): WO2009IB52837 20090630; EP20080104656 20080707; EP20090786488 20090630

 [View INPADOC patent family](#)

 [View list of citing documents](#)

Abstract not available for EP 2297827 (A2)



EP 2297827 (A2)

Bibliographic data

Description

Claims

Mosaics

Original document

INPADOC legal status

Quick help

- [What happens if I click on "In my patents list"?](#)
- [What happens if I click on the "Register" button?](#)
- [How can I maximise the page view?](#)
- [How can I download a document?](#)

Original document: EP 2297827 (A2)

★ In my patents list Previous ◀ 1 / 33 ▶ Register → Report data error  Print

EYE-SAFE LASER-BASED LIGHTING

◀ ◀ Page 1/1 ▶ ▶  Maximise  Download

(19)



(11) Veröffentlichungsnummer:

(11) Publication number: **EP 2 297 827 A0**

(11) Numéro de publication:

Internationale Anmeldung veröffentlicht durch die

La informació tècnica pot servir...

Per a veure el que **ja existeix** i no fer recerca sobre el mateix

però també...

Per a determinar si una invenció és **patentable**

Per a analitzar si **s'infringeixen** patents de tercers

Per a fer anàlisis de **vigilància competitiva** (què estan investigant els meus competidors, qui és un actor important en un determinat sector, etc.)

La informació tècnica pot servir...

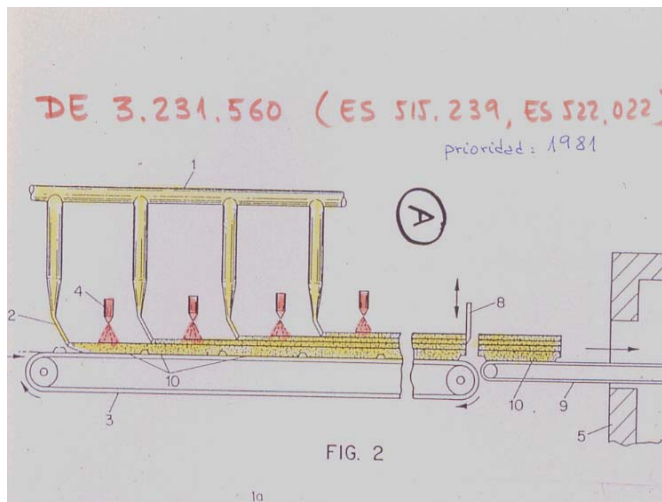
Per a veure el que **ja existeix** i no fer recerca sobre el mateix

però també...

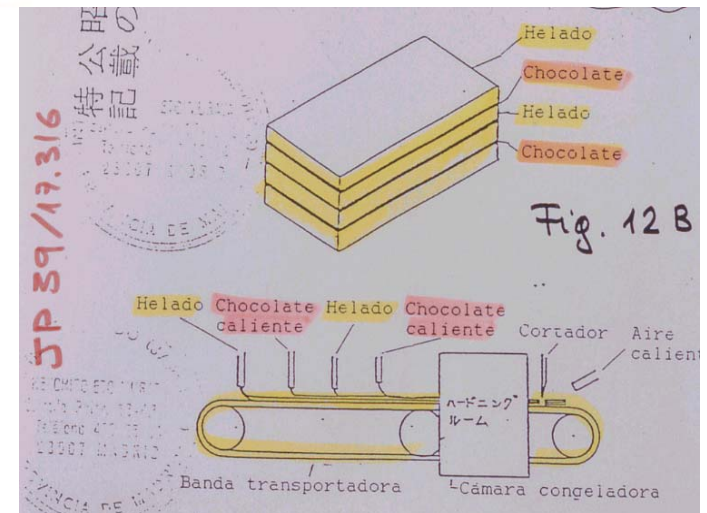
Per a determinar si una invenció és **patentable**

Per a a analitzar si **s'infringeixen** patents de tercers

Per a fer anàlisis de **vigilància competitiva** (què estan investigant els meus competidors, qui és un actor important en un determinar sector, etc.)



Patent d'UNILEVER (Frigo) protegint la tecnologia de producció dels gelats



Patent anterior, descoberta per NESTLÉ, que invalida la patent d'UNILEVER

La informació tècnica pot servir...

Per a veure el que ja existeix i no fer recerca sobre el mateix

però també...

Per a determinar si una invenció és patentable

Per a a analitzar si s'infringeixen patents de tercers

Per a fer anàlisis de vigilància competitiva (què estan investigant els meus competidors, qui és un actor important en un determinat sector, etc.)

October 28, 2007

Amgen Survives Another EPO Challenge

By [Kevin E. Noonan](#) --

Amgen's recombinant erythropoietin (EPO) franchise (Aranesp® and Epogen®, as well as Johnson & Johnson's Procrit®) survived another challenge last week, when a jury found that Hoffmann-LaRoche's pegylated EPO preparation (Mircera®) infringed three Amgen patents: U.S. Patent Nos. [5,547,933](#) (the '933 patent), [5,441,868](#) (the '868 patent), and [5,618,698](#) (the '698 patent). Two other patents asserted in the litigation were found not invalid: U.S. Patent Nos. [5,955,422](#) (the '422 patent, claim 1) and [5,756,349](#) (the '349 patent, claim 7); and the jury did not reach a determination with respect to infringement and validity for U.S. Patent No. [5,621,080](#) (the '080 patent).





3. A non-naturally occurring glycoprotein product of the expression in a mammalian host cell of an exogenous DNA sequence comprising a DNA sequence encoding human erythropoietin said product possessing the in vivo biological property of causing bone marrow cells to increase production of reticulocytes and red blood cells.



1. A process for the production of a glycosylated erythropoietin polypeptide having the in vivo biological property of causing bone marrow cells to increase production of reticulocytes and red blood cells comprising the steps of:

- (a) growing, under suitable nutrient conditions, mammalian host cells transformed or transfected with an isolated DNA sequence encoding human erythropoietin; and
- (b) isolating said glycosylated erythropoietin polypeptide therefrom.

 US005547933A	
United States Patent [19]	(11) Patent Number: 5,547,933
Lin	(45) Date of Patent: Aug. 20, 1996
[54] PRODUCTION OF ERYTHROPOIETIN	0117059 8/1984 European Pat. Off. . 0117060 8/1984 European Pat. Off.
[75] Inventor: Fu-Kuen	
[73] Assignee: Kirin-Am Calif.	
[21] Appl. No.: 487,774	
[22] Filed: Jun. 7, 1987	
Related U.S.	

 US005441868A	
United States Patent [19]	(11) Patent Number: 5,441,868
Lin	(45) Date of Patent: Aug. 15, 1995
[54] PRODUCTION OF RECOMBINANT ERYTHROPOIETIN	4,667,016 5/1987 Lai et al. 530/397 4,677,195 6/1987 Hewick et al. 530/397 (List continued on next page.)
FOREIGN PATENT DOCUMENTS	
[75] Inventor: Fu-Kuen Lin , Thousand Oaks, Calif.	0070685 1/1983 European Pat. Off. .
[73] Assignee: Kirin-Amgen, Inc. , Thousand Oaks, Calif.	(List continued on next page.)
OTHER PUBLICATIONS	
[21] Appl. No.: 113,179	Gething et al, Nature vol. 300 pp. 598-608 Dec. 16, 1982.
[22] Filed: Oct. 23, 1987	(List continued on next page.)
Related U.S. Application Data	
[63] Continuation of Ser. No. 675,298, Nov. 30, 1984, Pat. No. 4,703,008, which is a continuation-in-part of Ser. No. 561,024, Dec. 13, 1983, abandoned, and a continuation-in-part of Ser. No. 582,185, Feb. 21, 1984, abandoned, and Ser. No. 655,841, Sep. 28, 1984, abandoned.	<i>Primary Examiner</i> —James Martinell <i>Attorney, Agent, or Firm</i> —Marshall, O'Toole, Gerstein, Murray & Borun
[51] Int. Cl. ⁴	C12P 21/02; C12N 15/27
[52] U.S. Cl.	435/69.4; 435/240.1;
[57] ABSTRACT	

La informació tècnica pot servir...

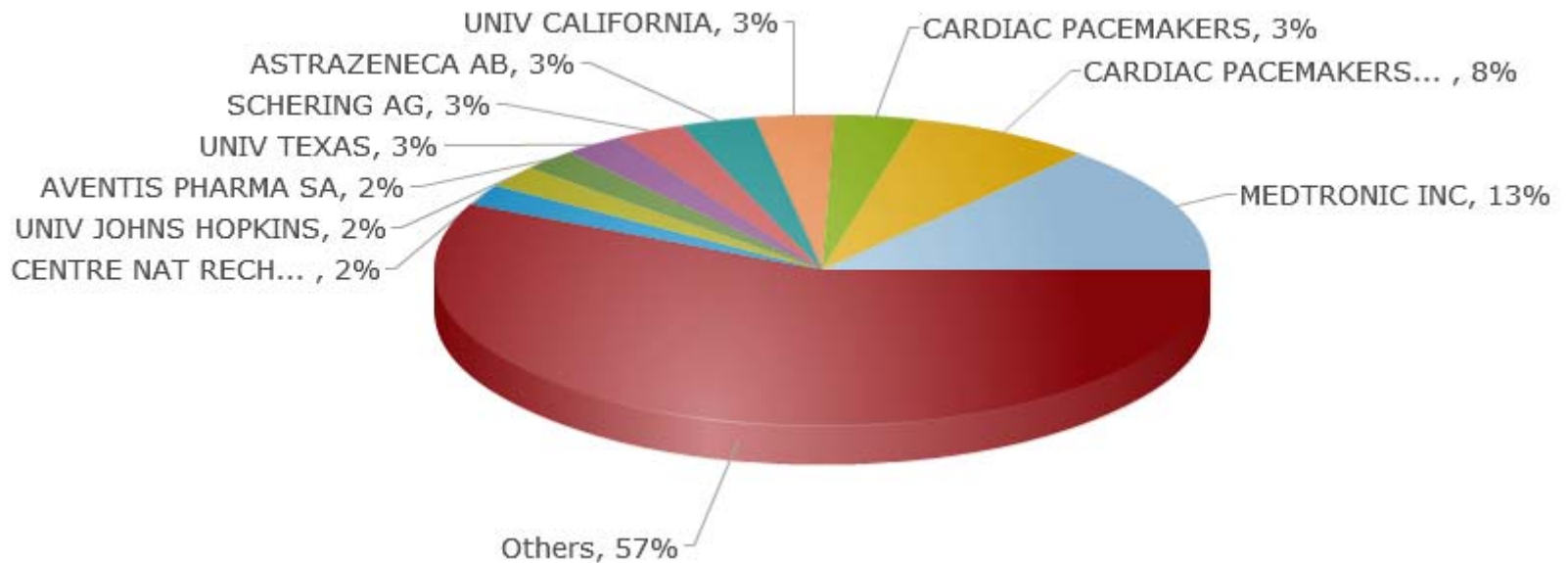
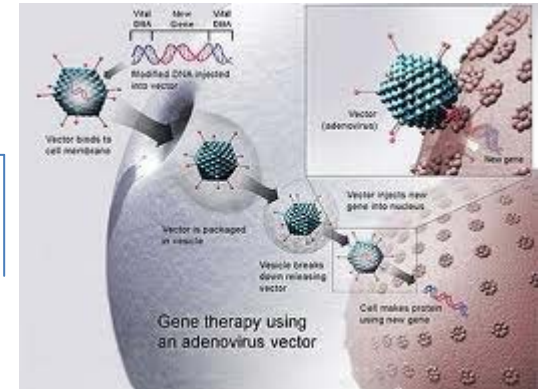
Per a veure el que **ja existeix** i no fer recerca sobre el mateix

però també...

Per a determinar si una invenció és **patentable**

Per a a analitzar si **s'infringeixen** patents de tercers

Per a fer anàlisis de **vigilància competitiva** (què estan investigant els meus competidors, qui és un actor important en un determinar sector, etc.)





Recuperar la informació és un problema conegut...

- A l'octubre de 1957 la Unió Soviètica va posar en òrbita el satèl·lit **Sputnik**
- El govern dels EEUU **va gastar 20 M\$** per a aconseguir la informació relacionada amb la senyal. Va necessitar 6 mesos per a "craquejar" el codi
- Nota: científics russos havien publicat la senyal del codi i una traducció a l'anglès **es podia trobar a les biblioteques dels EEUU setmanes abans**