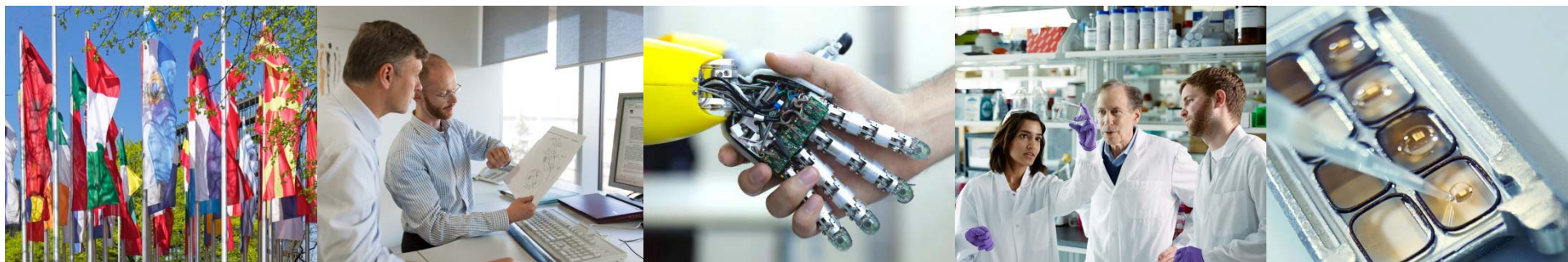




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Monitoring with EPO products

European Patent Register, Espacenet, Global Patent Index



Andrée Lahaye, Yolanda Sánchez García, Johannes Schaaf

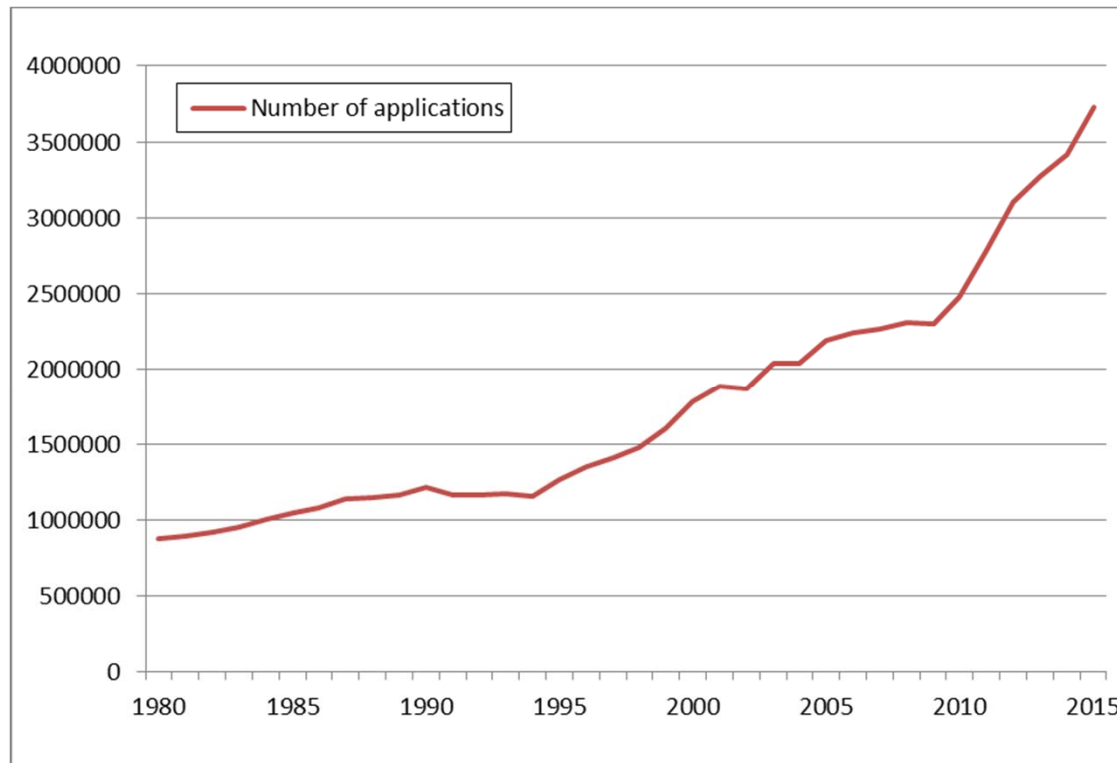
Promotion of Patent Information

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**](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

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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.
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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
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Links to the European Patent Register preserved

Automated search

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

EP2937401

European procedure

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Federated register

Event history


Citations

Patent family

All documents

→

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

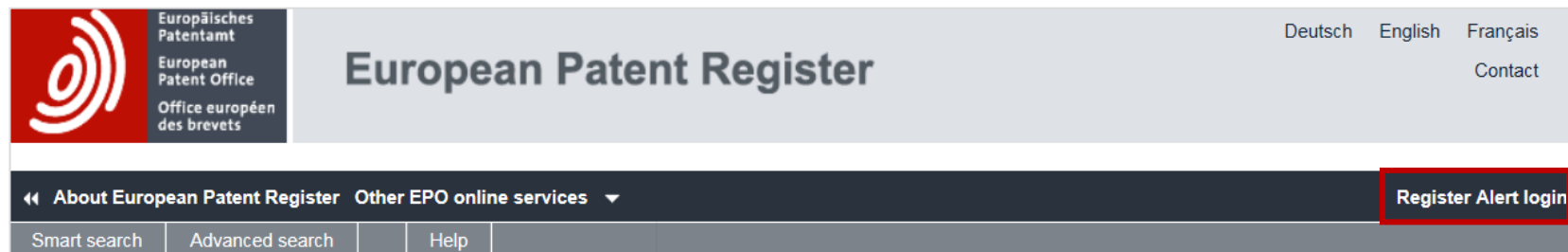
Monitor correspondence between the EPO and the applicant/attorney

2. Register Alert - Monitoring files

- Monitors event changes to European Patent Register applications - up to **1000 files**
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Register Alert – Search results

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Search results 


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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



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

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 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.

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

☐ Seen Appl./Publ. No. Appl. No. Publ. No. Applicant Date of Change Reference Description
 EP00940724 00940724 EP1211926 STATE OF ISRAEL-MINISTRY OF AGRICULTURE 2016-08-03 EPOPIC12 Tomato case

KAHALALIDE F AND RELATED COMPOUNDS

☐ Seen Appl./Publ. No. Appl. No. Publ. No. Applicant Date of Change Reference Description
 EP01904169 01904169 EP1254162 PHARMA MAR, S.A. 2008-07-11

Flexible serrated trailing edge for wind turbine rotor blade

☐ Seen Appl./Publ. No. Appl. No. Publ. No. Applicant Date of Change Reference Description
 ep1314885 02025882 EP1314885 Siemens Aktiengesellschaft 2014-12-12 CET Climate change mitigation technology


HIGHLY PORTABLE MEDIA DEVICE

☐ Unseen Appl./Publ. No. Appl. No. Publ. No. Applicant Date of Change Reference Description
 EP05855368 05855368 EP1842201 APPLE INC. 2014-07-18

INORGANIC FIBER AND METHOD FOR MANUFACTURING THE SAME

☐ Unseen Appl./Publ. No. Appl. No. Publ. No. Applicant Date of Change Reference Description
 ep1760051 06018034 EP1760051 Nichias Corporation 2016-08-12 3PO Example 3PO

Register Alert - Preferences



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Scheduled maintenance 
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(Monday to Saturday).
2018.07.30
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Preferences

Table Settings Notification

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

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All events (All entries)

Main events (Substantial procedural actions) →

Data published in the European Patent Bulletin

List of events

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☒ 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



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 |
|----------------------------|-----------|-----------|----------------|--|
| EP16798792 | 16798792 | | 2018-08-31 | Publication in section I.1 EP Bulletin |
| EP16798792 | 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 |
|----------------------------|-----------|-----------|----------------|---|
| EP15159226 | 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.)

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Account name and title displayed

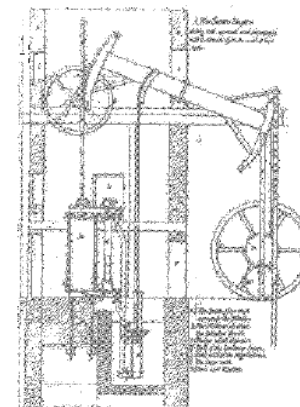
► **Monitor event changes to patent applications**

Content

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

Espacenet

- Free web service: www.epo.org/espacenet
- Worldwide bibliographic data collection
 - > 100 million data (≥ 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)



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

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 Worldwide DE - Sammlung veröffentlichter Anmeldungen auf Deutsch

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

Refine search → Results page 1

 Smart search
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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 malaria vaccine**

| ★ Inventor: | Applicant: | CPC: | IPC: | Publication info: | Priority date: |
|--------------------|--------------------------|--|---|---------------------------------|----------------|
| AGUIAR JOAO CARLOS | CAMRIS INTERNATIONAL INC | A61K2039/5256 A61K2039/545 A61K2039/70 (+3) | A61K39/002 A61K39/015 A61P33/02 (+4) | AU2017219613 (A1) 2018-08-30 | 2016-02-17 |

☐ 2. **A MALARIA VACCINE 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 |


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

Patent monitoring with Espacenet

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

1. Query history



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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  Export (CSV | XLS)  Remove selected (0)  Print

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

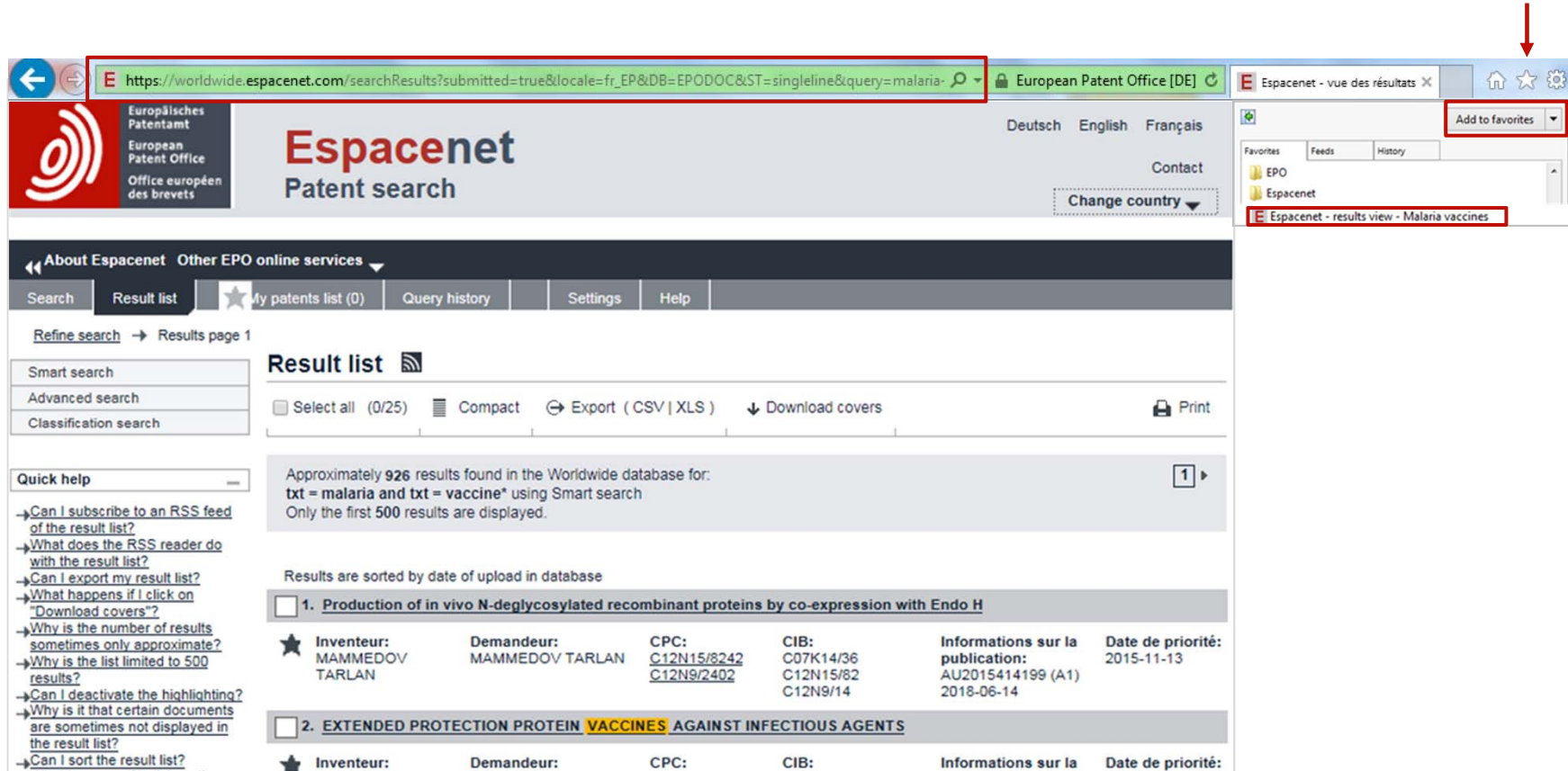
The pop-up is available on search results list, bibliographic view and classification search



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 displays the URL: https://worldwide.espacenet.com/searchResults?submitted=true&locale=fr_EP&DB=EPODOC&ST=singleline&query=malaria-. The website header includes the Espacenet logo, navigation links (Deutsch, English, Français), and a 'Contact' link. The main content area shows search results for 'malaria' and 'vaccine'. A red box highlights the 'Add to favorites' button in the top right corner of the browser window. The search results list includes two entries:

- 1. Production of in vivo N-deglycosylated recombinant proteins by co-expression with Endo H**
 Inventeur: MAMMEDOV TARLAN
 Demandeur: MAMMEDOV TARLAN
 CPC: C12N15/8242, C12N9/2402
 CIB: C07K14/36, C12N15/82, C12N9/14
 Informations sur la publication: AU2015414199 (A1)
 Date de priorité: 2018-06-14
- 2. EXTENDED PROTECTION PROTEIN VACCINES AGAINST INFECTIOUS AGENTS**
 Inventeur: MAMMEDOV TARLAN
 Demandeur: MAMMEDOV TARLAN
 CPC: C12N15/8242, C12N9/2402
 CIB: C07K14/36, C12N15/82, C12N9/14
 Informations sur la publication: AU2015414199 (A1)
 Date de priorité: 2018-06-14

3. RSS feed

The screenshot shows the Espacenet search results page for the query 'malaria vaccine'. The URL in the browser is https://worldwide.espacenet.com/searchResults?submitted=true&locale=fr_EP&DB=EPODOC&ST=singleline&query=malaria-. The page displays a list of search results, including patent entries for 'Production of in vivo N-deglycosylated recombinant protein', 'EXTENDED PROTECTION PROTEIN VACCINES AGAINST MALARIA', and 'MALARIA VACCINE'.

An RSS feed overlay is visible, titled 'Espacenet search results - malaria vaccine* Smart search'. It shows a list of search results with columns for 'Inventeur', 'Demandeur', and 'CPC'. The feed is displayed in a compact view, showing the first 500 results. The feed is titled 'Espacenet search results - malaria vaccine* Smart search' and shows a list of search results. The feed is displayed in a compact view, showing the first 500 results.

The feed items include:

- 1. Production of in vivo N-deglycosylated recombinant protein**
Inventeur: MAMMEDOV TARLAN
Demandeur: MAMMEDOV TARLAN
CPC: C12N15/08, C12N9/24
- 2. EXTENDED PROTECTION PROTEIN VACCINES AGAINST MALARIA**
Inventeur: MARKHAM RICHARD [US]
Demandeur: CYVAX INC [US]
CPC: A61K39/00, A61K39/02, A61K39/04, A61K39/06, A61K39/08, A61K39/10, A61K39/12, A61K39/14, A61K39/16, A61K39/18, A61K39/20, A61K39/22, A61K39/24, A61K39/26, A61K39/28, A61K39/30, A61K39/32, A61K39/34, A61K39/36, A61K39/38, A61K39/40, A61K39/42, A61K39/44, A61K39/46, A61K39/48, A61K39/50, A61K39/52, A61K39/54, A61K39/56, A61K39/58, A61K39/60, A61K39/62, A61K39/64, A61K39/66, A61K39/68, A61K39/70, A61K39/72, A61K39/74, A61K39/76, A61K39/78, A61K39/80, A61K39/82, A61K39/84, A61K39/86, A61K39/88, A61K39/90, A61K39/92, A61K39/94, A61K39/96, A61K39/98, A61K39/100
- 3. MALARIA VACCINE**
Inventeur: FUKUSHIMA AKIHISA [JP], TSUBOI TAKAFUMI [JP] (+2)
Demandeur: SUMITOMO DAINIPPON PHARMA CO LTD [JP], NATIONAL UNIV CORPORATION, EHIME UNIV [JP]
CPC: A61K39/00, A61K39/02, A61K39/04, A61K39/06, A61K39/08, A61K39/10, A61K39/12, A61K39/14, A61K39/16, A61K39/18, A61K39/20, A61K39/22, A61K39/24, A61K39/26, A61K39/28, A61K39/30, A61K39/32, A61K39/34, A61K39/36, A61K39/38, A61K39/40, A61K39/42, A61K39/44, A61K39/46, A61K39/48, A61K39/50, A61K39/52, A61K39/54, A61K39/56, A61K39/58, A61K39/60, A61K39/62, A61K39/64, A61K39/66, A61K39/68, A61K39/70, A61K39/72, A61K39/74, A61K39/76, A61K39/78, A61K39/80, A61K39/82, A61K39/84, A61K39/86, A61K39/88, A61K39/90, A61K39/92, A61K39/94, A61K39/96, A61K39/98, A61K39/100

The feed is displayed in a compact view, showing the first 500 results. The feed is titled 'Espacenet search results - malaria vaccine* Smart search' and shows a list of search results. The feed is displayed in a compact view, showing the first 500 results.

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)
- 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

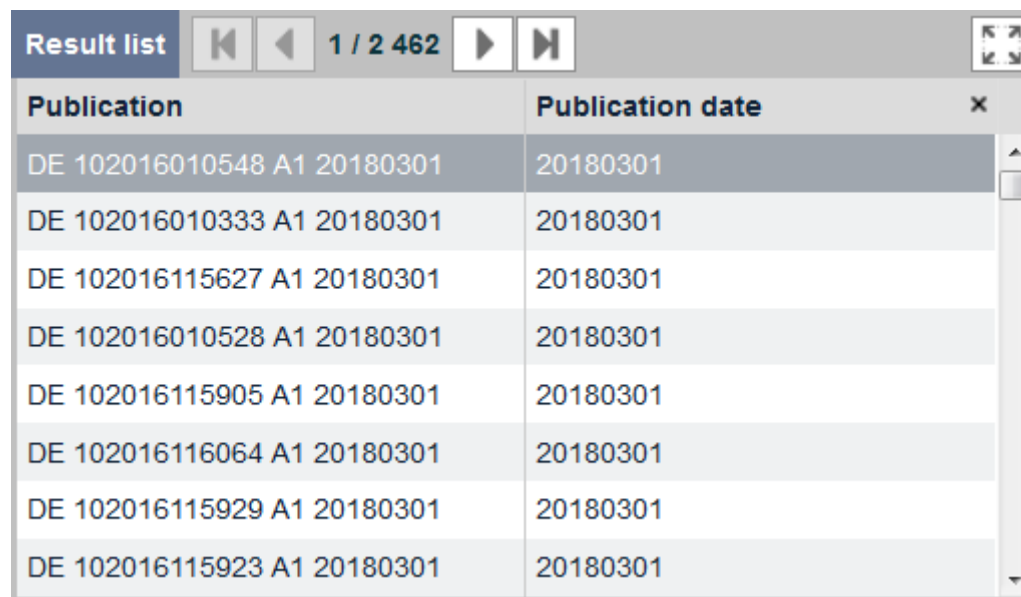
Example of GPI 2018/08 (search run on Friday 14/09 after 12:00 CET)

- 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 web interface for patent search results. At the top, there is a 'Result list' tab, navigation buttons (back, forward, first, last), and a page indicator '1 / 2 462'. Below this is a table with two columns: 'Publication' and 'Publication date'. The table contains eight rows of data, all with a publication date of '20180301'. A vertical scrollbar is visible on the right side of the table. A bracket on the right side of the table points to the text 'New DE publications published 1 day before (received by the EPO before publication)'.

| 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 web interface for a search result list. At the top, there is a header bar with the text 'Result list' on the left, navigation buttons (back, forward, first, last) in the center, and a page indicator '1 / 2 462' on the right. Below the header is a table with two columns: 'Publication' and 'Publication date'. The table contains eight rows of data. The first row is highlighted in grey. To the right of the table, there is a vertical scrollbar. A large curly bracket on the right side of the table groups the last seven rows, pointing towards the text 'New DE publications published sometime ago'.

| 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" "RENESAS 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



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