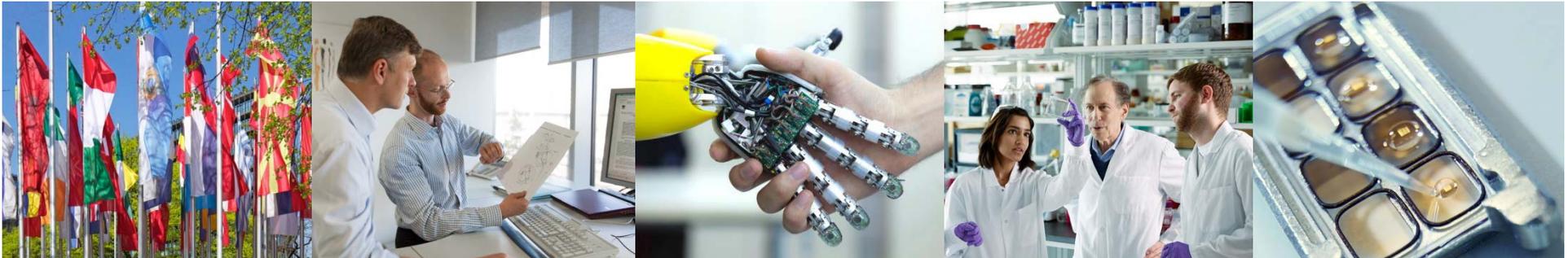




Europäisches  
Patentamt  
European  
Patent Office  
Office européen  
des brevets

# Monitoring with EPO products

European Patent Register, Espacenet, Global Patent Index



Andrée Lahaye, Yolanda Sánchez García, Johannes Schaaf

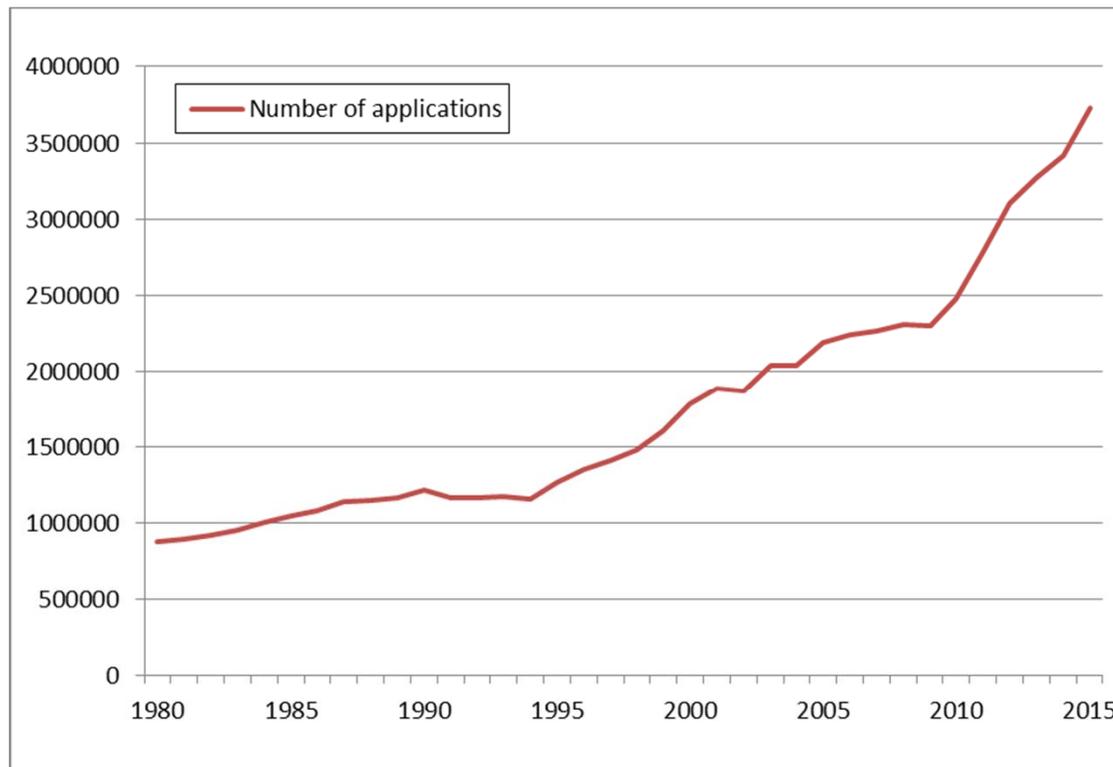
Promotion of Patent Information

Sept 2018

# Content

- **Introduction**
- European Patent Register
- Espacenet
- Global Patent Index

# Number of applications worldwide



Source : EPO Worldwide Patent Statistical Database (PATSTAT), October 2017 edition.

## Data flow

- Regular deliveries from patent authorities to the EPO often include recent and less recent publications, as well as updated legal status
  
- Publications and legal status data are
  - loaded in the EPO databases
  - processed
  - extracted for the EPO tools on a regular basis

# Types of patent monitoring

- Technical
- Competitor
- Legal

# Content

- Introduction
- **European Patent Register**
- Espacenet
- Global Patent Index

# European Patent Register – What is it?

Free online access to:

- **legal status** information
- **procedural status** information

of patent applications at the EPO

- **EP**
- **Euro-PCT**

during the **European phase**

► <https://www.epo.org/register>



# Patent monitoring with the European Patent Register

1. RSS feed
  - a) Search results
  - b) File inspection
2. Register Alert service

# 1. a) Search results – RSS feed

**Smart search**

Search term(s) ⓘ  
pa=Merck

*SmartSearch:* ti = amino and pa = Merck

**Search results** 

Refine search  Export (CSV | XLS)  Print

10 000 items found, displaying 1 to 20.  
Search term(s): pa = Merck

1 2 3 4 5 6 7 8 ▶▶

**FORMULATIONS CONTAINING A-ALUMINA FLAKES**

Application No.	Publication No.	Applicant	Representative	IPC
EP18165827	EP3366646	Merck Patent GmbH	...	C01F7/02 C01F7/34 C01F7/44 (+4)

**COMPOUNDS CONTAINING SI ATOMS FOR OPTICALLY ACTIVE DEVICES**

Application No.	Publication No.	Applicant	Representative	IPC
EP18706232	WO2018149857	Merck Patent GmbH	...	C07D311/12 A61F2/14 C07D407/04 (+4)

**HYDROPHOBIC COMPOUNDS FOR OPTICALLY ACTIVE DEVICES**

Application No.	Publication No.	Applicant	Representative	IPC
EP18706231	WO2018149855	Merck Patent GmbH	...	C07D311/16 C07D335/06 C08F124/00 (+2)

**HYDROPHILIC COMPOUNDS FOR OPTICALLY ACTIVE DEVICES**

Application No.	Publication No.	Applicant	Representative	IPC
EP18706230	WO2018149853	Merck Patent GmbH	...	C07D307/79 C07D409/04 C07D333/54 (+10)

# Search results – RSS feed

European Patent Register Search results  
You are viewing a feed that contains frequently updated content. When you subscribe to a feed, it is added to the Common Feed List. Updated information from the feed is automatically downloaded to your computer and can be viewed in Internet Explorer and other programs. Learn more about feeds.  
Subscribe to this feed

Displaying 100 / 100  
All 100

European Patent Register Search results  
13 September 2018, 13:58:13  
04 September 2018, 11:31:45 →

FORMULATIONS CONTAINING

DEVICE AND METHOD FOR MEASURING THE TOTAL ORGANIC CARBON CONTENT OF A SAMPLE FLUID  
13 September 2018, 13:58:13 →

LIQUID-CRYSTALLINE MEDIUM  
13 September 2018, 13:58:13 →

LIQUID-CRYSTALLINE MEDIUM AND LIQUID-CRYSTAL DISPLAY COMPRISING THE SAME  
13 September 2018, 13:58:13 →

FLOW-THROUGH FLUID PURIFICATION DEVICE AND MEANS FOR ACCOMMODATING A RADIATION SOURCE  
13 September 2018, 13:58:13 →

FLOW-THROUGH FLUID PURIFICATION DEVICE  
13 September 2018, 13:58:13 →

LIQUID-CRYSTAL MEDIUM  
13 September 2018, 13:58:13 →

COMPOSITION COMPRISING AVELUMAB  
13 September 2018, 13:58:13 →

Displaying 18 / 118  
All 118  
New 18  
Sort by:  
Date  
Title  
Mark feed as read  
View feed properties...

Links to the European Patent Register preserved

## Automated search

# 1. b) File inspection – All documents – RSS feeds

EP2937401
European procedure
About this file
Legal status
Federated register
Event history
Citations
Patent family
<b>All documents</b>



All documents: EP2937401 Dossier alert:  RSS

Refine search Selected documents Zip archive Previous 49 / 438 Next Espacenet Submit observations Report error Print

All documents(50) Search

<input type="checkbox"/>	Date	Document type	Procedure	Number of pages
<input type="checkbox"/>	09.02.2018	<a href="#">Communication regarding the expiry of opposition period</a>	Search / examination	1
<input type="checkbox"/>	20.06.2017	<a href="#">Request for correction of the publication</a>	Search / examination	1
<input type="checkbox"/>	14.06.2017	<a href="#">Communication concerning a request to change bibliographic data after the decision to grant/decision to maintain the patent in a</a>	Search / examination	1
<input type="checkbox"/>	08.05.2017	<a href="#">Request for correction of the publication</a>	Search / examination	1
<input type="checkbox"/>	04.05.2017	<a href="#">Request for correction of the publication</a>	Search / examination	3
<input type="checkbox"/>	06.04.2017	<a href="#">Transmission of the certificate</a>	Search / examination	1
<input type="checkbox"/>	09.03.2017	<a href="#">Decision to grant a European patent</a>	Search / examination	2
<input type="checkbox"/>	27.02.2017	<a href="#">Bibliographic data of the European patent application</a>	Search / examination	2
<input type="checkbox"/>	27.02.2017	<a href="#">Information about intention to grant a patent</a>	Search / examination	3
<input type="checkbox"/>	27.02.2017	<a href="#">Intention to grant (signatures)</a>	Search / examination	1
<input type="checkbox"/>	27.02.2017	<a href="#">Text intended for grant</a>	Search / examination	179
<input type="checkbox"/>	27.02.2017	<a href="#">Text intended for grant (clean copy)</a>	Search / examination	179
<input type="checkbox"/>	14.02.2017	<a href="#">Processing of request for correction of text proposed for grant or third party observations (from 01-04-2012)</a>	Search / examination	2
<input type="checkbox"/>	06.02.2017	<a href="#">Amended claims with annotations</a>	Search / examination	1
<input type="checkbox"/>	06.02.2017	<a href="#">Claims</a>	Search / examination	1

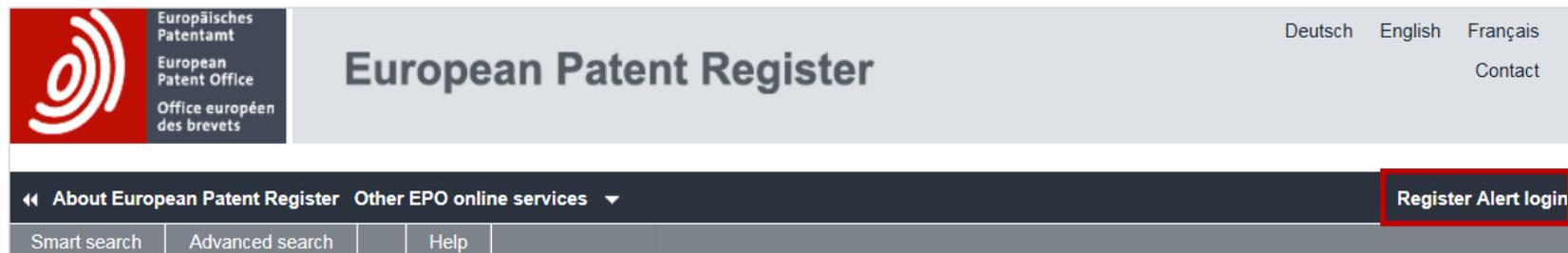
▶ **Monitor correspondence between the EPO and the applicant/attorney**

## 2. Register Alert - Monitoring files

- Monitors event changes to European Patent Register applications - up to **1000 files**
- When an event change in European Patent Register occurs - an e-mail notification is sent to up to **five e-mail addresses**
- The user can select which changes trigger a notification
- The user can customise the notification (content)
- Import and export lists of documents

# Register Alert - Monitoring files

- Secure environment
- For free
- Access via username and password



# Register Alert - Access

## Log in to Register Alert

Access Register Alert with password login

**Username:**

**Password:**

[→ Forgotten login details?](#)

[→ Enrol for a username and password](#)

[Clear](#)

# Register Alert – Search results

You have to be logged in

**Search results** 

 Refine search     Export (CSV | XLS)     Print

Add results of current page to list of monitored applications

Delete results of current page from list of monitored applications

10,000 items found, displaying 1 to 20.  
Search term(s): ic = H04L12    1 2 3 4 5 6 7 8 ▶▶

**SCALABLE BROADBAND METRO NETWORK ARCHITECTURE**

Application No.	Publication No.	Applicant	Representative	IPC
 P16164907	EP3082300	Ciena Corporation	Hughes, Andrea Michelle	H04L12/28 H04L12/24 H04L12/801

**CENTRALIZED ROUTING METHOD AND APPARATUS AND SYSTEM**

Application No.	Publication No.	Applicant	Representative	IPC
 EP16162686	EP3082308	FUJITSU LIMITED	Cooper-Rolfe, Elizabeth Louise	H04L12/721 H04L12/751 H04L12/717

**SLAVE DEVICE AND METHOD FOR CONTROLLING THE SAME**

Application No.	Publication No.	Applicant	Representative	IPC
 EP16162599	EP3082298	LSIS Co., Ltd.	Zacco Sweden AB	H04L12/26 H04L29/06 H04L12/24 (+1)

**METHOD OF AUTOMATICALLY SETTING PROTOCOL IN PROGRAMMABLE LOGIC CONTROLLER SYSTEM**

Application No.	Publication No.	Applicant	Representative	IPC
 P16161373	EP3082317	LSIS Co., Ltd.	Zacco Sweden AB	H04L29/06 H04L12/40

# Register Alert - Monitored applications list

European Patent Register

Deutsch English Français Contact

« About European Patent Register Other EPO online services » Register Alert logged in as [YSanchezGarcia1] Log out

Smart search Advanced search Search results **Monitored applications (105)** Help

**Monitored applications**

+ Add Edit Delete Mark as seen Mark as unseen Export Import Preferences Print

Can I customise the way my monitored applications are displayed?  
 Why does the application number appear in two of the columns in my list?  
 Can I search my monitored list by publication number?  
 How do I enter data in the description and reference fields?  
 Does the 'Date of change' reflect the last time anything happened in the file?  
 How do I convert the CSV file into an Excel table?

Maintenance news  
 News flashes  
 Related links

Monitored application Search Find in current view Appl./Publ. No. Search Reset

Sort by Seen Sort order ascending Sort

Select all

105 items found, displaying 1 to 10. 1 2 3 4 5 6 7 8 P H

**METHOD FOR BREEDING TOMATOES HAVING REDUCED WATER CONTENT AND PRODUCT OF THE METHOD**

<input type="checkbox"/> Seen	Appl./Publ. No.	Appl. No.	Publ. No.	Applicant	Date of Change	Reference	Description
<input type="radio"/>	EP00940724	00940724	EP1211926	STATE OF ISRAEL-MINISTRY OF AGRICULTURE	2016-08-03	EPOPIC12	Tomato case

**KAHALALIDE F AND RELATED COMPOUNDS**

<input type="checkbox"/> Seen	Appl./Publ. No.	Appl. No.	Publ. No.	Applicant	Date of Change	Reference	Description
<input type="radio"/>	EP01904169	01904169	EP1254162	PHARMA MAR, S.A.	2008-07-11		

**Flexible serrated trailing edge for wind turbine rotor blade**

<input type="checkbox"/> Seen	Appl./Publ. No.	Appl. No.	Publ. No.	Applicant	Date of Change	Reference	Description
<input type="radio"/>	ep1314885	02025882	EP1314885	Siemens Aktiengesellschaft	2014-12-12	CET	Climate change mitigation technology

**HIGHLY PORTABLE MEDIA DEVICE**

<input type="checkbox"/> Unseen	Appl./Publ. No.	Appl. No.	Publ. No.	Applicant	Date of Change	Reference	Description
<input checked="" type="radio"/>	EP05855368	05855368	EP1842201	APPLE INC.	2014-07-18		

**INORGANIC FIBER AND METHOD FOR MANUFACTURING THE SAME**

<input type="checkbox"/> Unseen	Appl./Publ. No.	Appl. No.	Publ. No.	Applicant	Date of Change	Reference	Description
<input checked="" type="radio"/>	ep1760051	06018034	EP1760051	Nichias Corporation	2016-08-12	3PO	Example 3PO

# Register Alert - Preferences

Europäisches Patentamt  
European Patent Office  
Office européen des brevets

Deutsch English Français  
Contact

European Patent Register

About European Patent Register Other EPO online services Register Alert logged in as [YSanchezGarcia1] Log out

Smart search Advanced search Search results Monitored applications (105) Help

## Preferences

**Maintenance news** -

**Scheduled maintenance**

Regular maintenance outages:  
between 05.00 and 05.15 hrs CET  
(Monday to Saturday).

2018.07.30  
→ [More...](#)

**News flashes** +

**Related links** +

**Table Settings** **Notification**

Choose a profile to define the events you would like to be informed of:

**Profile:**

- All events (All entries)
- All events (All entries)
- Main events (Substantial procedural actions) →
- Data published in the European Patent Bulletin

**List of events**

These include every entry in the European Patent Register that is of interest to you.

- A-publication
- Separate publication of search report
- Grant of patent (B1 publication)
- Patent maintained in amended form (B2 publication)
- Limitation of patent (B3 publication)
- Withdrawal by applicant
- Application deemed to be withdrawn
- Refusal of application
- Intention to grant a European patent
- No notice of opposition filed within time limit
- Filing of notice of opposition
- Rejection of opposition
- Revocation of patent in opposition proceedings
- Revocation of patent by the patent proprietor
- Closure of opposition proceedings
- Renewal fee paid
- Lapse of patent in a contracting state
- Licence

# Register Alert service – e-mail notification



Europäisches Patentamt  
European Patent Office  
Office européen des brevets

## European Patent Register - Monitored Applications

Account name: YSanchezGarcia1

Dear subscriber,

This message is to inform you that a change has occurred in respect of one or more items on the list of applications monitored by Yolanda Sanchez Garcia To see the latest Online European Patent Register data for the application(s) concerned, simply click on the relevant Appl./Publ. No.

### X-RAY SYSTEM WITH SWITCHING DEVICE

Appl./Publ. No.	Appl. No.	Reference	Date of change	Event
<a href="#">EP16798792</a>	16798792		2018-08-31	Publication in section I.1 EP Bulletin
<a href="#">EP16798792</a>	16798792		2018-08-31	Request for examination filed

### METHOD AND SYSTEM FOR PERFORMING CRASH ANALYSIS OF ONE OR MORE VEHICLES

Appl./Publ. No.	Appl. No.	Reference	Date of change	Event
<a href="#">EP15159226</a>	15159226		2018-08-31	Lapse of the patent in a contracting state Lapsed in: RO

*(The order in which events occurring on the same date are listed has no significance.)*

This e-mail alert is subject to the [EPO Online Services legal notices](#).

Please note that e-mails have no legal validity in proceedings under either the EPC or PCT. Read more under [www.epo.org/service-support/contact-us/disclaimer](http://www.epo.org/service-support/contact-us/disclaimer)

Account name and title displayed

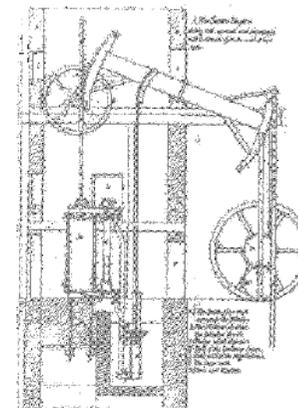
► **Monitor event changes to patent applications**

# Content

- Introduction
- European Patent Register
- **Espacenet**
- Global Patent Index

# Espacenet

- Free web service: [www.epo.org/espacenet](http://www.epo.org/espacenet)
- Worldwide bibliographic data collection
  - > 100 million data ( $\geq 1782$ )
  - > 100 patent authorities
  - > 80 million searchable abstracts in English
- Three searchable full-text collections
  - > 30 patent authorities (EN, DE, FR)
- Machine translation tool (Patent Translate)



<https://www.epo.org/searching-for-patents/technical/patent-additions.html>  
<https://www.epo.org/searching-for-patents/technical/full-text-additions.html>



# Espacenet

## Patent search

◀ About Espacenet Other EPO online services ▼

Search

Result list

★ My patents list (0)

Query history

Settings

Help

### Smart search

Advanced search

Classification search

### Quick help

- [How do I enter a query?](#)
- [What are field identifiers?](#)
- [Can I use truncation/wildcards?](#)
- [What date formats can I use?](#)
- [How do I enter a date range for a search?](#)

### Related links

## Smart search

Select the collection you want to search in ⓘ

- Worldwide - collection of published applications from 100+ countries
- Worldwide EN - collection of published applications in English
- Worldwide FR - collection des demandes publiées en Français
- Worldwide DE - Sammlung veröffentlichter Anmeldungen auf Deutsch

Enter your search terms

Smart search ⓘ

hair

malaria vaccine\*

Clear

Search

Refine search → Results page 1

Smart search  
 Advanced search  
 Classification search

Quick help

- [Can I subscribe to an RSS feed of the result list?](#)
- [What does the RSS reader do with the result list?](#)
- [Can I export my result list?](#)
- [What happens if I click on "Download covers"?](#)
- [Why is the number of results sometimes only approximate?](#)
- [Why is the list limited to 500 results?](#)
- [Can I deactivate the highlighting?](#)
- [Why is it that certain documents are sometimes not displayed in the result list?](#)
- [Can I sort the result list?](#)
- [What happens if I click on the](#)

Result list 

Select all (0/25)
  Compact

Approximately 930 results found in the Worldwide database for:  
**txt = malaria and txt = vaccine\*** using Smart search  
 Only the first 500 results are displayed.

Results are sorted by date of upload in database

1. Novel antigen for use in <b>malaria</b> , <b>vaccine</b>					
Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
★ AGUIAR JOAO CARLOS	CAMRIS INTERNATIONAL INC	<a href="#">A61K2039/5256</a> <a href="#">A61K2039/545</a> <a href="#">A61K2039/70</a> (+3)	A61K39/002 A61K39/015 A61P33/02 (+4)	AU2017219613 (A1) 2018-08-30	2016-02-17
2. A <b>MALARIA</b> , <b>VACCINE</b> AND METHODS FOR PRODUCING SAME					
Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
★ COWMAN ALAN	THE WALTER AND ELIZA		A61K39/10	WO2018152584 (A1)	2017-02-27

# Patent monitoring with Espacenet

1. Query history
2. Favorites / Bookmarks
3. RSS feed

# 1. Query history

Logo: Europäisches Patentamt / European Patent Office / Office européen des brevets

Espacenet Patent search

Deutsch English Français

Contact

Change country ▼

About Espacenet Other EPO online services

Search Result list My patents list (0) **Query history** Settings Help

Smart search  
Advanced search  
Classification search

Quick help

- [How do I activate the query history?](#)
- [How long will my query history be saved for?](#)
- [Is there a limit to the number of queries that can be saved?](#)

### Query history

Select all  Compact   Remove selected (0)

3 items in query history list

- 1. malaria vaccine\***  
malaria vaccine\* Smart search  
Approximately 930 results found in the Worldwide database on Wed, 05 Sep 2018 10:21
- 2. vehic\* assist\* driv\***  
vehic\* assist\* driv\* in the title, abstract or full text  
More than 10,000 results found in the WORLDWIDE EN database on Wed, 05 Sep 2018 10:20
- 3. clean energy, EP**  
clean energy in the title or abstract AND EP as the publication number  
Approximately 118 results found in the Worldwide database on Wed, 05 Sep 2018 10:19

[Refine search](#) → Results page 1

- Smart search
- Advanced search
- Classification search**

Quick help —

- [If I change my settings on one computer, will they be transferred to another?](#)
- [Do I need to enable cookies on my PC?](#)

## Settings

**1. Enable query history**

Tick the box to enable the query history

Number of query history entries to save:  ▼

**2. Enable classification popups**

The pop-up is available on search results list, bibliographic view and classification search

**3. Enable highlighting**

Tick the box to activate the highlighting of search terms

## 2. Favorites / Bookmarks

The screenshot shows the Espacenet website interface. The browser's address bar contains the URL: [https://worldwide.espacenet.com/searchResults?submitted=true&locale=fr\\_EP&DB=EPODOC&ST=singleline&query=malaria-](https://worldwide.espacenet.com/searchResults?submitted=true&locale=fr_EP&DB=EPODOC&ST=singleline&query=malaria-). The browser's favorites list on the right shows the following items:

- EPO
- Espacenet
- Espacenet - results view - Malaria vaccines

The main content area displays search results for the query "txt = malaria and txt = vaccine\* using Smart search". The results are sorted by date of upload in database. The first result is:

1. **Production of in vivo N-deglycosylated recombinant proteins by co-expression with Endo H**

Inventeur:	Demandeur:	CPC:	CIB:	Informations sur la publication:	Date de priorité:
★ MAMMEDOV TARLAN	MAMMEDOV TARLAN	C12N15/8242 C12N9/2402	C07K14/36 C12N15/82 C12N9/14	AU2015414199 (A1) 2018-06-14	2015-11-13

The second result is:

2. **EXTENDED PROTECTION PROTEIN VACCINES AGAINST INFECTIOUS AGENTS**

Inventeur:	Demandeur:	CPC:	CIB:	Informations sur la	Date de priorité:
★					

# 3. RSS feed

Result list

Approximately 926 results found in the Worldwide database for: **txt = malaria and txt = vaccine\*** using Smart search  
Only the first 500 results are displayed.

Les résultats sont triés par date de chargement dans la base de

1. **Production of in vivo N-deglycosylated recombinant pr**

<b>Inventeur:</b> MAMMEDOV TARLAN	<b>Demandeur:</b> MAMMEDOV TARLAN	<b>CPC:</b> C12N15/08 C12N9/24
---	--------------------------------------	--------------------------------------

2. **EXTENDED PROTECTION PROTEIN VACCINES AGAIN**

<b>Inventeur:</b> MARKHAM RICHARD [US]	<b>Demandeur:</b> CYVAX INC [US]	<b>CPC:</b>
--	-------------------------------------	-------------

3. **MALARIA VACCINE**

<b>Inventeur:</b> FUKUSHIMA AKIHISA [JP] TSUBOI TAKAFUMI [JP] (+2)	<b>Demandeur:</b> SUMITOMO DAINIPPON PHARMA CO LTD [JP] NATIONAL UNIV CORPORATION EHIME UNIV [JP]	<b>CPC:</b> A61K39/00 A61K39/00 A61K39/00 (+9)
---	---	--

**Espacenet search results - malaria vaccine\* Smart search**

03 September 2018, 18:07:47

Novel antigen for use in malaria vaccine

30 August 2018, 14:00:00 | AGUIAR JOAO CARLOS →

A MALARIA VACCINE AND METHODS FOR PRODUCING SAME

30 August 2018, 14:00:00 | COWMAN ALAN [AU]; HEALER JULIE [AU] (4) →

SERUM ANTIBODY ASSAY FOR DETERMINING PROTECTION FROM MALARIA, AND PRE-ERYTHROCYTIC SUBUNIT VACCINES

16 August 2018, 14:00:00 | FELGNER PHELIP [US]; HOFFMAN STEPHEN L [US] (2) →

NOVEL ANTIGEN FOR USE IN MALARIA VACCINE

24 August 2017, 14:00:00 | AGUIAR JOAO CARLOS [US] →

HETEROLOGOUS PRIME BOOST VACCINATION REGIMEN AGAINST MALARIA.

30 May 2013, 14:00:00 | RADOSEVIC KATARINA [NL]; MUNOZ ARIANE RODRIGUEZ (1) →

Showing 5 / 106 items

# Content

- Introduction
- European Patent Register
- Espacenet
- **Global Patent Index**

## What is Global Patent Index (GPI)?

- One of the subscription databases available in the Patent information services for experts user interface ([epo.org/gpi](http://epo.org/gpi))
- Enhanced searches in:
  - DOCDB            the EPO's worldwide bibliographic data collection, also used in Espacenet.
  - INPADOC        the EPO's worldwide legal status data collection

Fast, precise and detailed patent searches, patent monitoring, customisable results, simple statistics

## GPI data content

- Every week:
  - **New** publications (available for the **first time** in DOCDB/GPI)
  - **Amended** publications (amendments in the biblio. data of publications that are **not new** in DOCDB/GPI)
  
- “New publications” does not necessarily mean “newly published” (deliveries from patent offices often include recent and less recent publications)

## GPI data content

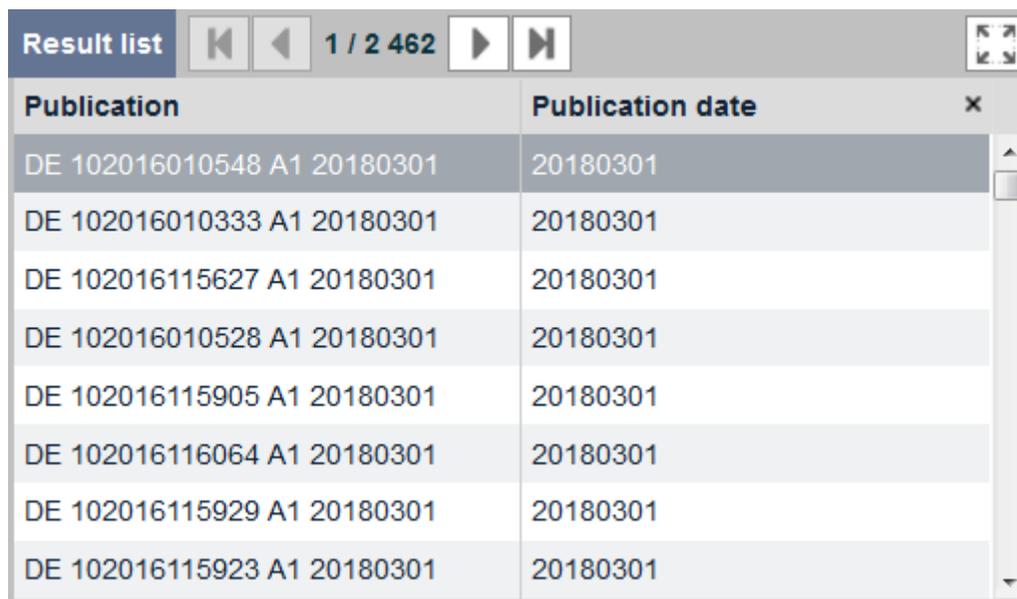
Example of GPI 2018/08 (search run on Friday 14/09 after 12:00 CET)

- Approx. 486 709 **new** publications in this month
- Approx. 62 570 **amended** publications in this month

## GPI monitoring key aspects

Example of GPI 2018/09 (search run on Friday 02/03 after 12:00 CET)

Case of **new** DE publications of the week – sorted **descending**:



The screenshot shows a search result list with a header bar containing navigation icons and the text '1 / 2 462'. The table below has two columns: 'Publication' and 'Publication date'. The first column contains patent numbers and dates, and the second column contains the publication date. A vertical scrollbar is visible on the right side of the table.

Publication	Publication date
DE 102016010548 A1 20180301	20180301
DE 102016010333 A1 20180301	20180301
DE 102016115627 A1 20180301	20180301
DE 102016010528 A1 20180301	20180301
DE 102016115905 A1 20180301	20180301
DE 102016116064 A1 20180301	20180301
DE 102016115929 A1 20180301	20180301
DE 102016115923 A1 20180301	20180301

New DE publications  
published 1 day before  
(received by the EPO  
before publication)

## GPI monitoring key aspects

Example of GPI 2018/09 (search run on Friday 02/03 after 12:00 CET)

Case of **new** DE publications of the week – sorted **ascending**:



The screenshot shows a search result list with a header bar containing navigation icons and the text "Result list" and "1 / 2 462". Below the header is a table with two columns: "Publication" and "Publication date". The table contains eight rows of data, with the first row highlighted in grey. A vertical scrollbar is visible on the right side of the table.

Publication	Publication date
DE 212016000029 U1 20170730	20170730
DE 202017005905 U1 20180111	20180111
DE 202017107025 U1 20180112	20180112
DE 202017006081 U1 20180117	20180117
DE 202017106871 U1 20180125	20180125
DE 202016105968 U1 20180125	20180125
DE 202014011135 U1 20180125	20180125
DE 202014011136 U1 20180125	20180125

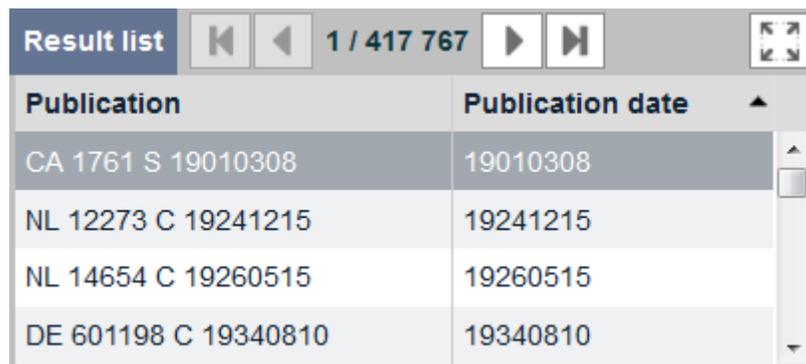
New DE publications  
published sometime  
ago

## GPI monitoring key aspects

Example of GPI 2018/09 (search run on Friday 02/03 after 12:00 CET)

Case of **new** publications of the previous month:

- Approx. 400.000 publications available for the time in February
- Publication date range from **1901** to **2018**



Result list 1 / 417 767

Publication	Publication date
CA 1761 S 19010308	19010308
NL 12273 C 19241215	19241215
NL 14654 C 19260515	19260515
DE 601198 C 19340810	19340810



Result list 1 / 417 767

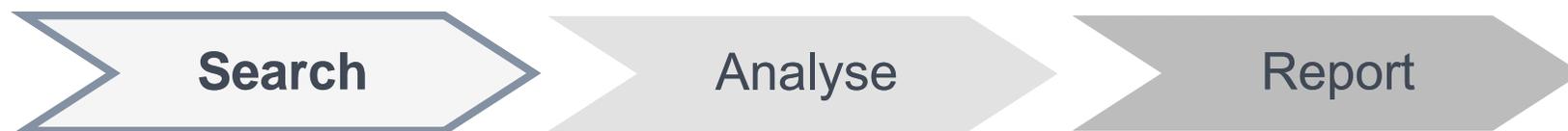
Publication	Publication date
DE 15756185 T1 20180222	20180222
DE 15864375 T1 20180222	20180222
DE 17161716 T1 20180222	20180222
DE 102016115224 A1 20180222	20180222

## GPI monitoring key aspects

- Monitoring using publication dates may not be relevant due to regular IPO deliveries containing recent and less recent publications
- Monitoring applies to **new** publications (exchanged for the first time from [the EPO worldwide bibliographic collection \(DOCDB\)](#), i.e. available for the first time in GPI)
- Amended publications are not monitor able (the nature of publication amendments are not searchable per se)

## GPI monitoring key aspects

- Monitoring of bibliographic data is based on the **Date of First Exchange** from DOCDB (criterion **DFE**)
- Monitoring is manual and consists of running searches at a given frequency, e.g. monthly, quarterly, and of producing result sets for subsequent analysis/reporting activities



## GPI monitoring in practice

A monitoring query usually includes:

- A **filtering part** including DFE (date of first exchange), e.g. **DFE** = 2018/08 for the monitoring of August run in September
- A **user specific part** including the bibliographic data to be monitored, e.g. a combination of classification symbols (e.g. **IPC**, **CPC**, **CNO**), applicant names (**APP**), etc.

The 2 parts are usually connected with the **AND** operator:

(**DFE** = 2018/08) **AND** (**IPC CPC CNO** = ... **AND APP** = ...)

## GPI monitoring in practice

What are the publications included for the first time in February in GPI for the technical fields and for the applicants/proprietors I want to monitor?

**DFE** = 201808 **AND IPC CPC CNO** = G06F **AND** H04L **AND APP** = "FREESCALE SEMICONDUCTOR" "KYOCERA" "GLOBALFOUNDRIES" "RENEASAS ELECTRONICS" "SAP" "MICROSOFT TECHNOLOGY" "HYNIX SEMICONDUCTOR" "RESEARCH IN MOTION" "HONGFUJIN PREC" "MATSUSHITA ELECTRIC" "AMAZON TECH" "BOSCH GMBH" "DENSO" "NOKIA" "FUJIFILM" "KONINKL PHILIPS ELECTRONICS" "EMC" "ZTE" "TEXAS INSTRUMENTS" "SIEMENS AG" "APPLIED MATERIALS" "LG ELECTRONICS" "ORACLE INT" "MICRON TECHNOLOGY" "QUALCOMM" "HUAWEI TECH" "BOE TECHNOLOGY GROUP" "MITSUBISHI ELECTRIC" "NEC" "TOKYO ELECTRON" "APPLE" "INFINEON TECHNOLOGIES" "PANASONIC" "SEIKO EPSON" "SEMICONDUCTOR ENERGY" "SAMSUNG DISPLAY" "SHARP" "TAIWAN SEMICONDUCTOR MFG" "HEWLETT PACKARD DEVELOPMENT" "HITACHI" "HON HAI PREC IND" "GOOGLE" "SONY" "INTEL" "CANON" "FUJITSU" "TOSHIBA" "MICROSOFT" "SAMSUNG ELECTRONICS" "IBM"

**Live demo**

## GPI monitoring in practice

Names in Asian languages are searchable in GPI



Names in Chinese, Japanese and Korean languages usually available in Latin alphabet within the following time schedules:

- CN: approx. 3 months
- JP: approx. 3 months
- KR: approx. 4 weeks

e.g. JP publications 3 months without names in Latin alphabet

# GPI monitoring in practice

## Quarterly monitoring of the University of Kyoto

- **DFE** [201801, 201808] **and PUC** = JP **and APP** = "UNIV KYOTO"  
76 publications
- **DFE** [201801, 201808] **and PUC** = JP **and APP** = 国立大学法人京都大学  
257 publications
- **DFE** [201801, 201808] **and APP** = "UNIV KYOTO" **or** 国立大学法人京都大学  
Combination Latin/Japanese recommended  
437 publications

- Data content
- GPI monitoring key aspects
- GPI monitoring in practice – live demo
- **GPI monitoring extensions – live demo**

## GPI monitoring extensions

The monitoring may be enhanced using the following:

- **CAPP**: who is citing the parties
- **OPP, THP**: parties filing oppositions or observations during EP proceedings
- **EVOW**: parties as new owners mentioned in legal event records
- **ISG**: focus on granted / not granted (... **and isg** = yes)
- **FAM**: exclude simple families with a member already retrieved by a previous monitoring ( ... **andnot fam** = *list of family IDs*)

**Live demo**

# Thank you for your attention



Yolanda Sánchez García  
Andrée Lahaye  
Johannes Schaaf

[ysanchez@epo.org](mailto:ysanchez@epo.org)  
[alahaye@epo.org](mailto:alahaye@epo.org)  
[jschaaf@epo.org](mailto:jschaaf@epo.org)

Acknowledgements for GPI content

Patrick Le Gonidec

[plegonidec@epo.org](mailto:plegonidec@epo.org)

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