New Espacenet is coming
Patent Information Conference 2017
Outline

- Espacenet – the early days
- New Espacenet is coming
- Consulting the users
- New user experience
- What’s next
- LIVE demonstration
Outline

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The dawn of web-based patent searching
The dawn of web-based patent searching
The dawn of web-based patent searching
A few years later
A few years later
A few years later
A few years later

Solid state laser pumped by a laser diode with a common radiator"
A major redesign
The arrival of smart search

As of today, the online machine translation tool on Espacenet allows Portuguese language abstracts, descriptions, and claims to be translated into English and vice versa.

Dear Espacenet user,

The chances are that you have already used our online translation engine to translate the abstract, description, or claims of patents you have retrieved on Espacenet.

We hope that you have found the service useful. Right now we’re taking the opportunity to ask you to tell us how and why you use the online translation engine. We want to find out how we can improve the service for you.

Please spend a few minutes of your time to fill out our online survey. Your responses will help us deliver a better machine translation package.

Thanks in advance for your help.

Your Espacenet team.
The face lift
Outline

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Espacenet new

Project split into two major phases:

**Phase I**
- Harmonising the national Interfaces into a centralised Espacenet
- Adding full-text collections

**Phase II**
- Improving Espacenet user experience (new features)
Harmonising the national interfaces

Access to Global Dossier and links to the European

The Espacenet interface displays Global Dossier icons and links to register information, respectively. In order to avoid any ambiguity, access to a Global Dossier icon, the behaviour is the same as in the Espacenet register window will open where links/pages are available. For authors, the Global Dossier link, when available, is displayed in the context menu. The Global Dossier service has now been extended to encompass further aspects of the Espacenet service. In addition to patent application dossiers, "file wrappers", from the world’s five largest patent offices, it now also includes public dossiers from the Canadian Patent Office as well as PCT applications. The bibliographic and full text-coverage tables have been improved to indicate changes in coverage. Result list sorting by publication date is now available.

For more details, please see the release notes.

Online products – need some answers?

Use the discussion forum and get all the latest news and views about our online products. Read the regular postings from the forum team, post your questions – and answer those of other users.
62 countries have an Espacenet national interface
Full-text collections DE, EN, FR
National full-text collections
Outline

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Phase II – Improving the Espacenet user experience

Meetings with national offices

User consultations

User surveys
Vilnius meeting

"Definitely on the radar"
- Full text searching
- https:// secure access
- Virtual collections
- Localisation of interfaces
- CPC combi search

"Looking over the horizon"
- User asserted language
- Statistics
- Query builder
- Search results persistence
- Responsive interface design
- User prompts

"Blue sky"
- Citation trees
- Chemical search
- Semantic search
Tallinn meeting

User consultations

- Filters and facets
- Query builder
- INPADOC legal status
- Kind code search
- Number format
- User asserted language
- User prompts
- Role of the national office

- Export
- Search result list sorting
- Statistics from results list
- Chemical structure search
- Semantic search
- Citations
- Filters and facets
User consultations

Online group sessions & individual one-to-one sessions with a mock-up (internal/external)

<table>
<thead>
<tr>
<th>Phase</th>
<th>Time</th>
<th>No of sessions</th>
<th>No of participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase I</td>
<td>June-July 2016</td>
<td>6</td>
<td>45</td>
</tr>
<tr>
<td>Phase II</td>
<td>July-August 2016</td>
<td>7</td>
<td>46</td>
</tr>
<tr>
<td>Phase III</td>
<td>August 2016</td>
<td>4</td>
<td>28</td>
</tr>
<tr>
<td>Phase IV/V</td>
<td>September 2016</td>
<td>3</td>
<td>38</td>
</tr>
</tbody>
</table>

20 157
User consultations

Exploring & developing the new Espacenet user experience
Broken down into phases & aspects
- Landing page & navigating around
User consultations

Exploring & developing the new Espacenet user experience

- Building the query
User consultations

Exploring & developing the new Espacenet user experience

- Result list view
User consultations

Exploring & developing the new Espacenet user experience

- Inspecting document details
User consultations

Exploring & developing the new Espacenet user experience

- Further pages
User consultations

Exploring & developing the new Espacenet user experience

- Responsive design
User consultations

Participants

- IP offices (including examiners)
- Industry
- Patent searchers/information specialists
- Key stakeholder groups (SACEPO/PDI)
- Consultants
- Technology Transfer Officers
- Academia
- Patent attorneys
- Students

- From all-over Europe, USA, Canada, India
User consultations

Individual one-to-one sessions with **functional prototype**
(internal/external)

<table>
<thead>
<tr>
<th>Phase</th>
<th>Time</th>
<th>No of sessions</th>
<th>No of participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prototype</td>
<td>February 2017</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>Prototype</td>
<td>March 2017</td>
<td>3</td>
<td>9</td>
</tr>
</tbody>
</table>

|                  |             | 6              | 18                 |
Prototypes
Lisbon meeting

"Final" round of user consultations
– focus in query builder
Consolidation
## User Survey

### New Espacenet online survey – March 2017

2,259 participated / 1,619 completed survey within one week

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patent attorney/legal profession</td>
<td>41%</td>
</tr>
<tr>
<td>Industry</td>
<td>28%</td>
</tr>
<tr>
<td>IP authority</td>
<td>12%</td>
</tr>
<tr>
<td>Consultancy</td>
<td>6%</td>
</tr>
<tr>
<td>Intergovernmental institution</td>
<td>4%</td>
</tr>
<tr>
<td>Patent information vendor</td>
<td>3%</td>
</tr>
<tr>
<td>Academic institution</td>
<td>3%</td>
</tr>
<tr>
<td>Private person</td>
<td>3%</td>
</tr>
<tr>
<td>PATLIB centre</td>
<td>1%</td>
</tr>
</tbody>
</table>

n = 1,619; Q15: Which of the following categories best describes your field of work?
User Survey

Frequency of use

- Daily: 67%
- Weekly: 25%
- Monthly: 5%
- A few times a year: 2%

n = 1 619; Q1: How frequently do you currently use Espacenet?
## Purpose of use

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior art analysis</td>
<td>74%</td>
</tr>
<tr>
<td>Patentability searches</td>
<td>66%</td>
</tr>
<tr>
<td>Patent infringement analysis</td>
<td>39%</td>
</tr>
<tr>
<td>To analyse / monitor own / competitors' patent portfolio</td>
<td>38%</td>
</tr>
<tr>
<td>To ascertain freedom to operate</td>
<td>36%</td>
</tr>
<tr>
<td>To draft patent application documents</td>
<td>35%</td>
</tr>
<tr>
<td>To protect intellectual property</td>
<td>35%</td>
</tr>
<tr>
<td>To perform IP due diligence</td>
<td>28%</td>
</tr>
<tr>
<td>To define patent portfolio strategies</td>
<td>17%</td>
</tr>
<tr>
<td>&quot;White space&quot; analysis</td>
<td>11%</td>
</tr>
<tr>
<td>To market and commercialise products</td>
<td>6%</td>
</tr>
<tr>
<td>To negotiate with industry players</td>
<td>4%</td>
</tr>
</tbody>
</table>

n = 1 619; Q3: What do you use Espacenet for?
User Survey

Filter criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Important</th>
<th>Not important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants</td>
<td>76%</td>
<td>8%</td>
</tr>
<tr>
<td>Date ranges for priority date</td>
<td>73%</td>
<td>9%</td>
</tr>
<tr>
<td>Date ranges for publication date</td>
<td>73%</td>
<td>9%</td>
</tr>
<tr>
<td>Countries</td>
<td>60%</td>
<td>17%</td>
</tr>
<tr>
<td>CPC / IPC</td>
<td>58%</td>
<td>21%</td>
</tr>
<tr>
<td>Inventors</td>
<td>53%</td>
<td>25%</td>
</tr>
<tr>
<td>Languages</td>
<td>43%</td>
<td>29%</td>
</tr>
</tbody>
</table>

n = 1 619; Q11: After submitting a query to the new Espacenet interface, you may have the additional option to filter the results using certain criteria. How important are the following filter criteria for you? top–2 and low–2 boxes.
User Survey

Topics mentioned as potential improvements

Topics mentioned with high frequency
- Search options
- Translation
- Country coverage
- Security
- Download / export
- Make PDF's searchable
- Legal status information
- Data limit
- Filter
- App
- Colour
- Link to NPO's

Topics mentioned with low frequency
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New Espacenet

Where we are right now

- Design is finalised
- Development in full swing
- Details are discussed

```
pd >= 2000 AND (ftxt = airbag OR ftxt= "air bag") AND (ia= Volkswagen OR (ia = Karmann and pd <= 2010))
```
Including responsive design
Including responsive design
Including responsive design
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New Espacenet – Timeline

What to expect in 2018

Development & testing

Demo

First public release

Final public release

Switch off legacy Espacenet

Current Espacenet

Today

June 2018

September 2018

January 2019

New Espacenet
New Espacenet

What to expect in 2018

- Two releases: exact launch dates to be confirmed
- Outreach activities
  - introductory video(s)
  - interactive/integrated on-screen help
  - training (train-the-trainers), webinars
  - "asynchronous" learning (e-learning)
  - promotion campaign
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The new Espacenet team and colleagues

... in alphabetical order and by far not complete.

- Dominic Afriat
- Philippe Aladenise
- Esther Ambros
- Nikolaos Chardalias
- Nigel Clarke
- The Developers
- Sophie Gayout-Faugeroux
- Roland Feinäugle
- Agathe Gelin
- Domenico Golzio
- Nadja Horn
- Katherine McCafferty
- Lisa McDonald
- Nadia Patras
- Michel Plungjan
- Johannes Schaaf
- Heiko Wongel
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