

# Free internet patent databases

## Esp@cenet

<http://ep.espacenet.com/> or <http://www.espacenet.dk/> (in Danish)

The base contains patents and patent applications from all over the world. The content can be found in "Worldwide patent data coverage information (updated bi-annually) . You can search "the whole world" in documents dated from app. 1900 up to "today". However, full coverage is first from the 1970'ies.

The database contains Danish patent documents and bibliographic data (i.e. inventor, title and IPC-class).

## USPTO

<http://www.uspto.gov/patft/index.html>

The Home page from the US Patent Office. The page provides access to US patents and utility models from 1790 until today (including images).

Documents published after 1976 can be searched by words in abstract or in full text, Documents published from before 1976 can be found using US-classes.

## Japan Patent Office (JPO)

[http://www.ipdl.inpit.go.jp/homepg\\_e.ipdl](http://www.ipdl.inpit.go.jp/homepg_e.ipdl)

The homepage from the Japanese patent Office - choose PAJ or <http://www19.ipdl.inpit.go.jp/PA1/cgi-bin/PA1INIT?1263465751723>

Access is provided to search in english abstracts of japanese patent applications and patent granted in 1993 and forward. Machine translation of documents is available.

## Derwent Innovations Index

Can be accessed via DTU Library from Campusnet.

Access to "World Patent Index" (WPI) - the world's most comprehensive database of enhanced patent documents. DII further contains "Patent Citation Index", which provides search for cited and citing documents (starting from a relevant document).

Free for students and employees at DTU via DTV home page.

## Espacenet:

<http://ep.espacenet.com/> or <http://www.espacenet.dk/>

The screenshot shows the esp@cenet website interface. On the left, a search sidebar is visible with four options: 'Quick Search', 'Advanced Search' (highlighted with a yellow background and an arrow pointing to it), 'Number Search', and 'Classification Search'. The main content area features a large heading 'Introduction to esp@cenet Version 3' and a detailed text block describing the new version's improvements. To the right, there is a 'News Flashes' section with a notice about maintenance activities and a 'Latest Updates' table listing patent numbers and their corresponding country codes.

Patent Number	Country Code
EP1389901	- 20040218
WO2004008823	- 20040122
US6684403	- 20040127
US2004010826	- 20040115
FR2842987	- 20040130
GB2391154	- 20040128
DE19964265	- 20031224
DE10336786	- 20040129

**Advanced search** for word searching.

**Number Search** to find specific patents incl. their patent family.

**Classification Search** for search in classes.

To the right is a list with the newest documents in Espacenet and depending on the chosen access the newest document from the relevant country, here EP.

**Advanced Search**

1. Database

Select patent database: Worldwide

2. Search terms

Enter keywords in English

Keyword(s) in title:	<input type="text"/>	plastic and bicycle
Keyword(s) in title or abstract:	<input type="text"/>	hair
Publication number:	<input type="text"/>	WO2008014520
Application number:	<input type="text"/>	DE19971031696
Priority number:	<input type="text"/>	WO1995US15925
Publication date:	<input type="text"/>	yyyymmdd
Applicant(s):	<input type="text"/>	Institut Pasteur
Inventor(s):	<input type="text"/>	Smith
European Classification (ECLA):	<input type="text"/>	F03G7/10
International Patent Classification (IPC):	<input type="text"/>	H03M1/12

SEARCH CLEAR

**Select Dataase :**  
"Worldwide" is when you need to search "in most of the world" – the search method is the same in all of the patentdatabases.

Fields that are inactive is shown with grey background.

## Seach using words:

### Truncation (Wildcards) :

Unlimited: \* E.g: denitrif\* (covers: denitrify, denitrification)

0-1 characters: ? E.g: car? (search for: car, cars)

1 character: # exactly one character.

Truncation can not be used in the middle of a word  
(E.g. colo?r or sterili#e is not permitted).

The use of truncations can minimise the response time considerably.

**Combinations:** AND, OR, NOT (AND is default)

**Phrases:** "word1 word2" e.g. "carbon dioxide"

**ECLA-classes:** You can search for larger areas of classes, e.g. B01, B01J or B01J19.  
Truncate of ECLA-classes use \* (asterisk): e.g. G11B5/62\*

**IPC8-classes:** Search specific with Advance- or Core-level classes use these codes in the IPC-field:

PC Core Invention	<b>ci:</b>	
IPC Core Non Invention		<b>cn:</b>
IPC Advanced Invention		<b>ai:</b>
IPC Advanced Non Invention	<b>an:</b>	
IPC Core	<b>c:</b>	
IPC Advanced	<b>a:</b>	

E.g. Advance Invention: **ai:G11B5/62**

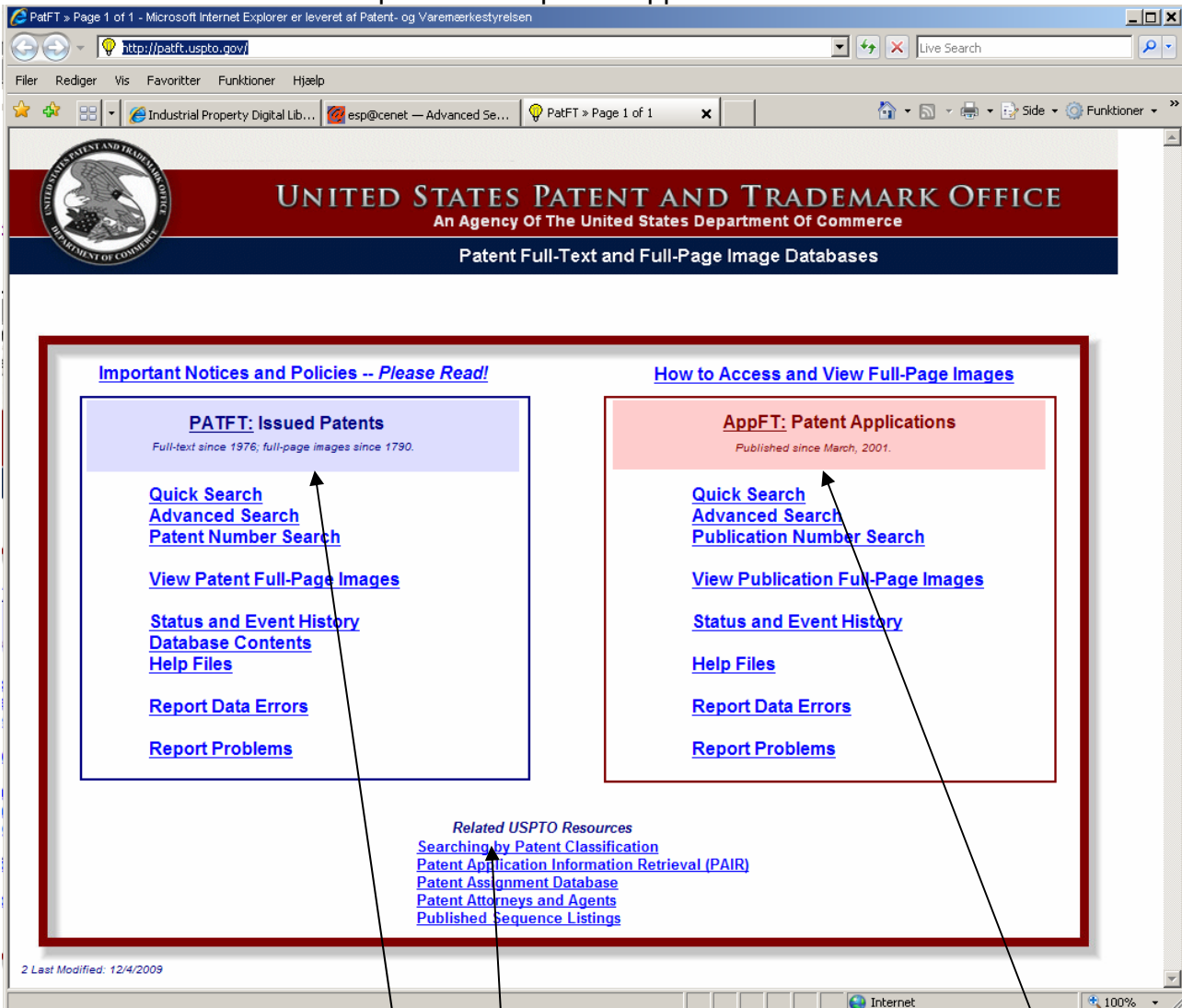
**Patent number:** You can search for country alone (e.g. DK) or the full patent number (That is the country code and a number (up to 10 digits), e.g. US4123456).  
(NB: for unknown reasons Danish publication numbers and patent numbers have been mixed up, so be careful when searching for Danish documents!!)

USPTO

<http://www.uspto.gov/patft/index.html>

Search in Full-Text documents:

Remember to search issued patents and patent applications!



Use this for searching granted patents, from 1790 and forward.

Click here to access US classes or concordance to IPC8.

USPTO has made a separate access to search in published patent applications (from March 2001 and forward) you therefore have to repeat your search here to cover the published patent applications.

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

Home Quick Advanced Pat.Num Help View Cart

Data current through January 12, 2010.

Examples:  
 ttl/(tennis and (racquet or racket))  
 isd/1/8/2002 and motorcycle  
 in/newmar-julle

Patents from 1790 through 1975 are searchable only by Issue Date, Patent Number, and Current US Classification.  
 When searching for specific numbers in the Patent Number field, patent numbers must be seven characters in length, excluding commas, which are optional.

Field Code	Field Name	Field Code	Field Name
PN	Patent Number	IN	Inventor Name
ISD	Issue Date	IC	Inventor City
TTL	Title	IS	Inventor State
ABST	Abstract	ICN	Inventor Country
ACLM	Claim(s)	LREP	Attorney or Agent
SPEC	Description/Specification	AN	Assignee Name
CCL	Current US Classification	AC	Assignee City
ICL	International Classification	AS	Assignee State
APN	Application Serial Number	ACN	Assignee Country
APD	Application Date	EXP	Primary Examiner
PARN	Parent Case Information	EXA	Assistant Examiner
RLAP	Related US App. Data	REF	Referenced By
REIS	Reissue Data	FREF	Foreign References
PRIR	Foreign Priority	OREF	Other References
PCT	PCT Information	GOVT	Government Interest
APT	Application Type		

**Search with words:**

**Truncations (Wildcards):**

0 – more letters: \$                      E.g.: inflat\$ (inflate, inflates, inflating)  
 One letter                                      Not possible

**Combinations:** AND, OR, ANDNOT

**Two words close to each other:**                      Not possible

**Phrases:**                      "word1 word2"                      E.g.: "carbon dioxide"

To see patent documents as images (\*.tiff) you need to download a plug-in.  
 See e.g. : <http://www.uspto.gov/web/menu/plugins/index.html>

## PAJ

<http://www19.ipdl.inpit.go.jp/PA1/cgi-bin/PA1INIT?1263472958272>

Use search words here.  
More words in each line are separated by space, "OR" operator is default in every line.  
"AND" operator is used by using more fields.

Here you can search with IPC-classes.  
(NB: the Japanese office uses the IPC-system a little differently than in Europe)

This button is visible when a search result is found.  
Click here to get a list of the hits.  
To read the abstract click on the publication number for the relevant document.

Use this entrance to search specific for a patent number.

## Derwent Innovations Index:

Can be accessed via DTU Library from Campusnet.  
<http://isiknowledge.com.globalproxy.cvt.dk/diidw>

or Search for Derwent in "DTU Library reference guide"  
Choose " Derwent Innovations index".

The screenshot shows the ISI Web of Knowledge Derwent Innovations Index search page. The interface includes a search bar, a navigation menu, and a sidebar with additional resources. Several callout boxes provide instructions:

- Choose AND, OR, NOT**: Points to the search operator dropdown menu.
- Use this entry if you want to search citing documents**: Points to the 'Cited Patent Search' link in the navigation menu.
- Click here is you want to change time span**: Points to the 'Timespan' section, which includes options for 'All Years' and a date range selector.
- Remember to choose a field type (Topic, IPC etc.)**: Points to the dropdown menus for 'Topic', 'Inventor', and 'Patent Number'.
- Use this to see your search history**: Points to the 'Search History' link in the navigation menu.
- Help and explanations**: Points to the 'Help' link in the top right corner.

The sidebar on the right contains sections for 'Discover Derwent Innovations Index', 'Customize Your Experience', 'My ResearcherID', and 'Further Information'.

## Search History:

ISI Web of Knowledge [v.4.7] - Derwent Innovations Index Search History - Microsoft Internet Explorer er leveret af Pat...

http://apps.isiknowledge.com.globalproxy.cvt.dk/DIIDW\_CombineSearches\_input.do?search\_mode=CombineSearches&product=DI... Live Search

ISI Web of Knowledge [v.4....

Sign In | My Endnote Web | My ResearcherID | My Citation Alerts | My Saved Searches | Log Out | Help

ISI Web of Knowledge<sup>SM</sup>

All Databases Select a Database Derwent Innovations Index Additional Resources

Search Cited Patent Search Advanced Search Search History Marked List (0)

Derwent Innovations Index<sup>SM</sup>

Search History

Save History / Create Alert Open Saved History

Set	Results		Combine Sets	Delete Sets
# 3	0	#2 AND #1 Databases=CDerwent, EDerwent, MDerwent Timespan=All Years	<input type="checkbox"/>	<input type="checkbox"/>
# 2	3,220	IPC Code=(C09K-008*) Databases=CDerwent, EDerwent, MDerwent Timespan=All Years	<input type="checkbox"/>	<input type="checkbox"/>
# 1	893	Topic=(“sol gel” and polymer*) Databases=CDerwent, EDerwent, MDerwent Timespan=All Years	<input type="checkbox"/>	<input type="checkbox"/>

View in 简体中文 English

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Use combine to combine earlier search statements

## Search language:

## Truncation (Wildcards):

0 – more letters                      E.g.: inflat\* (inflate, inflates, inflating osv.)  
 one letter                                E.g.: T?re ( tyre, tire)

**Phrases:**                      word1 word2                      E.g.: "carbon dioxide"

**Combinations:** AND, OR, NOT and parenthesis (...)

Truncation, and AND, OR og NOT can be used in most fields.

## Citation search:

ISI Web of Knowledge [v.4.7] - Derwent Innovations Index Cited Patent Search - Microsoft Internet Explorer er leveret a...

http://apps.isiknowledge.com.globalproxy.cvt.dk/DIIDW\_CitedPatentSearch\_input.do?product=DIIDW&SID=N1CJ2eP61DIAI2Nc7He

ISI Web of Knowledge [v.4.7] | Sign In | My Endnote Web | My ResearcherID | My Citation Alerts | My Saved Searches | Log Out | Help

ISI Web of Knowledge<sup>SM</sup>

All Databases | Select a Database | Derwent Innovations Index | Additional Resources

Search | Cited Patent Search | Advanced Search | Search History | Marked List (0)

**Derwent Innovations Index<sup>SM</sup>**

**Cited Patent Search.** Find the patents that cite a patent or patents  
View our Cited Patent Search tutorial

Enter the patent number, assignee, inventor, and/or accession number.

**Cited Patent Number:**   
 Expand Search to include all patent numbers in the found patent family  
 Example: EP797246 or US5723945-A

**Cited Assignee:**    
 Name and Code  Name Only  Code Only  
 Example: XEROX CORP or XERO

**Cited Inventor:**    
 Example: Von Oepen R

**Cited Derwent Primary Accession Number:**   
 Example: 1998-321575

Current Limits: [[Hide Limits and Settings](#)] (To save these permanently, [sign in](#) or [register](#))

**Timespan:**  
 All Years (updated 2010-01-08)  
 From 1963-66 to 2009 (default is all years)

**Citation Databases:**  
 Chemical Section--1963-2009  
 Electrical and Electronic Section--1963-2009  
 Engineering Section--1963-2009

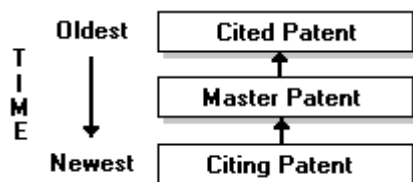
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*Derwent Citations Index* is a database that contains citations of documents, from 6 large patent authorities (EP, WO, US, DE, GB, and JP).

In the database you will find information about the cited patents and patents citing the master patent.



How and when to use citation search:

A citation search of a publication may provide you with knowledge that you did not find during the word-search.

Keep in mind, that a patent document have to be known to the public in order to be used and to be in the database. The database only holds published documents that are either citing or being cited by other documents.

It is possible to identify citations in the search:

