



PatBase Manual

Contents

INTRODUCTION	6
Definition of a PatBase family	6
LOG IN.....	6
Welcome Screen	7
COVERAGE	7
SETTINGS AND ACCOUNTING	8
Settings.....	8
Display & search options – Display options	8
Display & search options – Search options.....	11
Settings / Change Password	11
Settings / User group management.....	11
Settings / Custom User Fields	12
Applying Custom User Fields to PatBase records	13
Applying Custom User Fields to multiple PatBase records simultaneously	15
Settings / My Users / Manager my users.....	15
Accounting	16
Usage Report.....	16
Accounting / Billing	17
Sub account	17
Accounting / Billing / Set up	18
PDF (patent copy) order set up.....	18
SEARCH	19
Search form.....	19
Quick search.....	20
Non-Latin search.....	21
Term Translator	21
Chemical search.....	23
Legal Status search.....	23
PatBase legal status event groupings	24
Sequence search.....	25
Similarity search (also ‘Similar’ search)	26
Citation search.....	27
Using the Number Wizard	29
Classification Finder	29
Query Builder	30
Corporate Tree	31
SEARCH TOOLS	32
Dictionary.....	32
Patent number formats	33
Thesaurus	33
Language explorer	33
Scripts.....	34
Upload numbers	34
Browse index	35
SEARCHING.....	36
Command language	36
Field qualifiers	36
Field presence	38
Legal status.....	38
Update weeks.....	38
Non-Latin search using the command line	39
Adding a comment to your Search history	39
Boolean operators.....	39
Stop words.....	40

Truncation	40
Command search tips	40
Quotation Marks	40
Proximity operators	41
Parentheses (nesting)	41
Combining search sets	42
Create a search filter	42
Search fields	43
Publication number (PN=)	43
Kind code (KD=)	43
Application number (AP=)	43
Priority number (PR=)	43
Searching Euro-PCT application / priority numbers (AN= / PR=)	43
Family Number (FN=)	44
Patent Assignee (PA=) and Inventor (IN=)	44
Standard and non-standard names	44
Probable Assignee	45
Publication, application and priority dates (PD= / APD= / PRD=)	45
Searching dates in the Search form	45
Classifications	45
International Patent Classification (IC= or IPC=)	45
Cooperative Classification Codes (CPC=)	47
US Classification Codes (UC= or UPC=)	48
European Classification Codes (EC=)	48
Japanese Classification Codes (JCI= and JCT= and JCF=)	49
Super Classification Command (SC=)	50
German Classification Codes (GC=)	50
Locarno Classification Codes (LC=)	51
Designated states (DS=)	51
Agent (AG=)	51
NC and NP commands	52
Number of countries in a family (NC=)	52
Number of publications in family (NP=)	52
Number formats	52
Japanese numbering system	52
MANAGING SEARCHES AND SEARCH HISTORIES (<i>SAVING, DELETING, EDITING, ARCHIVING</i>)	54
Search history	54
Explore search	54
Edit and resend last search	55
Publish / Send results	56
Saving, storing and re-running a search	57
Saving a search	57
Opening and running a saved search	57
Running a saved search from the command line	57
Saving, storing and re-running a search history	58
Saving a search history	58
Opening and running a saved search history	58
DISPLAY	58
Display search results and display formats	58
Display results using the command line	59
Display using the Command line	60
Examining PatBase families	60
Images	61
Legal Status (table, timeline, litigation and reassignments)	61
Legal status table	62
Citation Explorer (Citations)	64

Classification Explorer	72
Family Explorer	73
Priority Map	74
Agent look-up	74
Designated State look-up	75
Links to PDF Display and National Registers.....	75
Email a PatBase record.....	75
Exporting search results	75
About third party export vendors	76
PatBase export display options.....	77
Further export options.....	77
'Other Formats' export option	77
Offline export	78
Highlighting	78
Highlighting within the family table	78
Highlighting on the results page.....	78
Highlighting within the Full text view	79
Advanced Highlighting.....	81
Save a highlighting scheme	81
Machine translations	82
Working with pop-up windows	82
Multiple pop-ups	83
Multi-window support.....	83
FULL TEXT DISPLAY.....	83
Full text view – 'View' mode	84
Full text view – 'Browse' mode.....	84
About Browse Mode	84
Hits view	84
Smart Claims Viewer	84
Translate full text.....	85
Chemicalize	86
Summarise	86
Compare	87
PDF (PATENT COPY) ORDERING.....	87
Patent copy coverage.....	89
Save complete PDF	89
IDS (Information Disclosure Statement) generator	89
PATBASE ALERTS.....	90
Create an alert.....	90
List / manage alerts	92
View alert results	93
Purchase alerts	94
REFINING / MANIPULATING RESULTS	94
Optimise (Results refining tool).....	94
PatBase Analytics	95
Introduction to PatBase Analytics	95
Summary.....	95
Understanding graphs	96
Legal.....	100
Exporting information.....	102
Statistical analysis.....	103
Class (classification) analysis	104
Assignee analysis	104
Keyword analysis	104
Statistical analysis results	104

Keyword analysis results.....	105
Advanced Statistical Analysis	106
Report (VizPat report)	106
Snapshot.....	108
Snapshot options	108
Exporting snapshot results.....	110
Visual explorer	110
Save or print the Visual explorer	112
SESSIONS	112
View session log	112
Export session log	113
Clear session log	113
Timeout	113
PATBASE FOLDERS	114
Create / open a folder	114
Add records to a folder(s).....	115
Folder shortcuts	116
Add all records to a folder	116
Open a saved folder	117
Add folder results to your Search history	117
Combine folders (for display) using the command line.....	118
Rename a folder	118
Delete a folder	119
Share folders	119
Change ownership of a folder	120
Archive folders.....	120
Merge folders	121
Working within a folder	121
Add a folder description to a folder	121
Add notes to individual records within a folder	122
Add notes from full text whilst using folder shortcuts	122
Remove record from a folder	123
Ranking and sorting families within a folder	123
Apply highlighting to words within folders.....	124
Search folder	125
Snapshot, Visual Explorer, PatBase Analytics – Visualisation and analysis tools	125
View snapshot	125
Visual explorer	125
PatBase Analytics	126
Print folder, Export folder, Publish folder – Print and export options	126
Print folder	126
Export folder.....	126
Offline export	127
Publish a folder.....	127
PRINTING.....	127
Print search results	127
Print records from 'View', 'Browse' or 'Hits' modes.....	127
Print records using the command line.....	128
Print with highlighted keyword(s).....	128
Print from a PatBase folder	128
CONTACT HELPDESK	128
Request other services	129
MINESOFT CONTACT INFORMATION	129

INTRODUCTION

PatBase is a searchable patent family database covering over 100 patent-issuing authorities. Developed by professional searchers for patent professionals it combines full-text searching with instant patent family display – one record is one invention. PatBase was developed in partnership by Minesoft Ltd and RWS Group in 2003. The PatBase interface is available in three languages: English, Chinese and Japanese.

Definition of a PatBase family

A PatBase family contains all publications that share one or more common priority number(s). This includes continuations-in-part.

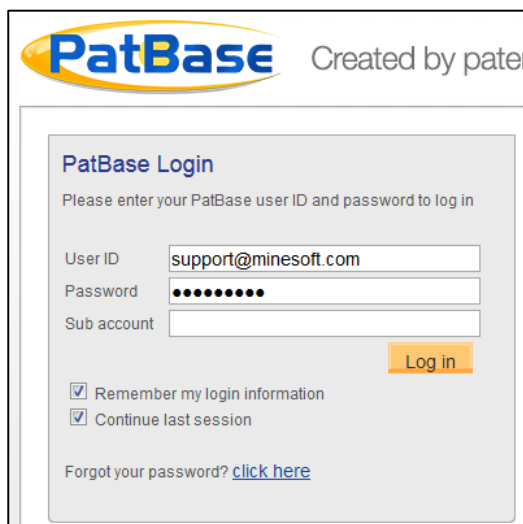
If PatBase families become very large (100+ members) where possible these are broken down into sub-groups of simple families. A simple family is one where all priority numbers are shared.

Any PatBase family can be viewed as 'simple families'. This is an option found under [Settings / Display & search options / View simple families](#).

The [Priority Map](#), visible when viewing or browsing a PatBase record, provides a breakdown of priority information.

LOG IN

To log in go to the secure PatBase Login page <https://www.patbase.com>



Enter your User ID (usually your email address). Enter your Password. Enter a Sub account. Sub account is optional and is used when you want to charge a search to a named account. Visit [Accounting / Sub account](#) for further details. Check 'Remember my login information' if you want PatBase to remember your login details. Check 'Continue last session' if you want to continue working from where you last logged off.

The 'Continue last session' check box is important if you accidentally close your browser or you do not use the Logoff button to exit PatBase. When this happens, the next time you try to log in you will receive a red warning message and you will have to re-enter your login details. The red warning messages indicates PatBase does not have a record of you logging off the system. If you wish to continue the session you have been disconnected from, please check the 'Continue last session' box.


NOTE: If one of your colleagues is using the same User ID, this may result in loss of data. We recommend that you do not share User IDs. Please contact support@minesoft.com if you require additional User IDs.

Once logged into PatBase the main menu page appears.

Welcome Screen



COVERAGE

On the right hand side listed under 'General information' details of PatBase coverage are provided. The coverage pages give detailed information about all additions to PatBase. The coverage pages are updated weekly (Monday am, UK time). Clicking on hyperlinks for the major countries will link to detailed statistics. The coverage from previous weeks' is available. This icon  indicates information of note. Last update, the fourth option listed, gives details of latest data additions for the major countries only.

Assistance in the form of Help files, tutorials and contact details are provided.

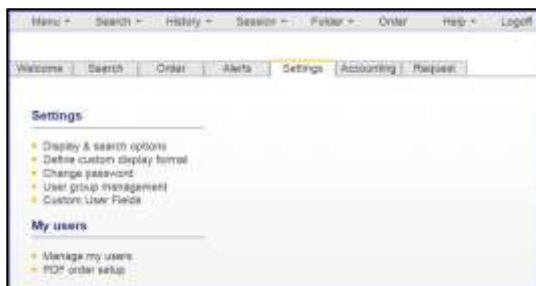
Quick guide links to the [Command language](#) used within PatBase.

The other tab, 'Shortcuts' provides quick links to frequently used PatBase pages.

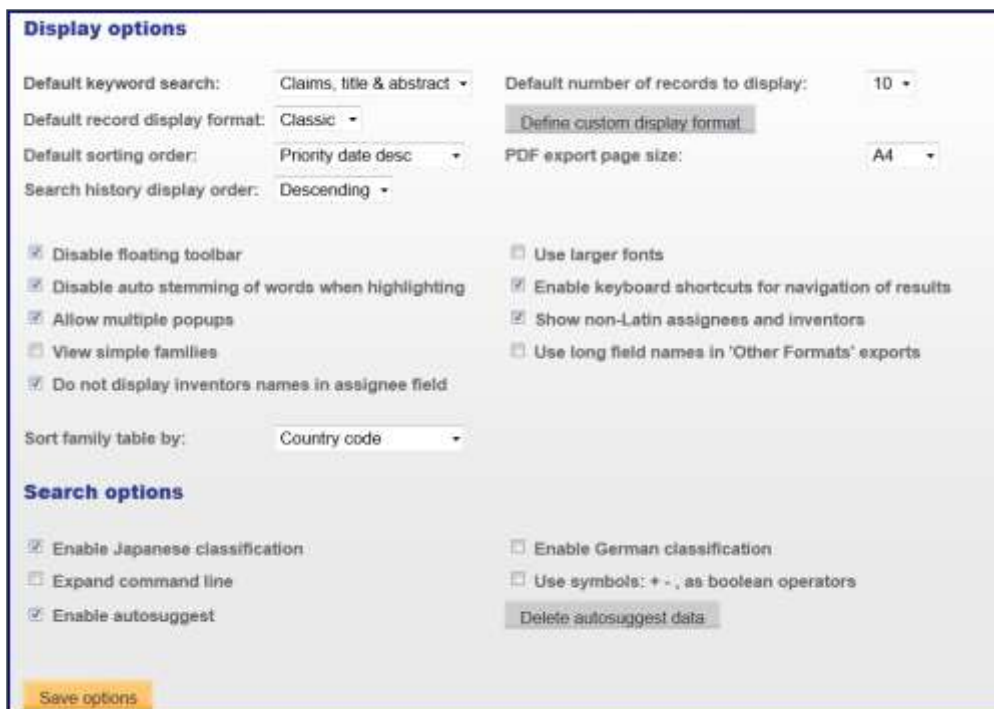
SETTINGS AND ACCOUNTING

Settings

Access 'Settings' from the main menu page from the tabs shown below the main toolbar. These are user settings which allow for some customisation.



Display & search options – Display options

A screenshot of the 'Display options' settings page. It features several configuration fields and checkboxes. Under 'Display options', there are dropdown menus for 'Default keyword search' (set to 'Claims, title & abstract'), 'Default record display format' (set to 'Classic'), 'Default sorting order' (set to 'Priority date desc'), and 'Search history display order' (set to 'Descending'). There are also dropdowns for 'Default number of records to display' (set to '10') and 'PDF export page size' (set to 'A4'). A 'Define custom display format' button is present. Checkboxes include 'Disable floating toolbar' (checked), 'Disable auto stemming of words when highlighting' (checked), 'Allow multiple popups' (checked), 'View simple families' (unchecked), 'Do not display inventors names in assignee field' (checked), 'Use larger fonts' (unchecked), 'Enable keyboard shortcuts for navigation of results' (checked), 'Show non-Latin assignees and inventors' (checked), and 'Use long field names in 'Other Formats' exports' (unchecked). A 'Sort family table by' dropdown is set to 'Country code'. Under 'Search options', checkboxes include 'Enable Japanese classification' (checked), 'Expand command line' (unchecked), 'Enable autosuggest' (checked), 'Enable German classification' (unchecked), and 'Use symbols: +, -, as boolean operators' (unchecked). A 'Delete autosuggest data' button is also visible. A 'Save options' button is at the bottom left.

Default keyword search – Pre-set the sections of patent documents to search; full-text; claims, title & abstract; title & abstract etc. **NOTE:** Searching 'Claims, title and abstract' is the default setting.

Default number of records to display – Specify the number of records to display.

Default record display format – Specify the default display format for records, e.g. Classic.

Define custom display format – Check which fields to display. Click 'Save display format'. It is possible to add five different custom formats using Custom, Custom1, Custom2, etc.

This option is available from within Display & search options and as a separate option (listed second) under Settings.

NOTE: The KWIC option (Keywords in Context) displays only the parts of records where keyword search terms appear.

NOTE: Asterisks mark which fields the country display preference is applied to.

After being saved, custom formats appear when viewing records and can be selected from the Display format dropdown.

Default sorting order of records – Specify the order documents are displayed. Select an option from the dropdown menu, e.g. Priority date desc (descending).

PDF export page size – Choose the default PDF page size, 'A4' or 'Letter'.

Search history display order – Choose to order the Search history, descending (most recent first) or ascending.

Disable floating toolbar – When scrolling through a set of records, the toolbar moves down so that it is always visible / accessible.

Use larger fonts – Expand the fonts.

Disable auto stemming of words when highlighting – Grammatical variations of 'English' keywords are highlighted unless this option is disabled.

Enable keyboard shortcuts for navigation of results – This option enables quick navigation of results. When the option is enabled the family bar will change from grey to yellow.

Shortcuts OFF



Shortcuts ON



Keyboard shortcuts are given in a box at the bottom right of the screen. Click on this key to open a PDF which lists all shortcuts.



Allow multiple popups – Check so that each link loaded, e.g. Legal status, mosaics, Full-text, etc, gets their own new window and does not populate an existing open window.

Show non-Latin assignees and inventors - Display original assignee names in non-Latin characters, as well as transliterated versions.

NOTE: *This option needs to be enabled to search this non-Latin information in PatBase.*

View Simple Families – Enable the display of simple families (members with identical priorities are grouped) within PatBase family tables.

Do not display inventor names in Assignee field – Removes any Inventor names from the Assignee field. **NOTE:** *Inventor names will still appear in the Inventor field.*

Sort family table by – Set the default sorting order for family members.

Country code: publications appear in alphanumerical order based on the country code

Publication date asc: earliest publication date first

Publication date desc: most recent publication date first

Custom: select your preferred country order

Display & search options – Search options

Enable Japanese classification – Search Japanese classifications (F-Terms, F-Index and Facet) from the search form.

Enable German classification – Search German classifications from the search form.

Expand command line – The command line will remain expanded throughout all searches.

Use symbols (+ , - ,) as Boolean operators – If selected, these symbols will work as 'AND', 'NOT' and 'OR'.

Enable Autosuggest - Disable the autosuggest by deselecting this option.

Delete autosuggest data – Check to delete autosuggest data.

Select 'Save options' at the bottom of the screen in the orange box for the changes to take effect.

Settings / Change Password

We recommend passwords are changed on a regular basis for security reasons. Should you forget your password it can be retrieved by filling out the 'forgotten your password' option found on the PatBase Login page. The user will then receive an email containing their password.

Settings / User group management

User groups relate to folders and enable certain groups of users to view particular folder(s). **NOTE:** *These user groups can also be set up from the 'My folders' page.*

To create a new user group click on 'add new group' and enter a name for the new user group. Click on 'create'. A list of all available users will appear in the box on the left hand side. Select user(s) and click on the arrow pointing towards the box on the right hand side. The selected names will be transferred into the 'Selected Users' box. A Lookup box enables the searching of email addresses.

User Group Management

User Group: anxiety

Add users to group

Selected Users

ageman@minesoft.com (Adam Geiman)
brent@minesoft.com (Brent Raymond)
d.morrell@yaleco.com (Dennis Morrell)
diane@minesoft.com (Diane Esposito)
diane@tentpusp.com (Diane Barrack)
doug@minesoft.com (Doug van der Zee)
ida-maria@minesoft.com (Ida Sjödin)
katy@minesoft.com (Katy Wood)
ophir@minesoft.com (Ophir Daniel)

katy@minesoft.com (Katy Wood)

Lookup User: d

Back to user group management

When all users for the new group have been selected, click on the 'Back to user group management' button. The User group will automatically be created. The user can view / edit, rename or delete a group from the 'User Group Management' page.



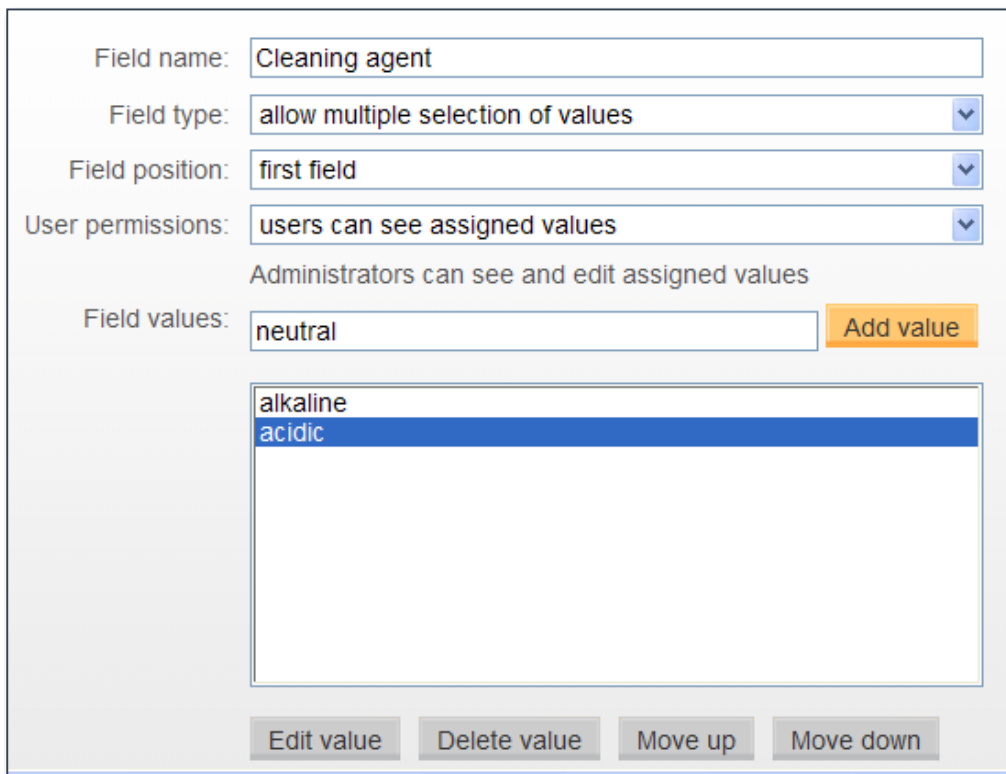
Group Name ▼	Users	Options
anxiety	1	view / edit rename group delete group
Bike	4	view / edit rename group delete group
digestive	7	view / edit rename group delete group

Settings / Custom User Fields

The option to create user fields is only available to PatBase administrators. Up to 10 customised user fields can be created and applied per account.

Custom User Fields are valuable for adding internal tags and values to records, for example a product category or invention description. These can be made visible and searchable in PatBase to users who have access to the same account.

Enter a field name and, from the dropdown menu below it, select the appropriate field type:



Field name:

Field type:

Field position:

User permissions:

Administrators can see and edit assigned values

Field values:

alkaline

acidic

'allow single selection of values' - create multiple values but only apply one of these values to a record from a dropdown menu.

'allow multiple selection of values' - create multiple values and apply more than one value to a record by selecting the corresponding tick boxes.

'a text field' - enter text within a record. For example, create a field called 'Notes' and enter a brief note about the record. The text entered is searchable allowing users to search records based on the text entered in this field.

'a date field' - apply a date to a record. For example, to enter approximate expiry dates for certain records, enter 'Estimated Expiry date' in the field name and select 'a data field' from the dropdown to apply dates to records and enable all users to search records against these dates.

Once the field type has been selected, from the 'Field position' dropdown menu, select the position of the display of the new custom user field within a record, in relation to other custom user fields.

Select the appropriate 'User permission' from the dropdown menu. Regardless of the user permission selected, all PatBase administrators will be able to view and edit Custom User Fields.

When selecting 'allow single selection of values' or 'allow multiple selection of values' from the 'Field type' dropdown menu, enter a value in the text box entitled 'Field Values' and select 'Add value'.

The value will be added to into the large text box below and, if creating more than one value, use the options listed below this text box to edit the value or adjust the display order of the field values in relation to each other. Click to highlight the value within this box then use the options to move the position or edit the value.

Field name	Field preview	Options
solar	energy	Edit field Delete field
technology area	users can see assigned values <input type="checkbox"/> wound <input type="checkbox"/> catheters	Edit field Delete field
Market Area	users can see assigned values <input type="checkbox"/> Consumer <input type="checkbox"/> Industrial	Edit field Delete field

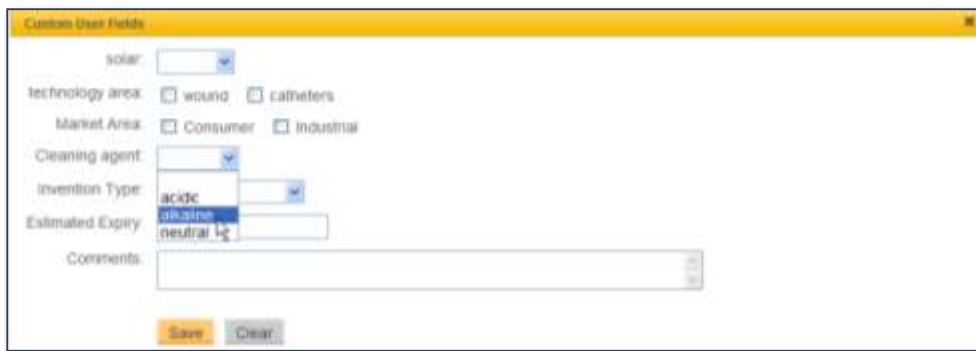
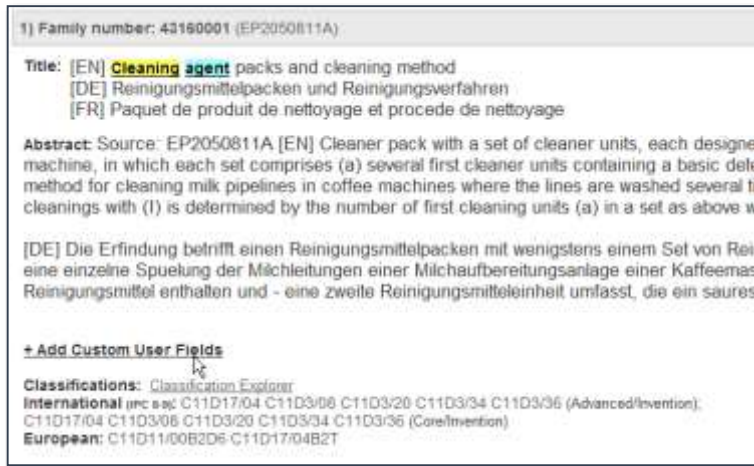
Click on 'Add field' and if the Custom User Field has been successfully created, it will be displayed in the list below. Select 'Edit field' to make further changes and, to remove the field altogether, select 'Delete'. If a Custom User Field is deleted this will remove the corresponding value(s) from all records to which this user field has been applied.

[Applying Custom User Fields to PatBase records](#)

Depending on the 'User Permissions' either only PatBase Administrators, or all PatBase users, will be able to apply custom user field values to records when 'Viewing' or 'Browsing' records within a search query or a folder.

NOTE: Custom User Fields are only visible from the 'Classic' and 'Full' display formats and can also be made visible from Custom display formats.

If a record has no custom user fields applied, click on the link 'Add Custom User Fields' and an overlay will appear, add the relevant values and select 'Save'. Refresh the page in order to see the custom user fields applied. Select 'Refresh' from the menu by right clicking on the page.



If a record already has values applied, these will be listed below 'Custom User Fields' within the record. To change or add another value, select the 'Edit Custom User Fields' link and an overlay will appear, select additional field values and/or edit existing values and select 'Save'. This will save changes. In order to view the changes made to the record it is necessary to refresh the page and the change in Custom User Fields will be visible.

above which also contains one second unit (b) containing (II).

[DE] Die Erfindung betrifft einen Reinigungsmittelpack mit wenigstens einem Set von Reinigungsmitteln, welche Reinigungsmitteln je fuer die Herstellung einer Reinigungsfluessigkeit fuer eine einzelne Spuelung der Milchleitungen einer Milchaufbereitungsanlage einer Kaffeemaschine ausgelegt sind, welches Set - eine Mehrzahl von ersten Reinigungsmitteln umfasst, die ein basisches Reinigungsmittel enthalten und - eine zweite Reinigungsmitteln umfasst, die ein saures Reinigungsmittel enthaelt.

Custom User Fields:

Cleaning agent: acidic [Edit Custom User Fields](#)

Classifications: Classification Explorer
International: C11D17/04 C11D3/08 C11D3/20 C11D3/34 C11D3/36 (Advanced/Invention).
 C11D17/04 C11D3/08 C11D3/20 C11D3/34 C11D3/36 (Core/Invention)
European: C11D11/00B2D6 C11D17/04B2T

Family: Family Explorer

Publication number	Publication date	Application number	Application date	Links
EP1250411 A1	20000423	EP0006000370	20001017	



Please note, once the user has added or edited custom user fields, selecting 'Clear', will only clear the fields recently added and not all fields previously applied to a record. This reduces the chances of values applied previously to a record by other users being accidentally deleted. To clear previously added values, it is necessary to clear each field individually and select 'Save' to save changes.

Applying Custom User Fields to multiple PatBase records simultaneously

Users with administrator rights will be able to apply custom user field values to a batch of PatBase records from the Search History page using the more... option / Assign Custom User Fields. The maximum number of records that can be bulk assigned to a Custom User Fields is 250 (PatBase will use the default sort order to select the first 250 records if the search query contains more than 250 records).

NOTE: *When bulk assigning Custom User Fields, existing Custom User Fields will be removed from records and new values applied.*

Custom User Fields can be included in the export of results or folders by exporting in 'Other formats' and selecting the relevant tick box on the 'Family' or 'Publication' tab. Alternatively select a format to combine with a Display format which includes Custom User Fields such as Word, PDF etc.

Settings / My Users / Manager my users

The option to 'Manage my users' is available to users with administrator rights and can be found under Settings / My Users. Managers can add or delete users, change passwords and/or email addresses and select other users to have administrator rights.

Manage users

Number of Users Allocated : 100 - Number of Users : 43

[Add a new user](#)

To modify a user: Click on the required field in the table. The field will be enabled for editing.
 Press ESC or click away from a selected field to abandon your change, otherwise click Submit or press ENTER to save it.

To delete a user: Click on the Delete link for the row in the table of the user to delete.

UserID	User Name	Notes	Administrator	
achapman@minesoft.com	Ann Chapman	Add Notes	True	Delete Change Password More Options
agelman@minesoft.com	Adam Gelman	Add Notes	True	Delete Change Password More Options
api@minesoft.com	API	Please do not touch Edit Notes	False	Delete Change Password More Options
bsart@minesoft.com	Brent Raymond	Add Notes	True	Delete Change Password More Options
blair@minesoft.com	Brian	Add Notes	False	Delete Change Password More Options
Charles@minesoft.com	Charles@minesoft.com	Add Notes	True	Delete Change Password More Options
charlotte@minesoft.com	Charlotte Osborne	Add Notes	True	Delete Change Password More Options

At the top of the page the 'Number of Users Allocated' is displayed which indicates the total number of User IDs allowed under the account. New users can be added up to the limit displayed here. The 'Number of Users' displays how many User IDs have currently been set up and are in use. If more User IDs are required, please contact support@minesoft.com.

To add a new user to the account, click 'Add a new user.' A pop-up window will appear with the form to create a new UserID. A UserID, User Name and Password must be entered. The password can subsequently be changed by the user. Notes can be added. A search box is provided to search for existing users. The table can also be sorted by clicking on the column headings.

Several options can be set for each user:

- Admin: check this box to enable administrator rights.
- Sub account required: check this box to force the user to enter a sub account.
- Allow orders from external sources: check this box if the user is permitted to order additional services from Minesoft or RWS. See [Request other services](#).
- Hide command line: check this box to hide the command line.

Click 'save'.

Accounting

Usage Report

This option allows users to view their usage for a given period. Select Accounting from the main menu page, then View my usage.

Menu - Search - History - Session - Folder - Order - Help - Logoff

Welcome Search Order Alerts Settings **Accounting** Request

Usage report

- View my usage
- My users usage

Billing

- Change subaccount
- Set up

Select the period of interest (This month, Last month, Last 3 months etc) from dropdown menu and click 'Submit'.

Usage report - This month (1 May 2015 to 21 May 2015)

Right click here to save the usage to Excel

Subaccount:	Number of PatBase logins:	Number of searches:	Number of records displayed:	Number of PDF's ordered:	EUROS
None	30	57	590	0	3.882.00
BK4377645	1	2	110	0	672.00
Total	31	59	700	0	4.554.00

An option to save the usage to Excel is available from here. This provides detailed information including searches made and time of the searches.

NOTE: *Should you lose a search strategy and need to revisit it this is a good place to retrieve it.*

Those with administrator rights can view all users' usage, under My users usage. This can be viewed in Excel or as a table. Usage graphs are available. Click "View login graph" to display an overview of access. Breakdowns by IP address and userID are also available.

NOTE: *Data for the usage graphs is available back to the 1st December 2010.*



Accounting / Billing

If a user needs to charge searches back to internal departments or clients the sub account is a useful function.

Sub account

A sub account is entered on the Login page before logging into PatBase. This option to enter a sub account can be made compulsory by an administrator, see [Sub account required](#).

PatBase Login


Please enter your PatBase user ID and password to log in:

User ID:

Password:

Sub-account:

NOTE: A sub account can be changed by going to Accounting / Change sub account or more simply during searches by clicking on the orange icon found on the top right of the screen.

Username: support@minesoft.com
 Subaccount: MTR558842 

This sub account information is then logged alongside usage. See [Accounting / Usage report](#). To make the sub account entry of value the Billing needs to be set up.

Accounting / Billing / Set up

Accounting set up assists in calculating the cost of user sessions. In effect it is an internal accounting system ideal for re-billing either internally or to clients. A choice of currency is available. Enter values and click 'Save options'.

Price per minute:

Price per search:

Price per record:

Price per PDF:

Price currency:

PDF (patent copy) order set up

The PDF order set up option is only available to PatBase administrators. It is found on the main menu page under Settings / My users / PDF order setup. PDF order setup enables administrators to select / see which subscription they have for [PatentOrder \(PDF ordering\)](#): Intranet, Desktop or 'pay as you go customer' (PDF copies); and for the latter order PDF credit if necessary.

I am a PatentOrder Intranet customer

PatentOrder URL:

PatentOrder UserID: *optional

PatentOrder password: *optional

I am a PatentOrder Desktop customer (I will copy the Patent numbers in to PatentOrder)

I am a pay as you go customer

My PDF Credit: 993 [Purchase more PDF credit](#)

PatentOrder Intranet customers can simply type in their PatentOrder URL to order documents.

PatentOrder Desktop customers can cut and paste the PDF numbers from the PatBase order page into their PatentOrder Desktop window, after they have run a search and chosen to order PDFs for all or some results; the order will then run via PatentOrder Desktop. For pay as you go customers, administrators are able to purchase PDF credits in batches of 200. Select the link 'purchase more PDF credit' from the PDF order screen. A new window will appear. Administrators can enter the amount of credit they wish to purchase and confirm by entering in their User ID / email address.

Please contact support@minesoft.com for unlimited PDF PatentOrder subscription options.

SEARCH

Search form

PatBase's main search form is fully-featured and simple to use. It can be used at any time during a search session and provides a structure to searches if you are unfamiliar with command language and/or field qualifiers.

The screenshot displays a search form with the following fields and examples:

- Claims, title & abstract:** washing machine* (e.g. crane* and motor)
- Search within the same publication
- Assignee (PA):** Bosch (e.g. siemens)
- Inventor (IN):** (e.g. Depta Robert)
- Publication number (PN):** (e.g. US4500000)
- Publication date (PD):** from: to: equals: (e.g. 19970221)
- Priority number (PR):** (e.g. US19990454001)
- Priority date (PRD):** from: to: equals: (e.g. 109702)
- Application number (AP):** (e.g. US20000493562)
- Application date (APD):** from: to: equals: (e.g. 1997)
- Kind Code (KD):** (e.g. DEU* or EPB1)
- Publication country (CC):** US or EP or DE or GB or JP (e.g. US or EP)
- Designated states (DS):** (e.g. DE or FR)
- Agent (AG):** (e.g. GRIFFITH HACK)
- Cited patent (CT):** (e.g. DE19646559)
- Int. class (AI):** D06F35/00 (e.g. C12N5/06 or G01 or A)
- Cooperative Patent (CPC):** (e.g. H04W84/12 or H04W84 or H)
- Classification (EC):** (e.g. C08L23/06 or C08 or C)
- Classification US (UC):** (e.g. 123/321)
- JP class F-index (JCI):** (e.g. G06F9/00/320/A)
- JP class F-Term (JCT):** (e.g. 24091/FA14/X)
- JP class Facet (JCF):** (e.g. GBV)
- Locarno class (LC):** (e.g. 26/03)

Buttons: Search, Clear, Create a search filter

Access the Search form from the main menu page or from the toolbar under Search.

Enter the criteria you wish to search. Multiple fields can be searched at once – as shown in the above example. Then click 'Search'. To empty the form click 'Clear'. A search filter can also be created by checking the 'Create a search filter' box at the bottom of the form. Refer to '[Create a search filter](#)' for more information.

When searching keywords a check option to 'Search within the same publication' is available. If this box is not checked words could be found anywhere within the same family.



Click this icon to access the Browse index (or Lookup) for a corresponding field. The Browse index feature allows users to see the contents of the database index before submitting a search. The Browse index enables users to explore variations in spellings for example.



Click on this icon to access the PatBase help file for the related field.

NOTE: When searching classifications the German and Japanese Classification search options are only available if enabled in the Search & display options found under the Settings tab.

Boolean operators and truncation can be used in the search form. For details of these and the command language used in PatBase visit the 'Quick Guide'. This is accessible from the Welcome page / [General information](#).

Quick search

Quick search offers a simple search form for keyword and / or Inventor or Assignee searches. Access the Quick search from the main menu page / Search.

The screenshot shows a search form with the following elements:

- Keywords:** A text input field.
- Search in:** A dropdown menu currently set to "Claims, title & abstract".
- Examples:** A list of search examples: "laser disk blue layer", "wingless aircraft", and "golf ball dimple".
- Names:** A text input field.
- Examples:** A list of search examples: "motorola", "general motors", and "alexander bell".
- Dates:** Radio buttons for "All" (selected), "Last 12 months", "Last 5 years", and "Last 20 years".
- Countries:** Radio buttons for "All" (selected), "US only", "WO only", "EP only", "DE only", and "JP only".
- Buttons:** "Search" and "Clear".

Keywords: Search keyword(s) of interest.

Search in: Set which part of the text you would like to search in.

Names: Search Assignee or Inventor names.

Dates: Countries: Select the time period and where you would like your search.

Click 'Search'. Click 'Clear' to remove everything from the Quick search form.

NOTE: When searching keywords stemming is automatically applied to the search criteria meaning grammatical variations of English words will be also returned.

To search for words appearing together, or a phrase, use quotation marks (stemming will be applied wherever possible). E.g. "diving suit" will search for these two words next to each other. This applies

also to the Name field. E.g. "David Bell" will only retrieve 'David Bell' and not variations such as 'Bell David' or 'Bell D.

Please refer to the Quick Guide found on the PatBase welcome page under General information for more information on Boolean Operators and PatBase command language.

Non-Latin search

The Non-Latin search can be accessed from the main menu page / Search.

Using the non-Latin search form users can search non-Latin texts: Chinese, Japanese, Korean, Russian or Thai. They can also search English machine translations of all the non-Latin texts. Select which sections of documents are to be searched; Claims, title & abstract for example. From the tabs select which country you are interested in, or select All. Only one non-Latin language can be searched at one time, but search statements can be combined from the Search history page as shown below.

#	Search query	Results
5	3 or 4	8977
4	[KR]: TAC=(((cottage cheese OR curd) OR (두부의 OR 향두부 OR 두부제조기)))	2048
3	[CN]: TAC=(((cottage cheese OR curd) OR (豆腐 OR 农家干酪 OR 农家奶酪 OR 农家乳酪 OR 农家干酪)))	6997

Term Translator

To assist with non-Latin searches a Term Translator is provided. Powered by WIPO's CLIR system the Term Translator enables those with no understanding of non-Latin languages to search them.

Chinese Japanese Korean Russian Thai All

Use this form to search Non-Latin text in the original language, or search Machine Translated Full Text in English.

Non-Latin Search: **Japanese**

Select field: Claims, title & abstract ▾

Text to search:

Term Translator

Term to Translate:

From: English ▾ Narrow Broad

In the example above the language selected is Japanese and the term entered for translation is anxiety. Boolean operators, proximity operators and truncation be used in non-Latin searching. Select how narrow or broad the translation should be. Click Translate. Once the text has been translated the 'Add to search' tab appears. Clicking on 'Add to search' will transfer the terms to the top Search box. The terms can be edited if required before adding them to the Search box.

NOTE: *If a term is entered in a Latin language other than English (French, German, Portuguese or Spanish) the term is translated into English then subsequently the selected non-Latin language. Having the term translated into English means the machine translations will also be searched.*

Non-Latin Assignee and Inventor names can be searched from the Search form (main menu / Search / Search form) providing that the option is enabled in [Settings / Display & search options](#).

Claims, title & abstract ▾ ? e.g. crane* and motor

Search within the same publication

Non-Latin Assignee ▾ ? ? e.g. siemens

Non-Latin Inventor ▾ ? ? e.g. Depta Robert

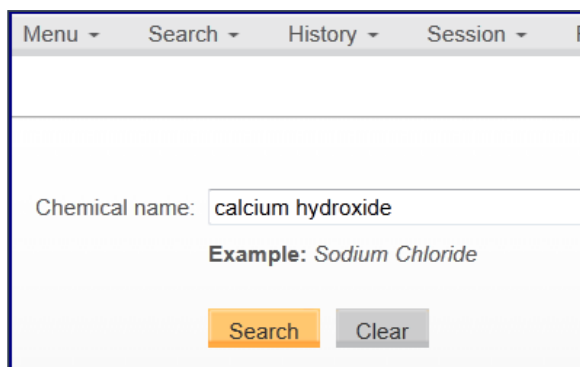
Non-Latin Assignee and Inventor names can also be searched in the command line:

#	Search query	Results
2	INVNL=손재학	21
1	PANL=株式会社正徳	6

NOTE: Russian Assignee and Inventor names have been transliterated for their display in PatBase.

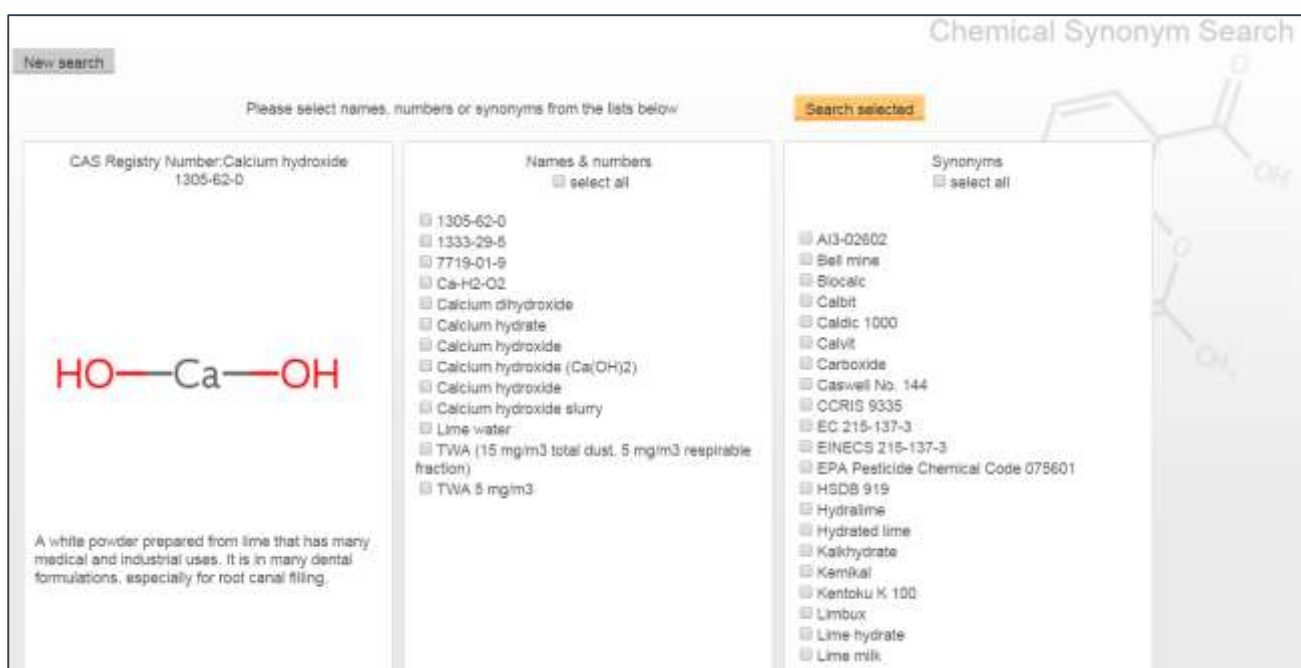
Chemical search

Chemical search is a synonym search with data provided from The US National Library of Medicine. Searches can be carried out using chemical names, CAS registry numbers or trade names. Chemical search is found under Search on the main menu page.



The screenshot shows a search interface with a navigation bar containing 'Menu', 'Search', 'History', and 'Session'. Below the navigation bar, there is a text input field labeled 'Chemical name:' containing the text 'calcium hydroxide'. Below the input field, there is an example text: 'Example: Sodium Chloride'. At the bottom of the form, there are two buttons: 'Search' (highlighted in orange) and 'Clear'.

Enter your keyword / term and then click 'Search'. The corresponding chemical structure is displayed with a description, along with a list of different names and numbers and synonyms of the chemical. For any name, numbers or synonyms of interest check the tick boxes, then click 'Search selected'. Options to 'select all' for Names & numbers and/or Synonyms are available. An editable text box will appear. This can be edited as required. Then click 'Run search'.



The screenshot displays the 'Chemical Synonym Search' results page. At the top right, the title 'Chemical Synonym Search' is visible. Below the title, there is a 'New search' button and a prompt: 'Please select names, numbers or synonyms from the lists below'. A 'Search selected' button is also present. The results are organized into three columns:

- CAS Registry Number:** Calcium hydroxide, 1305-62-0. Below this is a chemical structure diagram showing $\text{HO}-\text{Ca}-\text{OH}$.
- Names & numbers:** A list of identifiers with checkboxes and a 'select all' option. The list includes: 1305-62-0, 1333-29-5, 7719-01-9, Ca-H2-O2, Calcium dihydroxide, Calcium hydrate, Calcium hydroxide, Calcium hydroxide (Ca(OH)2), Calcium hydroxide slurry, Lime water, TWA (15 mg/m3 total dust, 5 mg/m3 respirable fraction), and TWA 5 mg/m3.
- Synonyms:** A list of synonyms with checkboxes and a 'select all' option. The list includes: A13-02602, Bell mine, Biocalc, Calbit, Caldic 1000, Calvit, Carboxide, Caswell No. 144, CCRIS 9335, EC 215-137-3, EINECS 215-137-3, EPA Pesticide Chemical Code 075601, HSDB 919, Hydralime, Hydrated lime, Kalkhydrate, Kemikal, Kentoku K 100, Limbux, Lime hydrate, and Lime milk.

On the right side of the page, there is a large chemical structure diagram of a complex organic molecule.

Legal Status search

Legal Status search offers the possibility to search across INPADOC PRS codes as well as PatBase legal status event groups. Access the Legal Status search from the Search tab on the toolbar.

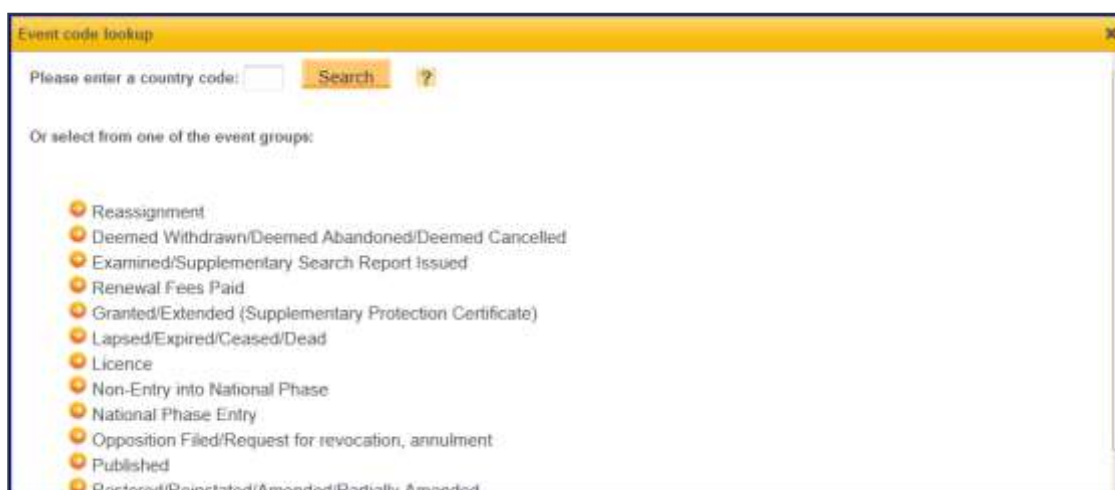
NOTE: The PatBase legal status event groupings were put together in-house.

Enter an INPADOC PRS code in the Event code field to run a search, a country code in the Event country field and/or a date(s).



Event code: FA91 e.g. 17P [Event code lookup](#)
Event country: RU e.g. EP
Event date: from: 199501 to: equals: e.g. 20120208
[Search](#) [Clear](#)

An 'Event code lookup' tool is provided to assist you. Alternatively choose a pre-defined legal event group, by clicking on the link, e.g. Reassignment, and then enter other details.



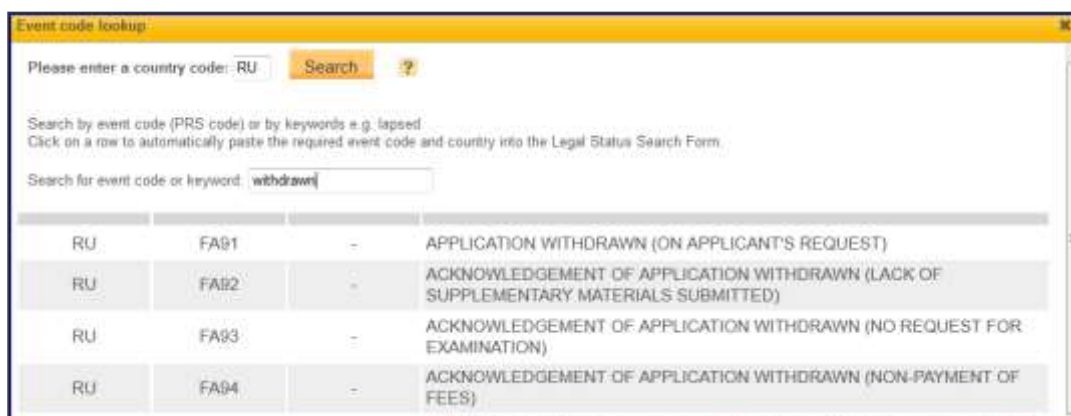
Event code lookup

Please enter a country code: [Search](#) [?](#)

Or select from one of the event groups:

- Reassignment
- Deemed Withdrawn/Deemed Abandoned/Deemed Cancelled
- Examined/Supplementary Search Report Issued
- Renewal Fees Paid
- Granted/Extended (Supplementary Protection Certificate)
- Lapsed/Expired/Ceased/Dead
- Licence
- Non-Entry into National Phase
- National Phase Entry
- Opposition Filed/Request for revocation, annulment
- Published
- Restored/Reinstated/Amended/Partially Amended

Alternatively enter a country of interest and search through all available PRS codes.



Event code lookup

Please enter a country code: RU [Search](#) [?](#)

Search by event code (PRS code) or by keywords e.g. lapsed
Click on a row to automatically paste the required event code and country into the Legal Status Search Form.

Search for event code or keyword:

RU	FA91	-	APPLICATION WITHDRAWN (ON APPLICANT'S REQUEST)
RU	FA92	-	ACKNOWLEDGEMENT OF APPLICATION WITHDRAWN (LACK OF SUPPLEMENTARY MATERIALS SUBMITTED)
RU	FA93	-	ACKNOWLEDGEMENT OF APPLICATION WITHDRAWN (NO REQUEST FOR EXAMINATION)
RU	FA94	-	ACKNOWLEDGEMENT OF APPLICATION WITHDRAWN (NON-PAYMENT OF FEES)

PatBase legal status event groupings

Reassignment: **LSAS**
Deemed withdrawn/Abandoned/Cancelled: **LSDW**
Examined/Supplementary Search report issued: **LSES**
Renewal Fees Paid: **LSFE**
Granted/Extended (Supplementary Protection Certificate): **LSGT**
Lapsed/Expired/Ceased/Dead: **LSLE**
License: **LSLI**
Non-Entry into National Phase: **LSNE**
National Phase Entry: **LSNP**
Opposition Filed/Request for Revocation/Partially Amended: **LSOP**
Published: **LSPB**
Restored/Reinstated/Amended/Partially Amended: **LSRE**
Revoked/Rejected/Annulled/Invalid: **LSRV**
Withdrawn/Abandoned/Cancelled/Surrendered/Suspended/Terminated/Void: **LSWD**

Legal status can also be searched using the command line using PRS=.
For example: PRS= LSLI

See also [Command language / Legal status](#) or visit the Quick guide found on the welcome page under General information which lists all PatBase command language.

Sequence search

PatBase offers genetic and biological sequence searching for polypeptide / proteins and nucleic acids. Organisms can also be searched. Access the Sequence search from the Search tab on the toolbar.

Use this form for sequence search

Text to search:

Text example: Homo sapiens
Peptides example: Glu Val Ala Gly Ser

AND

Genetic sequence:

Example: gtggggagtctcag

It is possible to search either the text within a sequence file, for the name of a sequence or source, e.g. "Vaccina virus" or the actual encoded sequence "atgtcatctt". Subsequences / fragments or sequences or patterns can also be searched for.

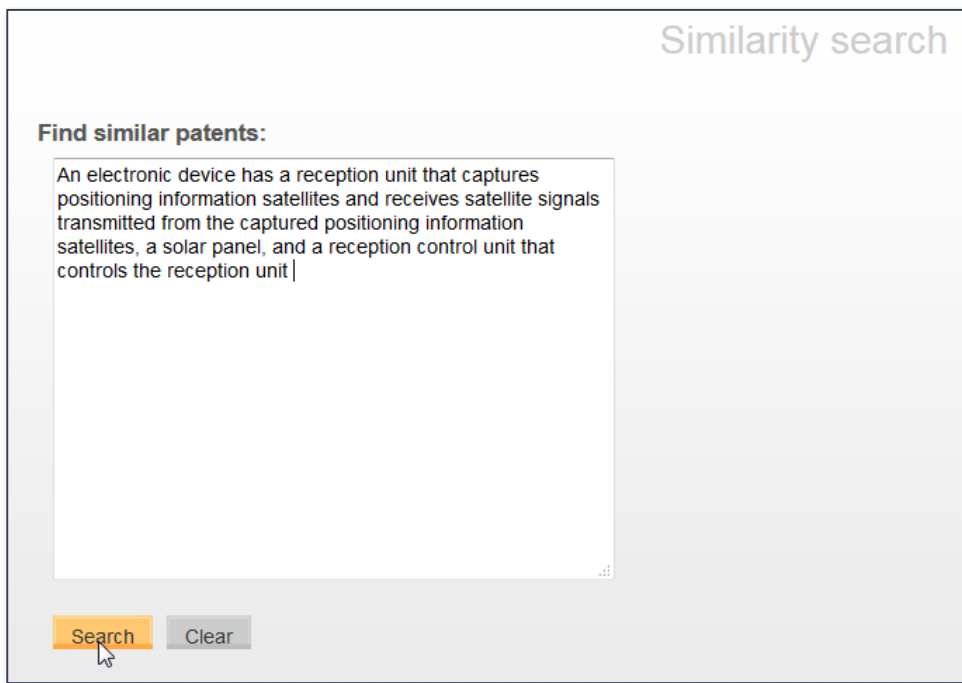
NOTE: When using the Sequence search form, the searches are performed in the actual sequence files not the full text. Coverage is US patents and applications from 2005 to date.

To view and/or save a Sequence File, go to 'Full Text' for a relevant record. The Sequence Files are found on the right hand side of the pop-up window under each publication. Click on 'Save seq file' in the top right hand corner to save the file in XML format.

Similarity search (also 'Similar' search)

Similarity search offers a way to quickly find similar patent families to the search criteria (text entered). Access the Similarity search from the Search tab on the toolbar.

Enter or paste the required text into the box and press 'Search'. The minimum requirement to complete a Similarity search is 20 words.



The Similarity search pulls out key terms from the entered text. Stop words – AND, OR and NOT are left out. Common words such as METHOD, PROCESS, DEVICE are also excluded. In addition to a search on full-text, PatBase will find citations based on the search criteria.

Alternatively, use the 'Similar' functionality within a family. Click on Similar in the family bar and search for similar patents based on Title / Abstract, Claims, Description, Images (for US only), Citations or Classifications.



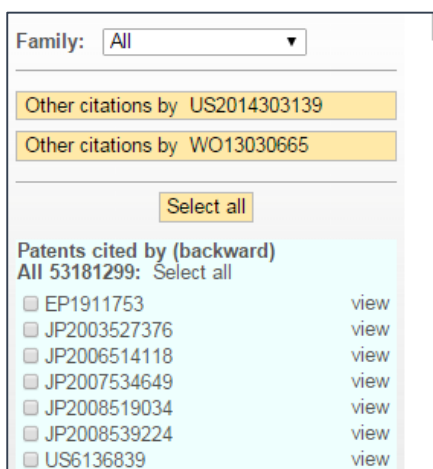
Similar search can also be selected when viewing non-patent literature to find related non-patent literature.

Citation search

Citations are a list of references appearing in a patent application that refer to relevant prior art. When examining patent documents professional patent examiners cite references from previous patent documents, technical journals and other sources.

Both forward and backward citations can be searched in PatBase. A forward search retrieves patents that are citing the patent of interest. A backward citation search retrieves previously published patents cited by the patent of interest. When searching citation numbers use patent number formats.

Search a publication number's forward and backward citations by going to Search / Citation search on the main toolbar. Enter a patent number and click 'search'. From this page forward and backward citations can be navigated through and selected to be searched in PatBase. When a citation has been visited it is marked in pink. The citations can be viewed for a full family or a selected publication. This can be chosen from the dropdown 'Family'. Some non-patent literature citations are also shown. These are listed above the publication numbers as 'Other citations by...'. Click on these buttons and a list of cited documents appears. Click on the magnifying glass to search the Internet for the document title / reference.



A Tree View and Timeline View are available from here as is access to [Citation Explorer](#).

Citations can be searched both in the Search form and using the command line. In the Search form enter the publication number(s) of interest. For example:

Agent (AG):		? e.g. GRIFFITH HACK
Cited patent (CT):	EP1690777 or DE19646559	? e.g. DE19646559
Int. class (All):		? e.g. C12N5/06 or G01

To carry out the same search in the command line enter: CT=(EP1690777 or DE19646559)

CTF=

The CTF command allows the user to find forward citations for families from a search result set. Please note that citations found in the first 850 results in the search set will be returned.

"search#" [e.g. CTF 1] will retrieve forward citations for families found in that search (up to the limit of 850 results).

NCTF command

The NCTF command allows the user to refine their search with regards to the amount of forward citations found.

Example: TA=(tractor and motor) and NCTF>6 (retrieves families with tractor and motor in the titles or abstract and more than 6 forward citations)

CTB=

The CTB command allows the user to find backward citations for families from a search result set. Please note that citations found in the first 850 results in the search set will be returned.

"search#" [e.g. CTB 1] will retrieve all backward citations for families found in that search (up to the limit of 850 results).

NCTB command

The NCTB command will allow the user to refine their search with regards to the amount of backward citations found.

Example: TI=voltage and NCTB>10 (retrieves families with voltage in the titles more than 10 backward citations)

Citation coverage

Citation data is sourced from the REFI, USPTO and DPMA. Coverage of citations is:

EP and WO – patents and non-patent literature 1978 to date.

US patents – 1976 to date

US non-patent literature – 2000 to date

DE patents as supplied in the DMPA data feed.

For the latest REFI update visit:

<http://www.epo.org/searching/data/data/tables/regular.html>

NOTE: *Many countries in addition to US, EP and WO will appear on the list of documents as well as the US, EP and WO because this information has come from citation information contained within the US, EP and WO documents, which can cite any previously published documents as prior art.*

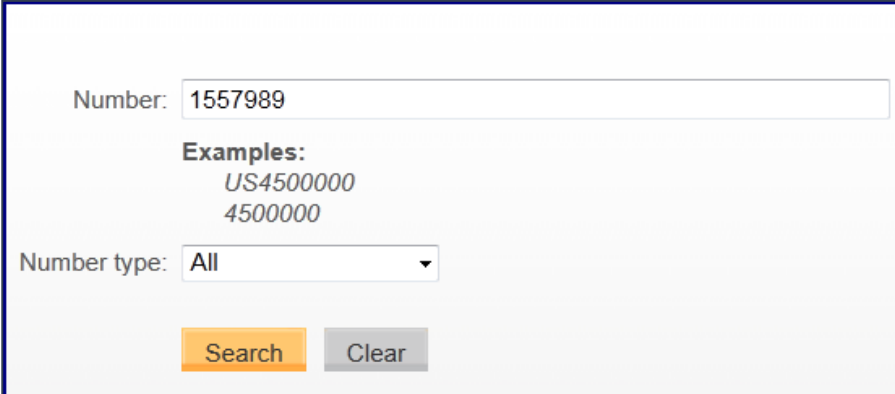
Please refer to [Citation Explorer](#) for details on how to view citations.

Term Translator

The Term Translator assists with translating English, French, German, Portuguese and Spanish terms into non-Latin languages. For further information visit [Term Translator](#).

Using the Number Wizard

Number wizard is found on the toolbar under the Search tab. Number wizard allows users to enter a number with or without a country code. An option to search All number types or select Publication, Application or Priority is available.



The screenshot shows a search interface for the Number Wizard. It features a text input field labeled "Number:" containing the value "1557989". Below this, under the heading "Examples:", two sample numbers are listed: "US4500000" and "4500000". A "Number type:" dropdown menu is set to "All". At the bottom, there are two buttons: "Search" (highlighted in orange) and "Clear" (grey).

Enter a number and click Search. To refine the search to a specific country, enter the country code as a prefix followed by the sequence of numbers.

Classification Finder

The Classification Finder is a tool that allows users to identify relevant classifications by searching for keyword terms that appear in the classification descriptions. The retrieved relevant classifications can then be used to create a search. Access the Classification Finder from the Search tab on the toolbar.

Enter keyword terms or a phrase and choose which classification scheme definitions to search. The US, EC (ECLA legacy), International (IPC), Cooperative Patent (CPC) and JP (F-terms) classification schemes can all be searched. Single terms and phrases can be used, combined with the operators AND, OR, or NEAR (within 5 words).

NOTE: *The Wn operator cannot be used.*

Once 'Search' has been clicked, all relevant definitions from the classification schemes will be listed, grouped by classification scheme. The number of classifications from each scheme that contain the keywords is displayed in brackets. Select the classifications of interest by checking the boxes and click on 'Search selected classes' to search those classes in PatBase.

Classification finder

Class description: e.g. cam near shaft

Search in: International (IPC) Cooperative Patent (CPC) US class European (ECLA) Japanese (F-terms)

Query: "animal exercise device" Results found: 44

International (IPC) (3)

<input type="checkbox"/> A	SECTION A HUMAN NECESSITIES	
<input type="checkbox"/> A01	AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING	
<input type="checkbox"/> A01K	ANIMAL HUSBANDRY; CARE OF BIRDS, FISHES, INSECTS; FISHING; REARING OR BREEDING ANIMALS, NOT OTHERWISE PROVIDED FOR; NEW BREEDS OF ANIMALS	
<input type="checkbox"/> A01K15/00	Devices for taming animals, e.g. nose-rings or hobbles; Devices for overturning animals in general; Training or exercising equipment; Covering boxes	
<input checked="" type="checkbox"/> .A01K15/02	Training or exercising equipment, e.g. mazes or labyrinths for animals	
<input type="checkbox"/> .A01K15/04	Devices for impeding movement; Devices for impeding passage through fencing	

Cooperative Patent (CPC) (10)

Click on a pie icon (circled above) next to a classification to link to [PatBase Analytics](#) and get detailed analysis on that classification within PatBase (see screenshot below).

PatBase ANALYTICS

Search results for IPC class: A01K15/00

IPC class: A01K15/00	Results
Number of publications	8475
Number of applications	6764
Number of PatBase families	4840

IPC class description: A01K15/00

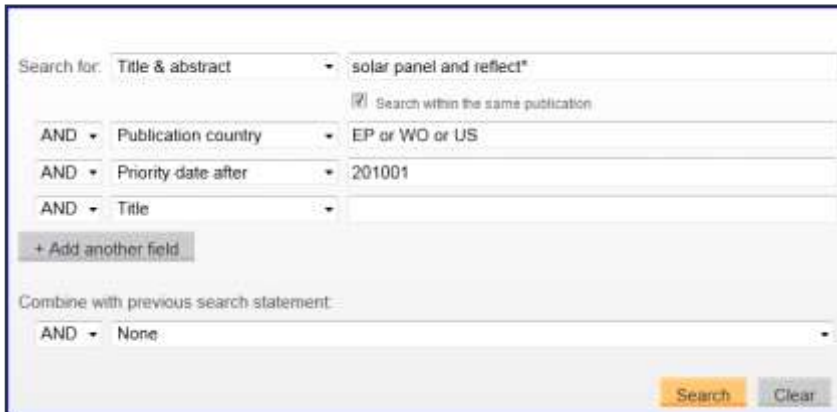
A: SECTION A HUMAN NECESSITIES
A01: AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING
A01K: ANIMAL HUSBANDRY; CARE OF BIRDS, FISHES, INSECTS; FISHING; REARING OR BREEDING ANIMALS, NOT OTHERWISE PROVIDED FOR; NEW BREEDS OF ANIMALS
A01K15/00: Devices for taming animals, e.g. nose-rings or hobbles; Devices for overturning animals in general; Training or exercising equipment; Covering boxes

Top 20 Assignees for IPC class: A01K15/00
(grouped by application)

Assignee	Applications
RADIO SYSTEMS CORP	142
TFH PUBLICATIONS INC	89
INNOTEK INC	73

Query Builder

The Query Builder allows search criteria to be easily combined by using dropdown menus with the various Boolean operators AND, OR and NOT. Access the Query Builder from the Search tab on the toolbar.



The screenshot shows a Query Builder interface with the following elements:

- Search for:** A dropdown menu set to "Title & abstract" and a text input field containing "solar panel and reflect*".
- Search within the same publication
- AND** (dropdown) **Publication country** (dropdown) **EP or WO or US** (text input)
- AND** (dropdown) **Priority date after** (dropdown) **201001** (text input)
- AND** (dropdown) **Title** (dropdown)
- + Add another field** (button)
- Combine with previous search statement:** (dropdown) **AND** (dropdown) **None** (dropdown)
- Search** (button) and **Clear** (button)

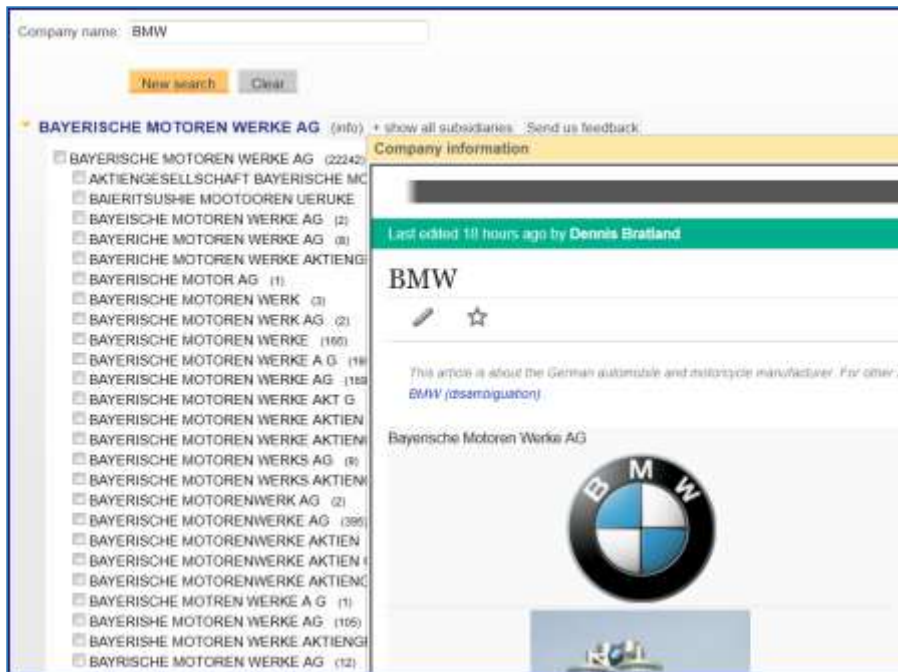
Additional search fields can be added by clicking on '+ Add another field'. The searches can also be combined with / excluded from any searches in your current Search history. Use the dropdown 'Combine with previous search statement'.

Corporate Tree

The Corporate Tree offers a way to quickly and easily identify subsidiaries and other affiliations of a chosen corporation, so that related companies can be included in an assignee search. Access the Corporate Tree from the Search tab on the toolbar.

NOTE: *The Corporate Tree data was, and is, compiled and updated in-house.*

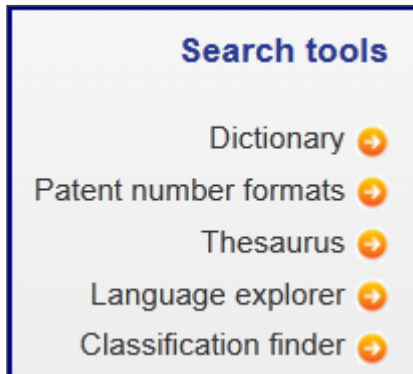
Enter an Assignee name in the Company name search box and press 'Search' to display the corporate tree for a parent company. Click on '+ show all subsidiaries' to display all affiliations and subsidiaries of the parent company. Information about the company can also be displayed.



All or some affiliated assignee names can then be selected to search in PatBase. Check boxes as required and click 'Search selected companies'. The number in brackets after the assignee's name represents the total number of families the specific assignee is associated to.

SEARCH TOOLS

When viewing Search history, Search tools are available in the right hand column.



Dictionary

A full Wiktionary Dictionary lookup is integrated into PatBase with an enhanced viewer, to allow word definitions to be located quickly. This also offers a translation across languages.

Patent number formats

Users can view all patent number and kind code format information (with their document definitions) for a given country code.

Thesaurus

The Thesaurus helps users identify synonyms to use in searches. It is also helpful post-search to use with highlighting tools.

Language explorer

Language explorer allows users to broaden the patent search scope by finding multi-lingual synonyms for search terms. Users can translate from Chinese, English, French, German, Japanese, Korean, Portuguese and Spanish into several widely used European languages including English, French, German, Spanish and Portuguese. Language explorer can be found under Search tools on the Search History page or under Search in the toolbar. It is powered by WIPO's CLIR (Cross-Lingual Information Retrieval) system.

When in Language explorer enter the term to translate and select which language to translate from using the dropdown. Select how narrow or broad the translation should be using the toggles (this will affect how many synonyms are picked up), then click 'Translate'.

Choose desired keywords or 'Select All'. Click 'Add to search'. This will populate the search terms in the 'Search PatBase' box. Here they can be edited if required. Click 'Search'. To empty the form click 'Clear'.

NOTE: *All translated terms are linked to a corresponding Wikipedia page where possible. This is useful to ensure the term chosen matches the requirements of the search.*



Classification Finder

Classification Finder is a tool that allows users to identify relevant classifications by searching for keyword terms that appear in the classification descriptions. Please visit [Classification Finder](#) for further information.

Scripts

If users have a search that they run on a regular basis they can create a script to save typing each search statement each time. Select Upload script under the Search option on the toolbar. An input box will appear, enter the script placing each search statement on a separate line. Click 'Run'.

After running the script, users have the option to save the search simply by clicking the 'more...' option on the results page. See [save search](#).

An alert service is also available in PatBase, whereby alerts can be run automatically on a weekly or monthly basis. Please refer to the section on [PatBase Alerts](#).

Upload numbers

To search a list of numbers in PatBase, go to Search / Upload numbers. Numbers must be separated by a comma or a line break. Publication, Application and Family numbers can be uploaded by selecting the corresponding tab. Users can see which numbers were and were not found in PatBase, by checking the 'Create hit report' option.

Please enter patent numbers to be searched.
 Patent numbers should be separated by a line break or a comma.


CN101060978
 EP1799450
 IL181535
 IN01269KN2007
 JP2008514467
 KR20070074582
 MX2007003746
 NZ553743
 TW200621491
 US2006068140
 US2011003158
 US78034381
 WO06039131
 AT489493

Create hit report

After the list of numbers has been searched, a 'Patent number upload report' will be displayed above the search result indicating listing a breakdown of availability.

Browse index

The Browse index feature allows users to look through the indexes of various fields to identify possible keywords / numbers. This is especially useful when checking the spellings of Patent Assignee or Inventor names or finding number formats.

Browse index is found under Search on the toolbar. Clicking on the icon  on the Search form will also take you to the Browse index. Tabs along the top of the Browse index indicate which field of data you are exploring.

Assignee	Inventor	IC8-9	IC	CPC	EC	UC	Priority	Application	Patent
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Assignee

Lookup assignee:

Selected assignees:

AB TETRAPAK (2)
 AS TETRAPOOD (1)
 CO IMMOBILIZATION TETRAPOD INC (7)
 CO TETRAPOD INC (1)
 NIHON TETRAPAK KK (780)
 NIPPON TETRAPACK KK (89)
 NIPPON TETRAPOD CO (58)
 NIPPON TETRAPOD CO LIMITE (1)
 NIPPON TETRAPOD CO LTD (6)
 NIPPON TETRAPOD CO LTD A CORP JAPAN (1)
 NIPPON TETRAPOD CO LTD_AND_R Q PALMER (1)
 NIPPON TETRAPOD COMPANY LIMITED (2)
 NIPPON TETRAPOD COMPANY LTD (1)
 NIPPON TETRAPOD CY LTD (1)
 NOVO TETRAPENTISK LAB AS (1)
 NOVO TETRAPENTISK LABORATORIUM A S (1)
 SHANGHAI TETRAPAKHOYER ICE CRE (1)

Number of index entries to display: 1000

Display: All Standardized names Non-standardized names

Lookup method: Terms starting with Terms containing

NOTE: When using the Browse index to identify all spelling variations in assignees and inventors underscores are automatically inserted. When searching Assignee and Inventor names (not using the Browse index) use underscores between words to speed up searches.

When searching for an exact assignee or inventor name, users can use the PAE= and INE= commands. Please refer to the [Command Language](#) section for further information.

When entering a term in the Browse index Lookup box, the window on the left will display the contents of the index in alphabetical order. The content is refreshed as the term is typed. Users can select to display All, Standardized or Non-standardized names as well as selecting whether the term should start with the letters or contain the letters typed in the Lookup box. Up to 2000 terms can be viewed at one time.

Select terms by holding down the CTRL key and clicking on each term to be searched. To extract many terms from the index list, hold down the Shift key whilst making the selection; Move the selected term into the holding box on the right hand side by clicking the << button.

Once the required terms have been selected and added, click the 'search selected' button and the terms will be pasted into the standard search form. Users can add other criteria, if required before submitting the search.

SEARCHING

Command language

PatBase uses the = operator, but both / and \ also work. For a full list of available commands visit Quick guide found on the welcome page under the General information tab on the right hand side of the screen.


Field qualifiers

Field qualifiers tell the database which parts of information you would like to search. For example, searching for keywords in the text:

Field qualifier	Description	Example
TI=	keywords appear in titles	TI=glue
TA=	search keywords in titles or abstracts	TA=sodium
TAC=	search keywords in titles or abstracts or claims	TAC=anxiety
FT=	search keywords in the full-text	FT=valve

NOTE: By default the command line will search TAC= if running a keyword search and no qualifiers are included. This default can be changed in [Settings / Display & search options](#).

Command line: traffic and jam

 Search

Other **textual commands** provide further options. For example:

Field qualifier	Description	Example
CLFT=	search keywords in the claims of a specific country	CLUS=paper
*EX=	search keywords in the examples of a text	EX=tractor
*SCL=	search keywords in the same claims	SCL=trailer

*These searches are dependent on sections of texts being correctly indexed.

*There are many commands for searching **bibliographic data**, such as assignee and inventor names, dates and numbers, classifications, agents, citations and legal status. The most frequently used are listed below. For a full list of available commands visit Quick guide found on the welcome page under the General information tab on the right hand side of the screen.*

Field qualifier	Description	Example
CC	Publication country	CC=EP
PN	Publication number	PN=EP2563622
PR	Priority number	PR=JP20100081300
PD	Publication date	PD=20150104
CCD	Publication country and date	CCD=EPA20010131
PA	Assignee name	PA=Bosch
IN	Inventor name	IN=Smith Peter
IC	International classification	IC=G0F23/24
UC	US classification	UC=261/20
CT	Cited patent	CT=DE19646559

Date ranging is possible in PatBase both in the command line and in the search form. The greater than and less than symbols can also be used.

Field qualifier	Description	Example
PRD=	Priority date	PRD=201301:2015

EPD=	Earliest publication date	EPD>1995
ADCC=	Application date and country	ADCC<19991231

The **number of publications / countries / citations** within a family can be searched to assist in finding relevant results.

Field qualifier	Description	Example
NP=	Number of publications	1 and NP<12
NC=	Number of countries	1 and NC=8
NCTF=	Number of forward citations	1 and NCTF>6

Field presence

Field qualifier	Description	Example
field=YES ; field=NO	For: ab, ic, cpc, ec, uc, ic8, ica, icc	AB=YES
	For: grant, design	GRANT=YES
	For: grant from a specific country	GRANT=US

Legal status

Legal status PRS codes and legal status groups can be searched using the command line or using the Legal Status search found under Search on the toolbar.

Field qualifier	Description	Example
PRS=(legal status group)	LSFE (Renewal Fees Paid)	PRS=LSFE
	Country and PRS code	PRS=(RU_TZ4A)
	Country and PRS code with date	PRS=EP_17P/20120202
	Country and PRS code with date range	PRS=EP_17P/20120101:20120201

For more information on searching legal status please refer to [Legal Status search](#).

Update weeks

Field qualifier	Description	Example
-----------------	-------------	---------

UP=	Update week, new family	UP=1517 (year, week)
UECC=	Update week, new family or family member from a specific country	UEUS=1540 (year, week)
ULG=	Update week, new legal status information	ULG=1520 (year, week)
ULGCC=	Update week, new legal status information, specific country	ULGEP=1525 (year, week)

NOTE: The current update week can be found in the PatBase coverage pages accessed from the top of the right hand column on the main menu page, PatBase coverage.

Non-Latin search using the command line

Users can run non-Latin searches on all parts of Text, Assignee names and Inventor names in Chinese, Korean, Japanese, Russian and Thai – in the original language with non-Latin characters, via the command line or using the non-Latin search tool. Please refer to [Non-Latin search](#).

To carry out searches on non-Latin characters specify in square brackets the two letter country code of the country's data you wish to search followed by a colon, for example, [CN]:, [TH]:.

Field qualifier	Description	Example
FT	Title in Japanese characters	[JP]: TAC=電圧
PANL	Assignee in Chinese characters	[CN]: PANL=三星航空产业株式会社
INNL	Inventor in Korean characters	[KR]: INNL=이민수

The command language for non-Latin searching described above can also be used to search stored English machine translations of Japanese and Chinese text in PatBase.
For example: [JP]: FT=diamond and polish*

Adding a comment to your Search history

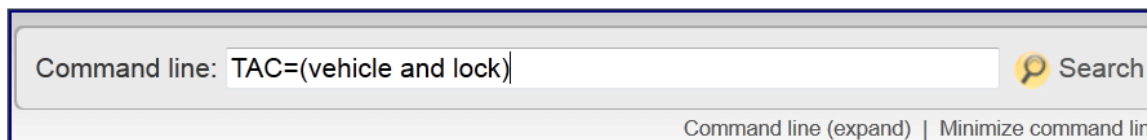
When searching a comment line or break line can be added to your Search history. To do this enter \\ or // in the command line followed by any text.

#	Search query	Results	Options
4	\\ Classification analysis	0	(Comment)
3	2 and CC=(EP or WO)	16252	View Browse Hits Optimise more...
2	TAC=(vehicle and lock)	82759	View Browse Hits Optimise more...

Boolean operators

Boolean operators are AND or OR or NOT. The symbols + (plus) or , (comma) or – (minus) can be used as alternatives.

NOTE: If you wish to use the symbols (+ , -) as Boolean operators this option must be enabled. This can be done in [Settings / Display & search options](#). If this setting is selected then hyphens used in keyword searches will be interpreted as 'NOT'. In this case please replace hyphens with spaces.



Stop words

Stop words are words that an indexing program does not index. In PatBase the Boolean operators 'AND' 'OR' and 'NOT' are stop words. Therefore, these should not be included as part of a keyword search. The limited number of stop words within PatBase allows users to search for words such as, 'a', 'the' 'an' etc.

Truncation

Use truncation (wildcards) when searching keywords that may have plurals or are derivatives of a word.

Truncation symbol	Description	Example
?	matches one character	TI=ear? finds ears, earn etc
*	matches any number of characters	TA=burn* finds burn, burnt, burning etc
%	matches one or zero characters	TAC=engine% finds engine, engines etc
~ or #	Stemming extends a search to cover grammatical variations on an English word	FT=apply~ finds applying, applies etc

NOTE: When using the command line for keyword searching please note that using (~ or #) for stemming to find grammatical variations rather than an asterisk (*), will refine and speed up searches. No more than 90 asterisks can be used / combined in a single search statement. No more than 90 percentage symbols (%) can be used / combined in a single search statement. The use of stemming truncation is unlimited (~ / #). There is a limit of 64,000 variations of a word in a set of results for each truncation symbol.

Command search tips

When searching words containing apostrophes, search for the word with the apostrophe or separate with a space, e.g. [PA=\(L oréal\)](#)

Instead of a hyphen use a space instead. This will also collect hyphenated words, e.g. [FT=x ray](#)

Quotation Marks

PatBase automatically recognises phrases so it is not necessary to use quotation marks.

Example: TA=(vitamin a)

NOTE: When searching keyword terms which include numbers, e.g. alpha 5. Please use quotation marks directly around the number:

Example: TA=alpha "5"

This allows PatBase to distinguish between numbers comprising part of a keyword search and search query numbers. See [Combining search sets](#).

Proximity operators

Use the Wn connector in a search request to specify that one word must occur within n words of the other.

Field qualifier	Description	Example
Wn	One word within so many words of another	TA=rotor W5 drill
WFn	One word within so many words of another, forward	TA=vehicle WF3 wheels
NEAR	One word within 5 words of another	TA=engine NEAR fuel

NOTE: If using multiple proximity operators please refer to Nesting below.

Parentheses (nesting)

When searching terms that have many synonyms or abbreviations, or when combining proximity and logical operators, users will need to use parentheses (also known as nesting).

NOTE: Search queries will be executed left to right unless brackets are used.

Examples:

(software OR application%) AND graphic%

(heat OR fire) W5 resist~

Example where bracketed information takes precedence:

tank AND (whale AND shark) – searches for whale and shark and then tank

When using multiple proximity operators with nesting, increase each operator by at least one unit and nest each operator in its own set of brackets from left to right. When using 'NEAR' (W5) in this way, it is also necessary to increase the proximity operator by at least one.

Correct examples:

(((ROCK WF1 PROTEIN) WF2 KINASE)) WF3 activity)

(((DVD NEAR PROTEIN) W6 LASER)) W7 DISK)

Incorrect example:



((car W2 park) W4 station) W10 (service W5 road))

NOTE: Do not *combine search query numbers or different statements within one query with proximity operators. This example is incorrect: 1 W15 (apple OR banana)*

Combining search sets

When carrying out a search, users often need to combine search sets together. Use the Search history to identify search statement numbers. These are listed in red below #.

#	Search query	Results
8	ic= F02D41/00 and voltage	1803
7	ta=engin%e	more than 100,000
6	PRS=(RU_TZ4A)	212
5	PRD=201301:2015	more than 100,000
4	\\ Classification analysis	0
3	2 and CC=(EP or WO)	16252
2	TAC=(vehicle and lock)	82759
1	TA=(vehicle and door)	68213

Search statements can be combined at any time using the command line.


Examples:

1 OR 2
(1 AND 7) NOT 5

Create a search filter

A search filter allows users to create a sub-set of data in which they can carry out searches.

To set a filter on a current search whilst using the Search form tick the 'Create a search filter' box at the bottom of the form. To set a search filter on an existing search statement, click the corresponding 'more...' option on the Search history page, then select 'Set as a search filter' as required. If using the command line enter **F** followed by the search you wish to be the filter.

Command line: <input type="text" value="F PA=Siemens"/>  Search
--

To erase a filter from the Search history click 'x cancel filter'. If using the command line, enter **F**, which will erase the filter.

Active search filter: PA=SIEMENS (more than 100,000 records) x cancel filter

NOTE: *Setting or erasing the search filter will always delete the existing search history. It is recommended that any search or history be saved first. A warning will appear. When a search or history is saved, any filter used is NOT saved.*

Search fields

Publication number (PN=)

The publication number is the number assigned to a patent when the patent application is published. The publication number is made up of an ISO Country Code (2 letters) and a serial number (variable, 1 to 10 digits). Example format: CCNNNNNNNNNN
Do not enter spaces between the Country Code and the serial number.
Example: EP1186325

Kind code (KD=)

A kind code is used to indicate the status of the document (OPI application, granted patent etc). Codes appear at the end of the patent number but do not form part of the number. Codes vary from country to country in accordance with national practices.
Example format: CCKD
Examples: EPB1, CAC

For details of patent number and kind codes go to the 'Patent number format' lookup found in the right hand column under Search tools.

Application number (AP=)

The application number is the number assigned to a patent when the patent application is filed. The application number is made up of a Country Code (2 letters), the year of filing (4 digits) and a serial number (variable, 7 or 8 digits). A serial number containing less than 7 digits must be expanded using leading zero's (after the year code has been entered). Example format: CCYYYYNNNNNN
In some cases letters such as U or F may be added at the priority numbers these denote type of priority, for example utility model or design.

Examples: AU20090285857, TW20140223384U, US20120426003F

Priority number (PR=)

The priority number is one or more of the application numbers, for which priority rights are claimed. The priority number is usually the first application number to be assigned in a patent family, from which a period of 12 months is given, during which time subsequent patent filings can be made to different patent offices around the world. A priority number is made up of a Country Code (2 letters), the year of filing (4 digits) and a serial number (variable, 7 or 8 digits). A serial number containing less than 7 digits must be expanded using leading zero's (after the year code has been entered).
Example format: CCYYYYNNNNNN
In some cases letters such as U or D may be added at the priority numbers these denote type of priority, for example utility model or design.

Examples: CN201420825858U, US20140521981

Searching Euro-PCT application / priority numbers (AN= / PR=)

Euro-PCT or WO application / priority numbers consist of a WO Country Code, the year of filing (4 digits) the Country Code of the filing (2 letters), then a serial number (variable, 5 or 6 (JP) digits).
Example format: WOYYYYCCNNNNN

Examples: WO2000GB02437, WO2006JP324989

Family Number (FN=)

The family number in PatBase acts like an accession number; the numbers assigned are completely random and have no correlation to the age of the document. The family number allows users to retrieve an exact document, rather than putting in search criteria again; each record represents a family and not an individual publication.

Example: FN=3862157

Patent Assignee (PA=) and Inventor (IN=)

A patent assignee is the person or corporate body to whom all or limited rights under a patent are legally transferred. The inventor is the person(s) or corporate body that invents the patent.

Examples:

PA=Bosch

IN=((HOLCOMBE OR HOLCOMB) AND (D OR DAVID))

NOTE: Assignee searches automatically truncate. To search for an exact PA or IN, use the commands, PAE= and INE=.

Example: PAE=(general electric)

Standard and non-standard names

PatBase contains both standardised and non-standardised names. Standard is as standardised by The EPO. Standard names are displayed followed by (std):

Assignee(s): (std):	NIPPON DENNETSU KEIKI KK ; NI
Assignee(s):	[EN] SENSBY CO ; NIHON DEN N FUJITSU TEN LIMITED [CN] 富士通天株式会社 ; 日本电热计 [JP] 富士通テン株式会社 ; 日本电热计 [KR] 가부시키가이샤 센스비 ; 니혼 단 [TH] เซนส์บีย์ โท ; แอลทีดี ; แอลทีดี .
Inventor(s): (std):	AOYAMA MASAYUKI ; AOYAMA NO AKIRA OKUNO
Inventor(s):	[CN] 奥野旭 ; 有田政人 ; 池户健志 ; [JP] 奥野 旭 ; 有田 政人 ; 池戸 健志 [KR] 아리타 마사토 ; 아오야마 노부유키 [TH] นาย เคนซึอิเคโดะ ; นาย โนบุยุกิอ

A useful way to ensure that everything is included in a name search is by using the Browse index found under the Search toolbar. For further information visit [Browse index](#).

Probable Assignee

The 'Probable Assignee' is calculated using an algorithm which determines the most Probable Assignee for a specific family taking into account things such as priority country and reassignments. Frequently this is the latest assignee added to a family. Probable assignee can be searched using the Search form (a dropdown listed under Assignee) and also can be searched using the command line, PPA=. It is also displayed on the results page with the family information:

Probable Assignee: BOSCH LTD

Probable assignee is used in [PatBase Analytics](#) (the analysis module of PatBase).

To look up affiliations or subsidiaries of a company to include in a search use the [Corporate Tree](#).

Publication, application and priority dates (PD= / APD= / PRD=)

Publication date – when the document is made available to the public.

Application date – when the document is applied for.

Priority date – the initial date of filing a patent application (usually in the applicant's domestic patent office).

Date formats:

YYYY	Search using a 4 digit year	1990
YYYYMM	Search using the 4 digit year and 2 digit month	199007
YYYYMMDD	Search using the 4 digit year, 2 digit month and 2 digit date	19900723

Searching dates in the Search form

Inventor (IN):	<input type="text"/>	? e.g. Depta Robert
Publication number (PN):	<input type="text"/>	? e.g. US4500000
Publication date (PD):	from: <input type="text" value="201501"/> to: <input type="text"/> equals: <input type="text"/>	? e.g. 19970221
Priority number (PR):	<input type="text"/>	? e.g. US19990454001
Priority date (PRD):	from: <input type="text"/> to: <input type="text"/> equals: <input type="text"/>	? e.g. 199702

From: will search dates greater than that date

To: will search dates less than that date

Equals: will search the exact date specified

Entering details in both the 'from' and 'to' boxes will search the dates within the range given and will include the 'from' and 'to' dates. If the 'to' box is left empty it will search to date.

For date searching commands please visit the Quick Guide found on the PatBase welcome page under General information on the right hand side of the screen.

Classifications

International Patent Classification (IC= or IPC=)

The technical content of patent documents is classified according to the International Patent Classification. The IPC is a hierarchical classification system comprising 8 sections, 120 classes, 628 subclasses, and almost 69,000 groups.

The section title is a very broad indication of the contents of the section.

Section A	HUMAN NECESSITIES
Section B	PERFORMING OPERATIONS; TRANSPORTING
Section C	CHEMISTRY; METALLURGY
Section D	TEXTILES; PAPER
Section E	FIXED CONSTRUCTIONS
Section F	MECHANICAL ENGINEERING; LIGHTING; HEATING;
Section G	PHYSICS
Section H	ELECTRICITY

The class title gives an indication of the content of the class.

Section A HUMAN NECESSITIES

Subsection: Agriculture

Class A 01 AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING

Subsection: Foodstuffs; Tobacco

Class A 21 BAKING; EDIBLE DOUGHS

Class A 22 BUTCHERING; MEAT TREATMENT; PROCESSING POULTRY OR FISH

The subclass title indicates as precisely as possible the content of the subclass.

A 47 B Tables; Desks; Office furniture; Cabinets; Drawers; General details of furniture

A 47 C Chairs; Sofas; Beds

A 47 D Furniture specially adapted for children

IPC 8-9

The IPC 8 entered into force on 1 January 2006. It has been introduced to provide a more dynamic classification system and some changes to the existing IPC have been necessary to achieve this. IPC 9 entered into force on January 1, 2009. For the latest IPC visit:

<http://www.wipo.int/classifications/ipc/en/>

IPC 8-9 is searchable at Core and/or Advanced levels, and is also divided into Invention or Non-invention classification(s) for further definition.

Core level – comprises mainly the classes, subclasses, main groups and some subgroups. It will be revised every three years, reflecting major changes in technology.

Advanced level – a finer division of the Core level including further sub divisions. This will be updated quarterly initially and then perhaps more frequently as required.

Invention – defined by WIPO as "...technical information in the total disclosure of a patent document (for example, description, drawings, claims) that represent an addition to the state of the art".

Non-invention – defined by WIPO as "...non-trivial technical information which does not in itself represent an addition to the state of the art..."

IPC 8-9 will be propagated across families for the backfile (prior to 2006), but the frontfile will not, and so each family member may have different classifications (as is the case with existing IPC classification). As PatBase is based upon one record = one extended family the frontfile classification will automatically be propagated across families. IPC 8-9 in PatBase, will therefore be searchable across families for the entire search period. The old IPC (editions 1-7) remain as legacy data and continue to be searchable at all levels.

Searching IPC 8-9 using the Search form

Classification Int. - This option will search all IPCs, **IPCs 1-9**. This is the default setting.

IC8-9 - Selecting this will search **only IPC 8-9**.

Searching IPC using command language

Commands:

IC=searches all International Classifications

IC8=searches IPC 8-9 only

Examples: IC=(G01F23 or G01F25)

Searches within IPC 8-9:

ICC= searches all Core level (both Invention and Non-invention)

ICA= searches all Advanced level (both Invention and Non-invention)

ICI= searches all Invention (both Advanced and Core levels)

ICN= searches all Non-invention (both Advanced and Core levels)

ICCI= searches Core level Invention

ICAI= searches Advanced level Invention

ICCN= searches Core level Non-invention

ICAN= searches Advanced level Non-invention

IC can be searched for field presence, for example, IC=YES.

NOTE: *Combine searches with field presence e.g. CPC=no, IC=YES, to optimise search results.*

Example:

#1. (TAC=golf NEAR ball) AND IC=A63B37/12

#2. (TAC=golf NEAR ball) AND IC=no

#3. 2 AND CPC=A63B37

NOTE: *The use of truncation is not necessary when searching IC, CPC and EC classifications up until the subgroup. However, when searching for divisions of a subgroup e.g. G0F23/24A2 or G0F23/24A4B it is necessary to use truncation, e.g. G0F23/24* to identify all divisions.*

TIP: Users can find appropriate IPCs, as well as CPCs, using the PatBase Analytics 'A' command. The 'A' command allows users to conduct an analysis on the latest results set.

Use the [Classification Finder](#) found under Search on the toolbar to search IPC classification definitions and find the most relevant codes.

Cooperative Classification Codes (CPC=)

The Cooperative Patent Classification (CPC) is a classification system created in partnership by the USPTO and the EPO combining their two systems, ECLA and USPC. The CPC is mainly based around the International Patent Classification system (IPC) standards administered by the World Intellectual Property Organization (WIPO). The ECLA was replaced by the CPC in January 2013, and the US classification, excluding plants and designs, was replaced by the CPC in June 2015.

For the latest version of the CPC visit:



<http://www.cooperativepatentclassification.org/cpcSchemeAndDefinitions.html>

Searching CPC using command language

Example:

CPC= E21B33/13

Although the CPC uses non-sequential numbering PatBase includes intelligent indexing solutions which run behind the scenes meaning the correct subdivisions are picked up using the truncation (*).

For example: CPC=B02C1/02* retrieves the correct subdivisions B02C1/025, B02C1/04, B02C1/043 etc. Also, anything entered before the / is automatically truncated with * so searching CPC=B02C1 will automatically pick up anything after the /.

Use the [Classification Finder](#) found under Search on the toolbar to search CPC classification definitions and find the most relevant codes.

US Classification Codes (UC= or UPC=)

At the US Patent & Trademark Office, the technical content of US patent documents is classified according to the US Patent Classification. USPTO Classification consists of approximately 450 classes and 150,000 subclasses. The classification consists of a class and sub class class/subclass, for example, 2/5. Some subclasses can contain decimal and alpha modifiers (for example, 427/2.31 or 427/3A). If searching for the entire contents of a specific class without specifying a particular subclass, do not use truncation.

Searching UC using command language

Example:

UC=73/597

From 1 June 2015, US application numbers and US patent numbers cease to have a US classification code assigned to them. Instead all US applications and patents will be assigned a Cooperative Patent Classification (CPC).

Legacy data for US classifications will remain searchable in PatBase. Using a combination of US classification searches with CPC classification searches is recommended.

Use the [Classification Finder](#) found under Search on the toolbar or the [Classification Explorer](#) found on the search results page (above all hyperlinked classifications) to assist in mapping between US classification codes and Cooperative patent classification codes.

The USPTO provides some useful search tools and a UC / CPC mapping tool, visit:

<http://www.uspto.gov/web/patents/classification/index.htm>

NOTE: *Design patents and plant patents will still be assigned US classification codes.*

Examples of US design class search and US plant class search:

UC=D6/522

UC=PLT/413

European Classification Codes (EC=)

As of 1 January 2013 the EC (ECLA) was no longer applied, the data however remains in PatBase as legacy and is searchable. At the European Patent Office (EPO), the technical content of patent

documents is classified according to the European Classification, which is an extension of the International Patent Classification (IPC). The EPO examiners instigated the ECLA system originally as an internal search tool. ECLA headings are assigned to patents by EPO examiners on the basis of subject matter; they do not depend upon the IPC printed on the original document. As the ECLA is far more sub-divided than the IPC, it is possible to select definitions that are more narrowly defined (i.e. the search is more closely targeted to the subject area). The ECLA is updated monthly to cope with changes in 'fast-moving' technologies. If searching the entire contents of a particular class, truncation does not need to be added.

Searching EC using command language

Example:

EC= F16H3/72G2

Use the [Classification Finder](#) found under Search on the toolbar to search classification definitions and find the most relevant codes.

Japanese Classification Codes (JCI= and JCT= and JCF=)

To search and display Japanese classifications this option needs to be enabled. Go to Settings/Display & search options from the main menu page and check the 'Enable Japanese classification' box. This will display the Japanese Classification fields in the Search form.

There are three components to the Japanese patent classification system:

File Index Terms (referred to as FI)

File Forming Terms (referred to as F-Terms)

Facets

PatBase adopts JC as the overall field identifier to represent the Japanese patent classification. Depending upon which component is required, a further letter is added, as follows:

JCI= File Index Terms

JCT= File Forming Terms

JCF= Facets

File Index Terms (FI)

FI is based upon the IPC, and offers an extended set of terms, similar to ECLA. The IPC currently has around 70,000 terms, whereas FI has approximately 190,000 (ECLA=120,000, USPC=160,000).

Structure: <IPC><IPC subdivision symbol><File discrimination symbol>

Example: <G06F9/00><320><A>

PatBase: JCI=G06F9/00/320/A

The definitions of the example FI are as follows:

G06F

9/00

Arrangements for programme control, e.g. control unit (programme control for peripheral devices G 06 F 13/10; in regulating or control systems G05B)

9/00/101 . Consoles

9/00/310 . . Operation control

9/00/320 . . . Related to display control

9/00/320/A Operations in general

NOTE: The file discrimination symbol "A" is a further subdivision of 320, and so the classifications G06F9/00/101/A and G06F9/00/A are not valid.

File Forming Terms (F-Terms)



F-Terms were created to deal with the ever increasing volume of patent documents. The technical content of patent documents has been divided into themes, each theme being given a theme code. The concept is to use F-Terms in combination with FI (though this is not obligatory) to effectively reduce the number of patent documents indexed under selected FI to be examined. So a user could imagine that FI cuts a cake vertically, and F-Terms horizontally, to produce a very small slice.

Every F-Term consists of a five digit theme code plus a four digit view point code; and possibly a further one letter extension symbol. For example, 2B003/AA01, where 2B003 is the theme code (artificial fish reefs) and AA01 is the term (sunken installation configurations). There is no extension symbol in this case.

Structure: <Theme code><View point><Extension symbol>

Example: <2H091><FA14><X>

PatBase: JCT=2H091/FA14/X

Currently there are around 1,800 different theme codes with a total of around 350,000 terms.

Facets

Facets are usually associated with specific FI, though there are facets that are applicable generally. Facets provide a different viewpoint from FI. A facet is a three letter code. An FI specific facet starts with the first letter of the FI (G in the example below), whereas a general facet starts with "Z".

Structure: <Facet>

Example: GBV Collection devices applies to FI: G07D1/00-3/16

PatBase: JCF=GBV

Looking at the FI definitions for G07D 1/00-3/16, it can be seen that there are no classifications relating to "collection devices"; hence the creation of a facet for this area of the classification.

Searching JC using command language

Examples:

JCI=B60H1/00/102/S

JCT=3L211/AA09

Super Classification Command (SC=)

Search the CPC, IPC, USPC, ECLA and the JP Classification schemes at once via the Search form or using the SC command which allows all classification schemes to be searched simultaneously.

Searching SC using command language

Example:

SC=B60G17

German Classification Codes (GC=)

To search and display German classifications this option needs to be enabled. Go to Settings / Display & search options from the main menu page and check the 'Enable German classification' box. This will display the German Classification field in the Search form.

The German Classification Code (known as the DEKLA) is an extension of the IPC and has been set up internally by the German Patent and Trade Mark Office. It adds nearly 40,000 extra subdivisions in

addition to the IPC's sub divisions. This enables easier and better searching due to more detailed subdivisions of the IPC groups.

The classification extends the IPC classification by adding another subgroup; this subgroup is placed at the lowest level of the hierarchy and as such is at the end of any IPC codes.

Searching GC using command language

Example:

GC=B21D11/00

Locarno Classification Codes (LC=)

The Locarno classification system is for design patents. It is based on a multilateral treaty administered by WIPO (The World Intellectual Property Organization).

The classification consists of a collection of classes and subclasses, each containing a list of goods or services that relate to that class/subclass of products. This classification system is updated every 5 years (and is currently on its 9th edition)

Searching LC using command language

Example:

LC=20/03

Designated states (DS=)

The Patent Co-operation Treaty (PCT) is a system by which a patent application can be filed in many different countries at once. The application may be converted to a series of national applications in different countries. This is also relevant for patent applications made to the European Patent Office; applicants of a European patent will designate the countries in which they seek protection. The European patent is then treated as a bundle of separate national patents. To limit a search to families containing only certain designated states for EP and PCT publications, use the ISO country code with the DS qualifier.

Searching DS using command language

Example:

DS=(US OR GB OR EP)

Agent (AG=)

Users can search for agent data using the command language or the Search Form.

Searching AG using command language

Example:

AG=(Alfred AND Froebrich)

NOTE: *It is not possible to distinguish various fields such as agent name, name of firm, address etc. All of the text related to agents will be searched in the Search form or using the AG= command.*

NC and NP commands

Number of countries in a family (NC=)

The NC command allows the user to refine the amount of countries to be found in family found in their search results.

Example:

FT=(wingless aircraft) AND **NC>5** (PatBase will find families with more than 5 countries)

= < > can all be used.

Number of publications in family (NP=)

The NP command allows the user to refine the amount of publications to be found in family found in their search results.

Example:

TAC=(piperazine and anxiety) and **NP<50** (PatBase will find families with less than 50 publication in a family)

= < > can all be used.

The user can also refine the amount of publications from certain countries to be found in the search result set.

Examples:

TA=(cranes and motor) and **NUS<3** (PatBase will find families where there are less than 3 US publications in a family)

TA=(voltage and lead) and **NWO=2** (PatBase will find families where there are 2 WO publications in a family)

For further information on PatBase command language visit the Quick Guide found in the PatBase welcome page under General information on the right hand side of the screen.

Number formats

For a full list of patent number formats, kind codes and their document types go to the right hand column 'Patent number formats' found under Search tools on the History page. Then enter the country code, for example, JP.

Japanese numbering system

When searching Japanese numbers it is helpful to know whether the user is searching for an unexamined or examined document. Before 1995, the same number series could be used for unexamined and examined publications, so knowing the Kind Code (A for unexamined and B for examined) helps locate the correct document for earlier years.

In addition, Japanese publication numbers used the Imperial year rather than the Western year prior to 1995/2000 for examined / unexamined documents, therefore it is useful to understand how to interpret the documents. The Imperial year is the year of the Emperor's reign and in PatBase, there

are currently 2 Emperors to consider when formatting the number. The changeover year can be tricky as the date may not be changed immediately, therefore it is advisable to try both options – e.g. during year 64 of Hirohito’s reign and Year 1 of Akihito’s reign (this applies to documents published in western year 1989). The Imperial year returns to 1 each time a new Emperor ascends the throne.

Japanese Imperial / Western year Conversion table

Emperor and Era name	Imperial Year range	Calculate Western year
1926 – 1989 SHOWA (Emperor Hirohito)	1 - 64	Add 25 to get Western year
1989 – current HEISEI (Emperor Akihito)	1 -	Add 1988 to get Western year

Current Number Formats in Japan

From May 1996, the examined (granted) publication stage B called Toroku was introduced and replaced the former Kokoku. At the same time the year code within the number was replaced by a sequential number starting with 2,500,000.

From the Year 2000 onwards, a new publication number format was introduced in Japan for unexamined (patent application, stage A) Japanese patent documents, adopting the Western year, for example PN=JP2006137772 or PN=JP2006137772 A2

NOTE: Where possible use a kind code to search Japanese publications numbers. Alternatively use KD=JPA* to search unexamined (A) Japanese documents.

Japanese PCT applications appear with Kind Code T2. Japanese Registered Utility Models appear with Kind Code U and Japanese Utility Model Applications have the kind code U1. A variety of Japanese patent document copies in PDF can be ordered via PatBase.

NOTE: When ordering PDFs for examined and unexamined patent documents using the Order function (PatentOrder) via PatBase:

JP2004012345 for A stage documents

JP3504610B2 or JP3504610B for B stage documents

To retrieve the full patent document in Japanese, enter the patent number with the country code and no zero. e.g. JP62100762

To retrieve the 'Patent Abstract of Japan front page in English, enter the number with a zero. e.g. JP062100762

Japanese application and priority numbers

Japanese patent documents still use the imperial year for application / priority filing numbers (unlike on their publication numbers).

Example of an application number search:

AP=JP20050205876

MANAGING SEARCHES AND SEARCH HISTORIES (SAVING, DELETING, EDITING, ARCHIVING)

Search history

The search history appears automatically once a search has been submitted. Each history shows the search statement number (in red), the search query and the number of results retrieved. The order of the search statements can be descending or ascending. By default the order is descending. This can be changed by going to [Settings / Display & search options](#) from the main menu page.

#	Search query	Results	Options
3	(1 or 2) and PRD>2005	1955	View Browse Hits Optimise more...
2	sc=A47L9/16	3579	View Browse Hits Optimise more...
1	tac=(vacuum* and clean# and cyclone*)	2050	View Browse Hits Optimise more...

To display a search history at any time, go to History / View search history. Alternatively enter 'h' in the command line and press enter. This will return you to the search history page.

When in View, Browse or Hits mode full search queries can be viewed by mousing over the search statement in the top right hand corner.

The screenshot shows a web interface with a top navigation bar containing 'Menu', 'Search', 'History', 'Session', 'Folder', 'Order', 'Help', and 'Logoff'. Below the navigation bar, a search bar displays 'Search 1: "(PA=("MOLEMAB_S_P_A" OR "MOLEMANS_FRANCIS_STEPHAAN_JAN" OR "MOLMAC ...") 1-10 of 48 next>>'. A 'Show search history' window is open, showing a table with the following data:

#	Search query	Results
1	(PA=("MOLEMAB_S_P_A" OR "MOLEMANS_FRANCIS_STEPHAAN_JAN" OR "MOLMAC_ENGINEERING_LTD" OR "MOLMANN_DIETER" OR "MOLMANN_ODD_VIGO" OR "MOLMAX_FABRIK_F_SPORTAUSRUE" OR "MOLMAX_LTD" OR "MOLMEC_INC" OR "MOLMEC_RAYMOND_FASTENER_CO" OR "MOLMEC_RAYMOND_FASTENER_COMPAN" OR "MOLMED_SPA" OR "MOLMENTI_ERNESTO_P" OR "MOLMENTI_ERNESTO_POMPEO" OR "MOLMLYCKE_AB"))	48

On the right side of the 'Show search history' window, there are buttons for 'apshot' and 'Visual explo', and a text area containing 'il vectors particularly tho rface marker in the viral'. At the bottom right of the window, there is a small text: '? (Advanced/Invention);'.

Explore search

Once a search has been run, the option to 'Explore search' will appear on the top right hand side of the history page. Click here to get a breakdown of the number of hits.

Explore search 4 ✕

Explore search 4: TAC=(GARBAGE OR TRASH OR RUBBISH) AND PD=201407
Results: 819

GARBAGE (58070)
TRASH (26638)
RUBBISH (10352)

Edit and resend last search

An option to 'Edit and resend last search' is also available from the top right hand side of the history page. The option to edit a last search can also be accessed from History / Edit search history.

The search history can be edited easily via a standard text editor or a simple editor (line by line):

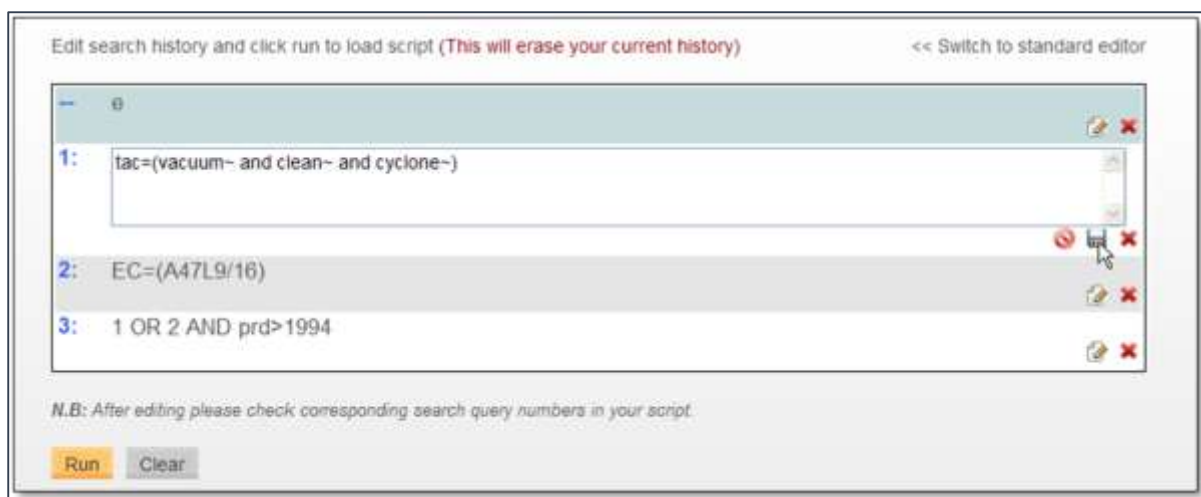
Text editor

Edit search history and click run to load script (This will erase your current history) Switch to simple editor >>

```
e  
tac=(vacuum~ and clean~ and cyclone~)  
EC=(A47L9/16)  
1 OR 2 AND prd>1994
```

N.B: After editing please check corresponding search query numbers in your script.

Simple editor



The simple editor allows the user to modify saved or existing histories in a line by line mode. Click on the 'edit' icon to open up the line. After editing the line click on the 'save line' icon. Users can discard the changes by clicking on the 'cancel' icon. It is possible to delete the entire line by clicking on the 'delete' icon.

NOTE: *After editing check corresponding search query numbers in the script.*

NOTE: *Editing and re-running the search history will erase the current history.*

Users can **delete a current search history** by selecting History / Clear search history from the toolbar; or they can type 'e' in the command line.

Users can **clear the most recent search from the search history** by selecting History / Clear last search from the toolbar; or they can type 'u' in the command line. A number of searches can be deleted from the search history at once by typing 'u 5' for example. This deletes (undoes) the last 5 search queries.

NOTE: *To transfer a search query to the command line for editing click on the search strategy number # (the number in red).*

Publish / Send results

Results from a search can be sent to a colleague(s) straight from the search history page. Click more... and then select Publish / Send results from the right hand column. Enter a search name and select whether you wish to include [Custom User Fields](#). Then click on Publish / Send results. Enter the email addresses of colleague(s) separated by a semi-colon(s). The link to the results will remain for 6 months and can be viewed by PatBase users, PatBase Express users or people without a PatBase subscription. The option to 'Send using your local mail client' generates an email pop-up, whereby the user can use mail lists from their PC. The email can then be sent as normal.

Saving, storing and re-running a search

Saving a search

After a search has been run, users have the option to save the search. From the search history page click on the more... option, select Save search from the right hand column. Enter a name for the search in the box at the top of the page 'Save the search as:' and click save. Users can save up to 2500 searches on one User ID. Searches are listed alphabetically and these can be switched between descending and ascending order by clicking on the heading 'Search name'. Search names and search queries can be searched by using the 'Filter by search name or query' box at the top right of the screen. The same filter search option is also available for archived searches.

Opening and running a saved search

To open a previously saved search, go to Search / My saved searches from the main menu or from the toolbar. A list of previously saved searches will appear. Select a saved search and click the 'run' button. Saved searches can also be deleted (del) and archived (archive) from here.

Deleted saved searches are not retrievable.

Archived saved searches can be retrieved at any time. To retrieve an archived search, click on the 'View archived searches' button displayed at the top and bottom of the list of saved searches. A list of archived searches will appear. Click on 'load' to reinstate the archived search into the current saved searches list. Click 'delete' against a search within the archived list to delete it from PatBase permanently.

Running a saved search from the command line

It is possible to run a saved search directly from the command line using the ss= command. For example ss=(GKN).

NOTE: *Saved search names should be placed in brackets if they consist of two or more words / numbers.*

NOTE: *Numbers that form part of saved search names should **NOT** be placed in quotation marks.*

Examples of retrieving saved searches using command language

#	Search query	Results	
8	ss=(test13)	280	View
7	ss=(rotor and drill)	190	View
6	ss=(GKN)	174	View

Saving, storing and re-running a search history

Saving a search history

Users have the option to save not just one search query, but their whole search history. To save a search history, select History / Save search history from the toolbar. Users can enter a search history name in the Save the current search history as: box then click 'Save'. A verification message will be shown. Users can save up to 2500 search histories on one User ID. Search histories are listed alphabetically and these can be switched between descending and ascending order by clicking on the heading 'History name'. History names and search queries can be searched by using the 'Filter by search name or query' box at the top right of the screen. The same filter search option is also available for archived search histories.

Opening and running a saved search history

To open a saved search history, select History / My saved histories from the toolbar. A list of previously saved histories will appear. Click 'load' on the right hand side of the saved history. The search will then be placed in an editable box. Then click 'run'.

NOTE: *Running a saved history will delete any existing search statements.*

Saved histories can also be deleted (delete) and archived (archive) from the History / My saved histories page.

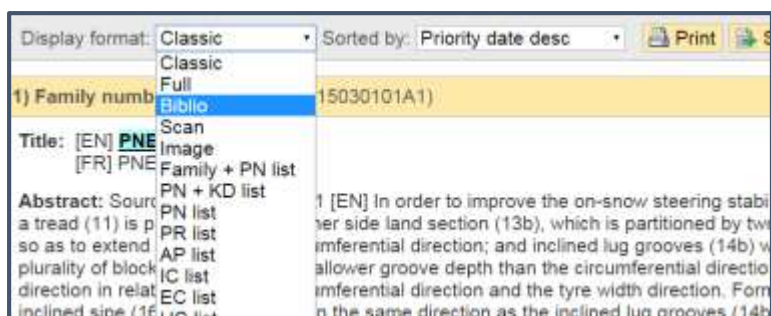
Deleted saved search histories are not retrievable.

Archived saved search histories can be retrieved at any time. To retrieve an archived search history, click on the 'View archived histories' button displayed at the top and bottom of the list of saved search histories. A list of archived search histories will appear. Click on 'load' to reinstate the archived search history into the current saved search histories list. Click 'delete' against a search history within the archived list to delete it from PatBase permanently.

DISPLAY

Display search results and display formats

PatBase offers numerous display formats. Users can select the default view of documents by going to [Settings / Display & search options](#) found on the main menu page. Customised views can also be entered and saved from the Display & search options. Default choices can be overwritten by selecting display formats from the dropdown menu found at the top of the page when viewing records (see screenshot below) or by using command language.



Display Formats

Name	Command	Description
Classic	cla	Full record with abstract and image at the top
Full	fu	Full record with abstract and image at the end
Biblio	bib	Full bibliographic information
Scan	sc	Short format (TI, AB, PA)
Image	img	Clipped Image and Mosaics
Family no.	fn	List of family numbers and publication numbers
Kind code	kd	List of publication numbers and kind codes
Publication no.	pn	List of publication numbers
Priority no.	pr	List of priority numbers
Application no.	ap	List of application numbers
International class	ic	List of International classifications
European class	ec	List of European classifications
US class	uc	List of US classifications
Family table	fam	Family members table
Custom	cus	Chosen customised record

Display results using the command line

Users can enter commands to display records in a chosen format from the command line. Enter V (view mode), L (list), B (browse mode). For example:

Command line: B S5 CLA 1-50  Search

B (browse mode), S5 (search statement 5), CLA (classic format), 1-50 (records 1-50).

Command line: L S5 KD	 Search
-----------------------	--

L (list), S5 (search statement 5), KD (publication numbers and kind codes).



If no search statement is specified then PatBase defaults to the last search statement. If no display format is entered records will be displayed according to your Default record display format which is entered in [Settings / Display & search options](#).

Display using the Command line



Family number: 882828 (1-10/12/2017)

Title: 自行车脚踏轴总成
[FR] PNEUMONIC HUB

Abstract: Bicycle hub WO/1612236 [FR] The present invention comprises an attachment body (1) that is attached to an axle, a ring bracket (14) comprising an inner cylinder body (12) that is fitted to the outside of the attachment body (1), and an outer cylinder body (2) that surrounds the inner cylinder body (12) from the outside to the top radial direction, and a plurality of connecting members (3) which are arranged between the inner cylinder body (12) and the outer cylinder body (2) along the top radial direction, and a plurality of the cylinder bodies (12, 13) to one another. The plurality of connecting members (3) are at least a portion of the ring bracket (14) are integrally formed from a synthetic resin material that has a flexural modulus as measured at -20 degrees or more by a three-point bending test in compliance with ISO 178 which is no more than 2.0 times the flexural modulus as measured at 80 degrees or more by the three-point bending test.

[FR] Le présent brevet concerne un ensemble d'un corps d'attache (1) installé sur un axe, d'un élément annulaire (14) à l'extérieur d'un corps d'attache (1) et d'un ensemble de corps d'attache (12) et d'un ensemble de corps d'attache (13) disposés en cercle extérieur de la direction radiale du joint, et d'une pluralité d'éléments de raccordement (3) disposés entre le corps d'attache interne (12) et le corps d'attache externe (13) et qui sont fixés entre eux. Au moins une partie de l'élément annulaire (14) est placée d'éléments de raccordement (3) sont formés d'un matériau synthétique dont le module d'élasticité à la flexion à -20 degrés ou supérieur obtenu par un essai de flexion à trois points conformément à ISO 178, est inférieur ou égal à 2,0 fois le module d'élasticité à la flexion à 80 degrés ou supérieur obtenu par un essai de flexion à trois points.


Classification: Classification Codes
International: B60B39/04; B60B39/02; B60B39/000719 (International)
IPC: B60B39/04; B60B39/02; B60B39/000719
JIP: B60B39/04
JP Family: 6828284; 6828284; 6828278

Family: Family Data

Publication number	Publication date	Application number	Application date	Links
WO/1612236 A1	20160707	WO/2015/09219	20150311	
US/2014/12259 A2	20140507	JP/2013/00264	20131228	

Priority: Family Data
JP/2013/00264 20131228

Assignees: 882828 (1-10/12/2017)
Assignees: [FR] 株式会社 PTC >
Inventors: 882828 (1-10/12/2017)
Inventors: [FR] 中野 隆史; 中野 隆史; 中野 隆史
Agents: 882828 (1-10/12/2017)
Agents: 882828 (1-10/12/2017)
Designated states: AG AK AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GG GR GT HW HM HR HU IE IL IN IS IT KE KG KH KN KP KR KZ LA LC LK LS LT LU LV LY MA MC MD ME MG MK MN MM MT MW MX MY NZ NA NE NI NL NO NZ NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV TF TG TH TJ TN TT TZ UA US UY UZ VC VN ZA ZW ZY

Once records have been displayed, users can navigate through the records by using  keys circled above. Or, if enabled, users can navigate records using keyboard shortcuts. Please refer to [Enable keyboard shortcuts](#) for further information.

Where available an abstract in English will be displayed with the bibliographic information.

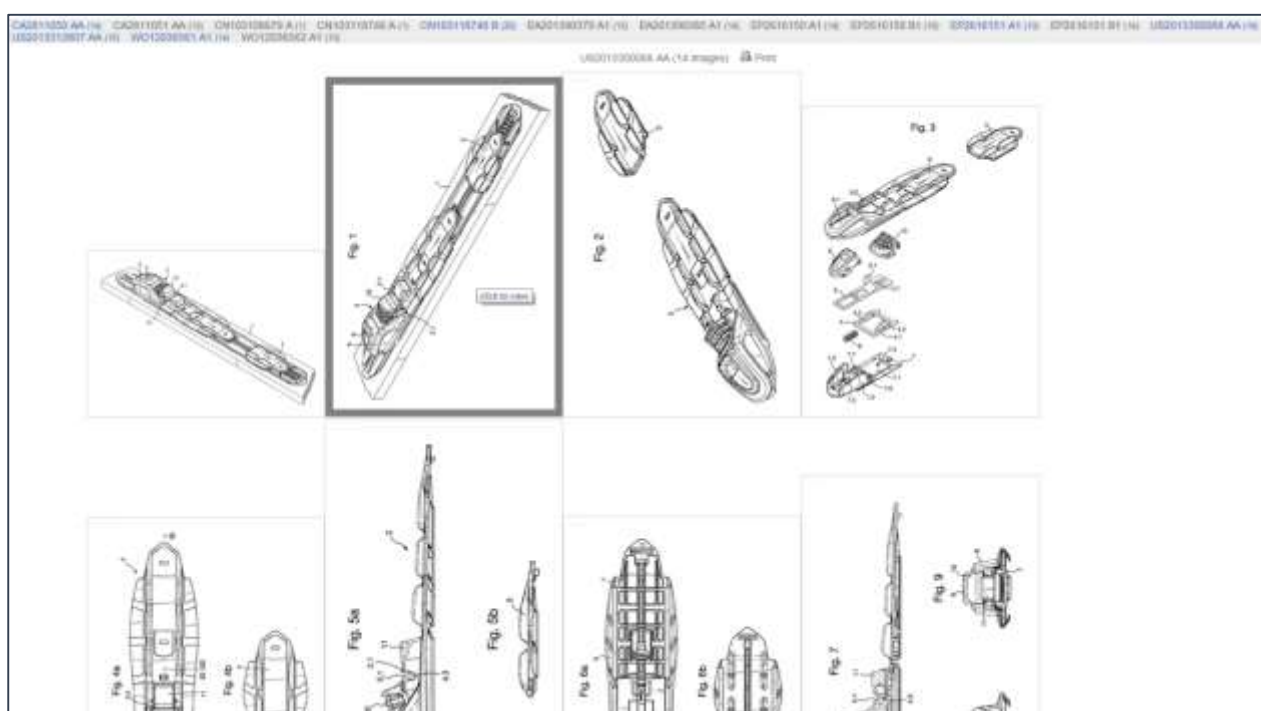
Examining PatBase families

Each PatBase family record represents one invention. When users find a record of interest it is easy to further examine a family and its publications by utilising tools and links provided.



Images

Where available a representative image can be displayed with bibliographic information. If users wish to see an image within their bibliographic data select a 'Display format' that supports an image. The 'Display format' dropdown list is found on the top left of the page. Classic, Full or Scan all display an image. The format 'Image' will display all images with the title, abstract and assignee information. To view all images on a larger scale for a family double click on a displayed image within a record. This will open an image viewer (in a pop-up window) where all images for each member of a PatBase family can be viewed in detail. The numbers of publications containing images are listed at the top of the page and can be navigated between. The amount of images a publication has is given in brackets after the publication number. Click on any of the images to enlarge them.



Legal Status (table, timeline, litigation and reassignments)

The legal status viewer provides INPADOC legal status information about applications within a family. It is accessible from the right hand side of the family bar in the 'View', 'Browse' or 'Hits' screens when viewing your results. Select 'Status'.

The legal status data is updated weekly (every Thursday) by a feed supplied by The EPO.

Legal status table

Application No.	Application Date	Publication No.	Inventor	Event Date	Event Code	Event Group	Event Details
AL2011028808	20110817	AL2011288088	AA	20111211	LSP1	Published / Reissued	Published / Reissued
		AL2011288088	AA	20110205	DAG		Amendment Made Section 134 The Nature Of The Amendment Is: Amend The previous Title To Read Pneumatic Tire
		AL2011288088	BB	20110521	LSP1		Granted - Examination (App. Exam. Phase)
CA2013271803	20130017	CA20118183	AA	20141029	LSP1	Published / Reissued	Published / Reissued
CH2013030808	20130017	CH10420308	A	20131018	LSP1	Published / Reissued	Published / Reissued
		CH10420308	A	20131018	CCP		Publication
		CH10420308	A	20130225	CYS		Request Of Examination As To Substance
EP2010059404	20100017	EP20810211	A1	20101025	LSP1	Published / Reissued	Published / Reissued
		EP20810211	A1	20101025	YIP		Request For Examination Filed Effective date: 20111121
		EP20810211	A1	20101025	AAK		Designated Contracting States: Kind code of Ref document: A1 Designated country: EP States
		EP20810211	A1	20100205	AXX		Extension Of The European Patent To Contracting states EP States
JP2012014888	20120018	JP2012049888	A0	20121101	AAQ1	LSP1	Indian Request For Application Examination Apparatus Intermediate Code: A021 Effective date: 20121105
		JP2012049888	A0	20121020	LSP1		Published / Reissued
		JP2012049888	A2	20131025	LSP1		Notification Of Reasons For Refusal Apparatus Intermediate Code: A121 Effective date: 20131024
		JP2012049888	A0	20140208	AC00		Substantive Examination Of Patent Of Invention Apparatus Intermediate Code: A140 Effective date: 20140207
		JP2012049888	A0	20140225	AC21		Indian Amendment Apparatus Intermediate Code: A020 Effective date: 20140224
		JP2012049888	A0	20140417	YTRDD	LSP1	Decision Of Grant Or Refusal Written
		JP2012049888	A2	20140409	AAJ1	LSP1	Indian Divided To Grant & Refused Or To Grant & Rejection (with Appeal) Apparatus Intermediate Code: A01 Effective date: 20140507
		JP2012049888	A0	20140612	AAJ1	LSP1	Final Payment Of Annual Fees Making Grant Proceedings Effective date: 20140612

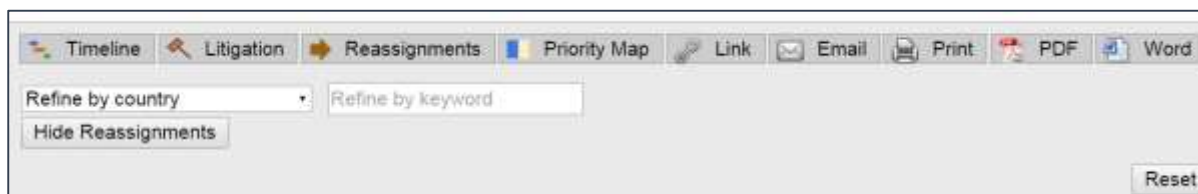
When viewing the legal status table the display order can be altered by clicking on the headings where a dropdown arrow is shown; Application No., Application Date, Publication No., Event Date, Event Group.

In the top left hand corner of the screen details of the publication are given including an option to view a representative abstract. To view the representative abstract click on the blue arrow (circled in the screenshot below). A pop-up window will open with the abstract and option to link to, email or print the abstract.

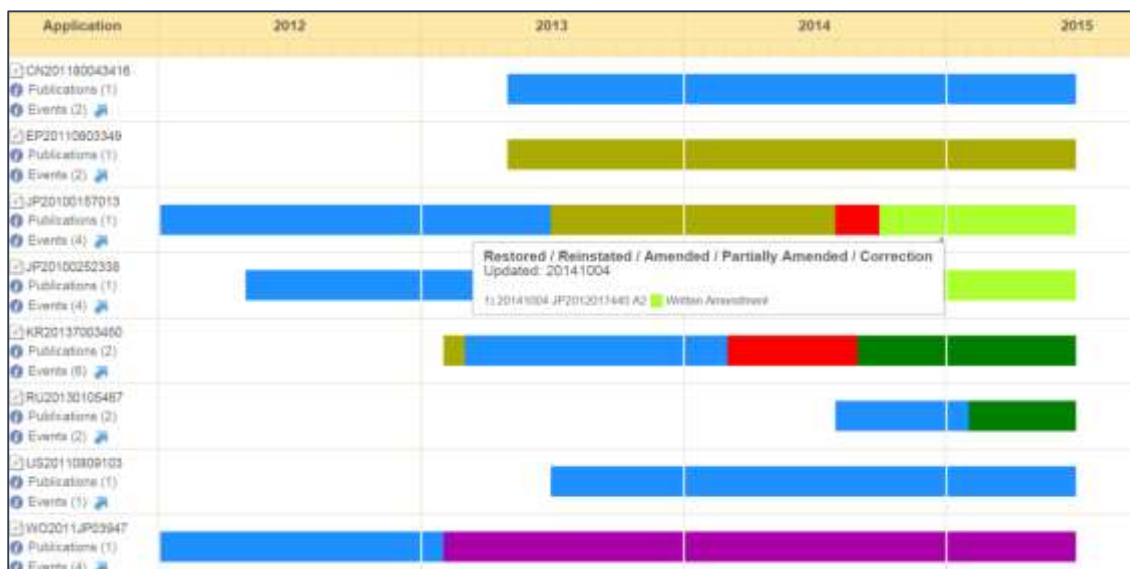
To view legal events in a calendar layout (by year and month) click on the calendar icon (also circled below).



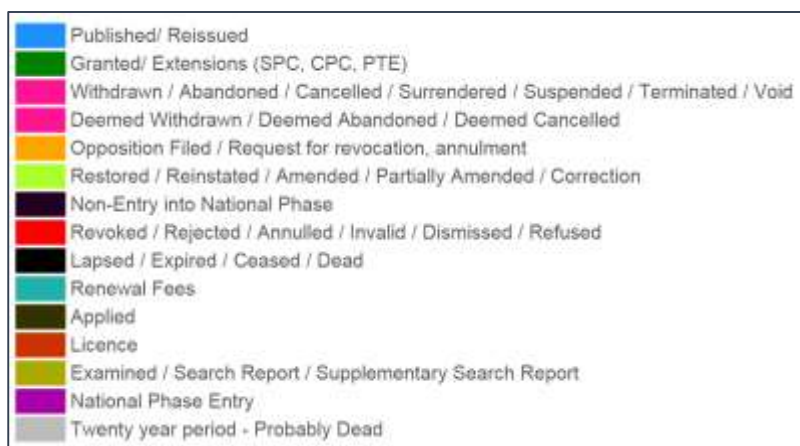
Other options are provided:



Timeline



The Timeline provides a visual overview of the legal status of a family. Each application included within the INPADOC data has an entry. Mousing over a bar will display explanations (as shown above – JP2012017440 A2 Written Amendment). A legend is shown below the timeline view providing explanations of the colour groupings.



NOTE: The PatBase legal status event groupings were put together in-house.

Mousing over the Publication and Events headings in the left hand column (shown in the screenshot below) will provide details about the publications and events for this particular application number. A link to national registers, where available, is also provided (the R icon next to the application number).

Application
AU20130260938
Publications (2)
Events (3)
CA20132871833
Publications (1)
Events (1)

Litigation provides a link to information about some US cases.

Reassignments

Reassignment information is provided for US applications with data supplied from the USPTO.

Priority Map

The Priority Map illustrates how family members are related by their priority numbers. Refer to [Priority Map](#) for further details.

Other options

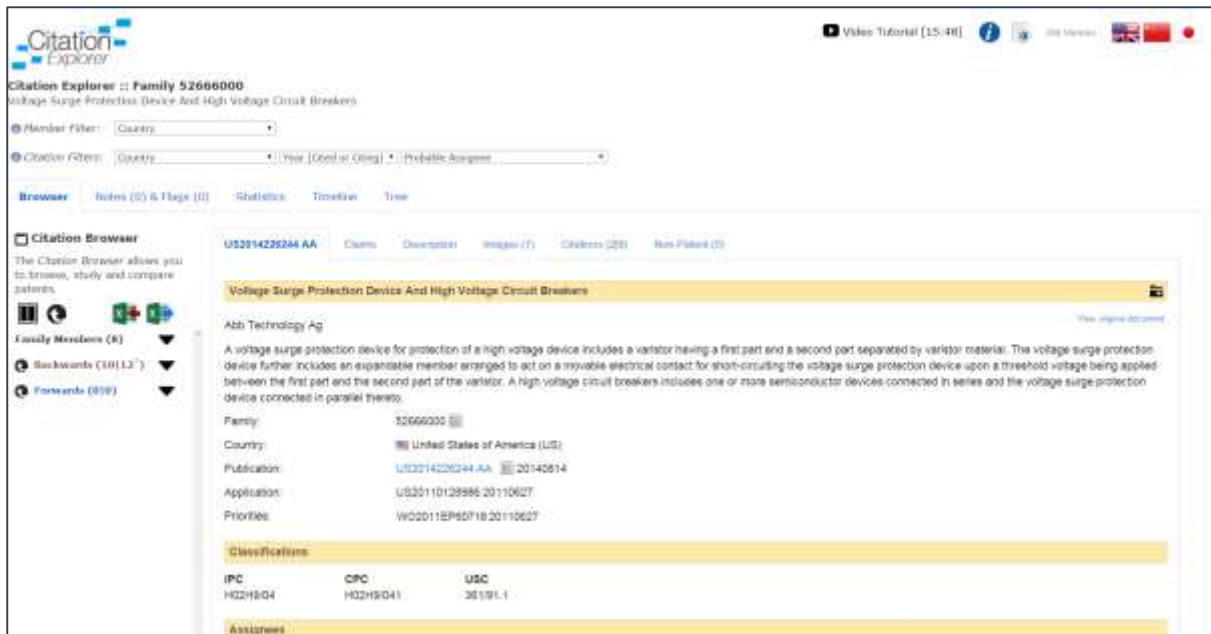
Options to: Link - send a link of the page to a colleague; Email; Print; Create a PDF copy or Create a Word copy are available.

Results can be refined by country or by keyword. Reassignments can be displayed or hidden. An option to reset the page (remove any filters) is found on the top left hand side.

Citation Explorer (Citations)

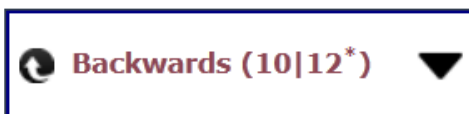
Citation Explorer aims to simplify the task of examining voluminous patent citations. Access the Citation Explorer from the right hand side of the family bar in the 'View', 'Browse' or 'Hits' screens when viewing your results.

Citation Explorer welcome screen



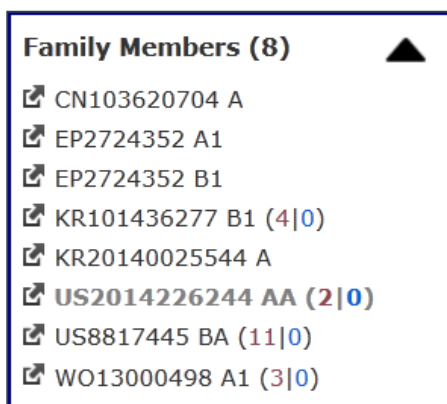
Browser tab


The Citation Explorer opens with the Browser tab open. On the left hand side of your screen under Citation Browser the number of citations found for backwards and forwards citations for a family are listed. In this case ten '10' is indicative of the number of families cited. Twelve '12' is indicative of the number of publications cited.



Backwards citations are always marked in purple and forward citations are in blue.

A list of all family members is available from the large dropdown arrow next to Family Members. The family member slightly greyed out, in this case US2014226244 AA, is the representative publication of that family. The number in brackets next to Family Members, in this case (8), shows how many family members are in the family. When viewing the dropdown you can see how many citations each publication has – backwards citations in purple, forward citations in blue.

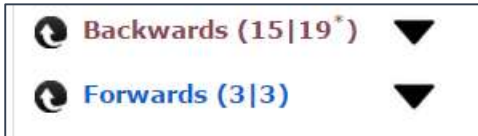


To open a Citation Explorer for one these family members click on the  icon next to the publication number. This will open a new window and new Citation Explorer.

Mouse-over tooltips are provided to guide you around the Citation Explorer and its functionality.



Clicking on this icon enables users to take the lists of both backwards and forwards citations and search them in PatBase. It is possible to search backwards citations only or forwards citations only by clicking the same icon found next to specific citation type (as shown in the screenshot below).



This icon on the left hand side in the Browser tab enables an Excel export of first generation backwards and forwards citations.




This icon on the left hand side in the Browser tab switches on side-by-side display allowing users to compare texts.

The screenshot shows the Citation Explorer interface with two side-by-side windows. The left window displays the claims for patent US8817445, and the right window displays the claims for patent US462964. The 'Claims' section in both windows is highlighted in red. The left window shows a list of patents on the left side, and the right window shows a list of patents on the right side. The main content area of both windows displays the text of the claims.

The red highlighted panes on the left hand side show which texts are being displayed in each window. Here the Claims of US8817445 are displayed in the left window and the Claims of US462964 are displayed in the right.

Tabs within the display enable users to navigate through and compare the Bibliographic information, Claims, Description, Images, Citations and Non-patent citations. If preferred the side-by-side display

can be switched off by clicking on .

NOTE: *When publications have been viewed they turn grey.*

Filters


Filters enable the user to focus in on data they are particularly interested in. Users can filter the Family Members by country of interest. Below the US has been selected. To remove this, or any filter, click on the x.

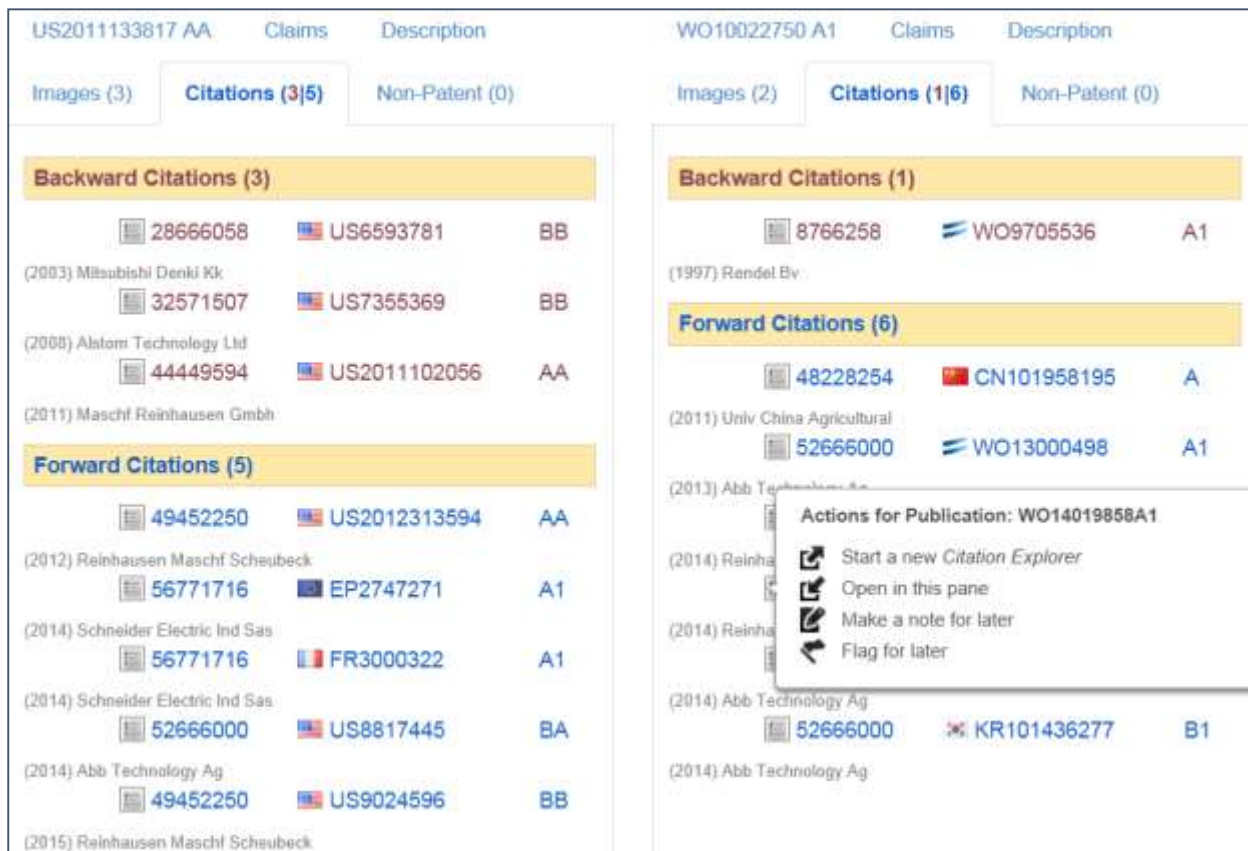


Citations can be filtered by Country, Year and Probable Assignee. More than one filter can be applied at one time. **NOTE:** *Further filter options are available when using the Citation Tree.*

When viewing the Bibliographic information of a citation it is possible to add the record to a PatBase folder for further examination or sharing with colleagues. A link to the original document, 'View original document', in the top right, is also provided. Clicking on the hyperlink of the publication will also link to the full text (either to espacenet or to a national office website).



When looking at the Citations within the Citations tab a number of other options are available to users: Start a new Citation Explorer, Open in this pane, Make a note for later, Flag for later. These options are available wherever you see this icon  - the action box icon.



The screenshot displays two patent entries side-by-side. The left entry is US2011133817 AA, and the right entry is WO10022750 A1. Both have tabs for Images, Citations, and Non-Patent. The Citations tab is active for both, showing Backward and Forward Citations. An action menu is open over the right entry, listing four options: Start a new Citation Explorer, Open in this pane, Make a note for later, and Flag for later.

Patent No.	Country	Class
28666058	US	BB
32571507	US	BB
44449594	US	AA
49452250	US	AA
56771716	EP	A1
56771716	FR	A1
52666000	US	BA
49452250	US	BB
8766258	WO	A1
48228254	CN	A
52666000	WO	A1
52666000	KR	B1

Start a new Citation Explorer – Opens a new window and begins a new Citation Explorer.

Open in this pane – Opens, overwriting the current window.



Make a note for later – Allows users to add a note which can be viewed under the Notes tab. Only one note per publication is permitted. When a note has been added the outside of the action box icon is marked in **red**.

Flag for later – Allow users to flag the publication which can be viewed under the Notes tab. When a publication has been flagged the outside of the box is marked in **green**.

If a publication has both a note and has been flagged the outline of the box will be **purple**.

Notes and Flags tab

'Notes and Flags' includes:

Log – shows a log of your activity during this Citation Explorer session. The log can be cleared by clicking on the trash icon . Or all the information in the session can be uploaded to Excel using the . All publication / family numbers can also be uploaded into PatBase or added to a folder.

Flagged – shows a list of any publications that have been flagged. These can be viewed in PatBase or can be added to a PatBase folder. The flagged list can be cleared by clicking on the trash icon or all information can be uploaded to Excel.


NOTE: *When flagging or making note of a publication / family number a prompt box appearing which users need to click OK in will show that a record has been successfully marked.*

The Notes and Flags tab records how many publication and/or families you have made a note by or flagged.

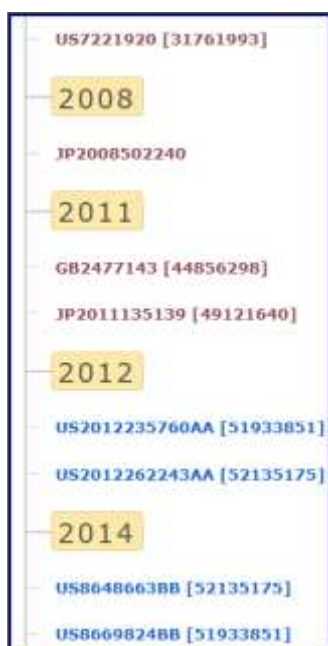


Statistics tab

Statistics provides graphs of citation data. Breakdowns by date, by cited assignee and the citing assignee are available from tabs at the top of the graph. The graph view can be changed on the left

hand side. Graphs can be printed or saved as an image by clicking on  found on the top right hand side of the graph.

Timeline tab

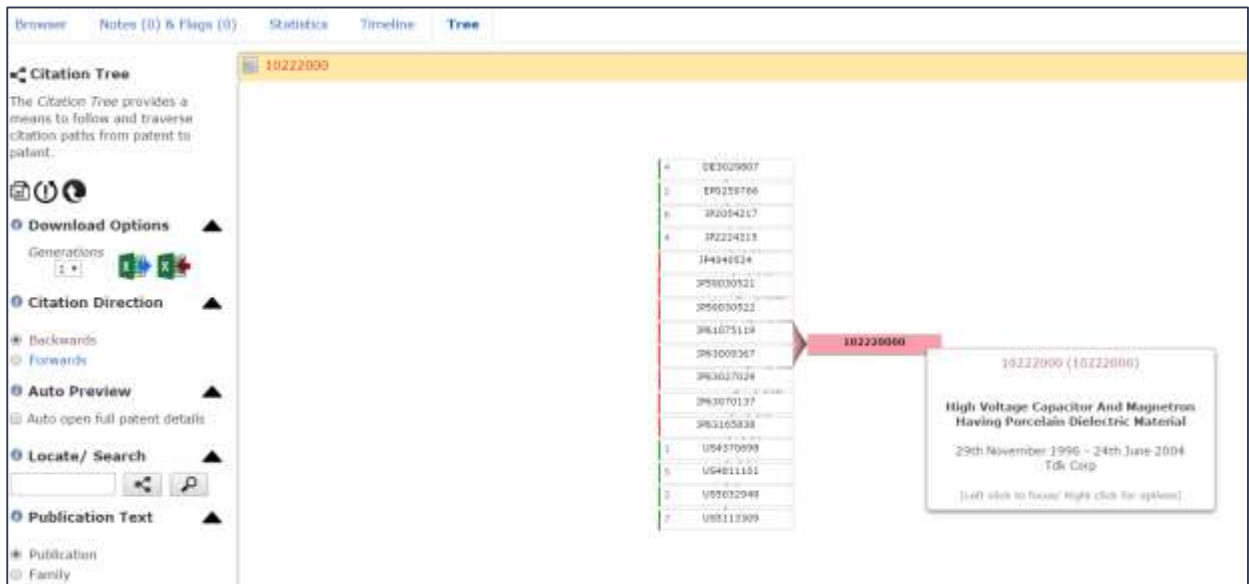


Under Timeline a visual is provided. The timeline can be ordered by selecting from the options in the dropdown on the left hand side. As always backwards citations are in purple and forward citations are in blue.

Tree tab

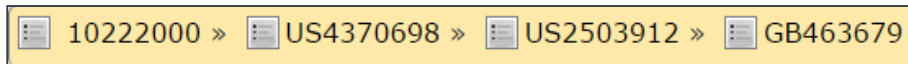
The tree is an interactive tool which provides a way to track the citation activity of a publication. On the left hand side there is an option to select either backwards or forwards citations by clicking a

radio button. In the example below Backwards is selected. The tree starts with a family number. This is 10222000.

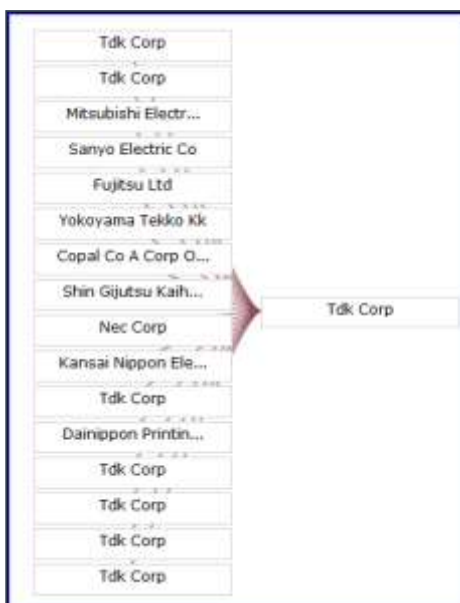


Double click on this family number to reveal which of the citations has further citations. Where a publication has further citations a green bar and the number of citations will appear. Where there are no citations a red bar will appear (see screenshot above). Double click again in a box to expand the tree.

What you have navigated through in the tree is shown in the yellow bar above the tree.



What is displayed in the tree can be changed in the left hand column under 'Publication text'. Switch the display between: Publication, Family, Assignee, Year (Cited or Citing) or Country.



The tree can be centred or the active publication can be centred in your screen under the '**Centring**' option found on the left hand side.

Also found on the left hand side is an option to '**Auto open the full patent details**'. By default when mousing over a box in the tree the basic bibliographic information is displayed. Check this box to view the full patent information. This box will then remain open until closed.

Found on the top right hand side click:



To save the current image view.

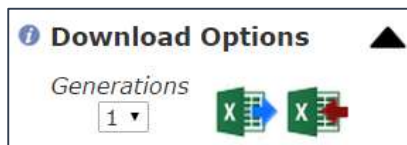


To reset the tree.



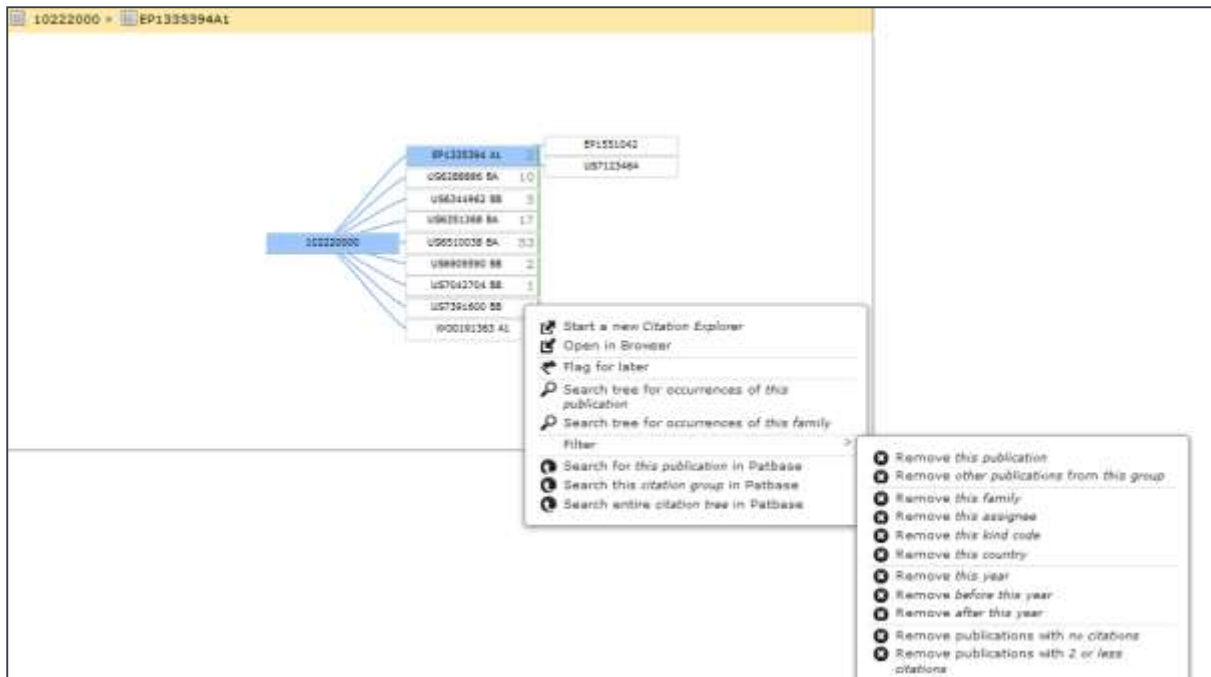
To upload the publication numbers / family numbers to PatBase.

Download options



Select forward or backwards citations to download into Excel and the number of generations (the number of branches from the tree) from the dropdown.

Filters are available when using the Tree. The simple filters above the tree, which are always visible, can be used. In addition by right clicking on a box of interest a further menu of options appears. One of these is 'filter'. This provides numerous options to remove publications, assignees, countries etc, from the tree.



Right clicking on a box in the tree also provides options to :

Start a new Citation Explorer – Opens a new window and begins a new Citation Explorer.

Open in Browser – Opens, overwriting the existing window.

Flag for later – Flags which can then be viewed under the Notes tab.

Search tree for occurrences of this publication* – searches the current tree looking at both visible and hidden patents.

Search tree for occurrences of this family* – searches the current tree looking at both visible and hidden patents.

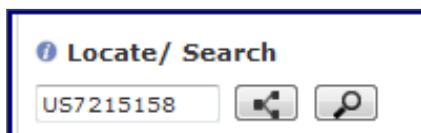
Search this publication in PatBase – this searches the publication placing a record in your PatBase search history.

Search this citation group in PatBase – this searches the set of citations currently being looked at (the last bar of boxes).

Search entire citation tree in PatBase – this searches all the citations on your screen.

NOTE: Searches will be carried out in the PatBase browser window which is already open and will not interfere with your citation exploration.


* This is the equivalent of a Locate. The Locate / Search options are found on the right hand side of the screen



Classification Explorer

Click on Classification Explorer to view and compare classifications for CPC, IPC, ECLA, UC and JCT.

IPC	CPC	ECLA	UC	JCT
Cooperative Patent class (Family: 56828926)				
B: PERFORMING OPERATIONS; TRANSPORTING				
B60: Transporting				
B60C: VEHICLE TYRES; TYRE INFLATION; TYRE CHANGING OR REPAIRING; REPAIRING, OR CONNECTING VALVES TO, INFLATABLE ELASTIC BODIES IN GENERAL; DEVICES OR ARRANGEMENTS RELATED TO TYRES				
B60C7/00: Non-inflatable or solid tyres				
B60C7/10: . . characterised by means for increasing resiliency				
B60C7/14: . . using springs				
B60C7/24: . . characterised by means for securing tyres on rim or wheel body				
B60C2007/00: Non-inflatable or solid tyres				
B60C2007/10: . . characterised by means for increasing resiliency				
B60C2007/14: . . using springs				
B60C2007/146: . . . extending substantially radially, e.g. like spokes				

Single click analysis for CPC and IPC is available from here by clicking on the pie icon . This takes you to PatBase Analytics. Analysis is carried out on all PatBase data holdings for the classification selected. The number of the times the specific class is found is given as well as a breakdown of most frequent assignees and countries associated with this classification.

Top 20 Assignees for IPC class: B60B9/04 (grouped by application)	
Assignee	Applications
BRIDGESTONE CORP	60
MICHELIN RECHERCHE ET TECHNIQUE SA	15
COOL WHEELS AG	10
MICHELIN AND CIE	10
POLARIS INC	7
DAIMLERCHRYSLER AG	6
TOPY KOGYO KK	6
YOKOHAMA RUBBER CO LTD	5
LEIPZIG CHEMIEANLAGEN	4
JEAN FRANCOIS PASCAL COSTE	3
LUIGI MUSOLA	3
ATKINSON GEORGE C	2

Family Explorer

Family Explorer provides information about individual publications (each member of the PatBase family). The first page provides general information including the date the family was created and the latest week data was added to the family. An option to export all or selected members of the family is available.

In the left hand column a Publication List is provided. Click on a publication number of interest to view it in detail (original data as received from INPADOC and National Patent Offices).

The screenshot shows the PatBase interface for the publication AU2013260938 (AA) - Pneumatic tyre. The interface is divided into several sections:

- Navigation Bar:** Contains tabs for Bibliographic Data, Abstract, Claims, Description, Legal Status, and Images. There are also options for Print, Export, and PDF.
- Left Sidebar:** Contains links for Family Information, Publication List, Priority map, Legal status - Table, Legal status - Timeline, and Reassignments.
- Main Content Area:** Displays detailed bibliographic data for the selected publication, including:
 - Publication:** Number AU2013260938, Type OPT DOCUMENT, Country AUSTRALIA, Kind Code AA, Date 20131121.
 - Application:** Number AU2013000008/20130517.
 - Classification (IPC):** B60C11/04, B60C11/13.
 - CPC:** B60C11/0308, B60C11/0317, B60C11/13, B60C2011/0348, B60C2011/133, B60C2011/1361, B60C23/19.
 - Priority:** Number(s) JP2013014888, 20130518, WO2013/193157, 20130517.
 - Inventor(s):** KAWAKAMI YUKI, KATSUZAWA KAZUHIKA, OOGANE SHUN.
 - Assignee(s):** BRIDGESTONE CORP.[P].
 - Agent:** GRIFFITH HACK.
 - Title:** [EN] Pneumatic tyre.

Tabs along the top of the screen make it simple to navigate between Bibliographic Data, Abstract, Claims etc. Options to Print, Export or create a PDF copy of this publication's information are provided.

Links to the related [Priority map](#), [Legal status table](#) and [Timeline](#) as well as [Reassignment](#) information are also available from the Family Explorer.

Priority Map

The Priority Map illustrates how family members are related by their priority numbers. The Relationship Table is displayed by default and shows by using ticks how publications are related by priority number. Clicking on a magnifying glass in the last column will display the simple family (where publications must have identical priority information) for this publication.


Other tabs are:

Patent List provides a breakdown of each publication, the publication date and the priority number(s) it claims. **Priority List** provides a breakdown of each priority, the priority date and the publication number(s) listed against the priority number. These lists are sorted alphabetically but can be sorted by Date by clicking on the date heading.

Priority Relationship Diagram illustrates visually the relationship between the priority and publication numbers.


Agent look-up

At the end of the Agent names within a PatBase record there is a question mark icon . Clicking on this opens a pop-up window which lists Agent names and addresses by publication. Coverage is for US, EP and WO publications (from 2008 onwards) and some agent information is available for AU, CN, ES, FI, PH, SE, SG, TH and VN.

PatBase		
Agent viewer - family number :49960268		
Publication number	Agent name	Address
AU2011255847 AA	GRIFFITH HACK 	GPO BOX 1285 MELBOURNE VIC 3001 AUSTRALIA
EP2574478 A1	LAMB MARTIN JOHN CARSTAIRS	MARKS AND CLERK LLP 90 LONG ACREE LONDON WC2E 9RAE GB
WO11145721 A1	MIYOSHI HIDEKAZU ET AL	Toranomon Kotohira Tower, 2-8, Toranomon 1-chome, Minato-ku, Tokyo-1050001~1050001~JP



Further single click analysis on agent data is available via PatBase Analytics for US, CA and AU agents (where the pie icon is shown). Analysis will be run on all PatBase data. A breakdown of assignees and countries will be displayed along with a trend over the years the agent has been active.

Designated State look-up


At the end of the Designated States list within a PatBase record there is a question mark icon . Clicking on this opens a pop-up window showing a breakdown of designates states by publication.

Links to PDF Display and National Registers

Publication number	Publication date	Application number	Application date	Links
WO12005013 A1	20120112	WO2011JP03947	20110708	  <input type="checkbox"/>
JP2012017440 A2	20120126	JP20100157013	20100709	  <input type="checkbox"/>
JP2012102249 A2	20120531	JP20100252338	20101110	  <input type="checkbox"/>

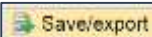
Once a search has been run and the family is displayed, users have the option of viewing the PDF (click on the PDF icon ) , linking to a National Register (click on the  icon – icon is displayed where a link is available) or ordering the full PDF patent copy. To order a PDF patent copy, check the empty box. Refer to [PDF ordering](#) for further information about ordering full patent copies.

Email a PatBase record

A PatBase record can be emailed to a colleague(s) by clicking on the envelope icon  found on the top right bar of each record. When clicking on the icon a pop-up window will appear. Enter the recipient name or names. When sending the record to numerous recipients separate their addresses with a semi-colon ; . Notes can be added to accompany the record. Click 'Send email' beneath the message box to send a link to the record. The link will remain active for 14 days.

NOTE: *If your company mail server does not permit an email originating from an external mail server to be delivered to your colleague using your own email address, please replace the 'email from' address with info@minesoft.com*

Exporting search results

Search results can be exported directly from the display results page by clicking on the icon  found at the top of the page. Users can also export all their search results from the History page by going to more... then selecting 'Export search results' found in the right hand column.

PatBase export format options are:

Microsoft Word – Microsoft Word format (Word 2000 and above)

Rich Text Format (RTF Word) – Rich Text Format (Word 2000-2003)

Rich Text Format (zipped) – Rich Text Format (zipped)

HTML (Web archive) – saves all the elements of a folder, including text and graphics, into a single file. This encapsulation lets the user publish the whole folder as a single MIME encapsulated aggregate HTML document (MHTML) file or send an entire folder as an email message or attachment.

HTML (Web archive zipped)

HTML

PDF

[Other Formats](#) (CSV, XML, Excel, HTML Table, RIS)

PatBase export also includes some third party options:

BizInt Smart Charts Data File

Vantage Point

INTELLIXIR

Matheo Patent

VizPat Report can be used in conjunction with PatBase Analytics.

NOTE: *To use any third party options a separate subscription with the vendor must be held.*

About third party export vendors

BizInt Smart Charts software products help information professionals organize, analyse and present drug pipeline and patents information. BizInt Smart Charts for Patents creates tabular reports from the leading patent databases. BizInt Smart Charts for Patents will automatically process the transcript and create the report. Data from different databases can be combined into one report with the table, records and images. For further information about BizInt please go to: <http://www.bizcharts.com/>

Search Technology's **VantagePoint** text mining software helps to build on the value of the PatBase search results. Clean and analyse results, and then view the collection from many vantage points - interactive lists, matrices, maps, charts, and tables. For further information about VantagePoint please go to: <http://www.thevantagepoint.com/>

Other Formats / RIS exports to **Reference Manager** which is a program for harvesting, managing and using bibliographic citations. For further information about Reference Manager please go to: <http://www.refman.com/>

INTELLIXIR System is a web application allowing its users to analyse references of patents and non-patent literature exported from commercial or private databases. Statistical measures are graphically represented through dynamic and interactive web pages. Read more on <http://intellixir.com/en>

Matheo Patent is a tool for patent analysis and evaluation that allows users to create multi-criteria matrices, view patent and citation networks and evaluate patents with a customized notation method. For further information please go to <http://www.matheo-software.com/en/products/matheo-patent.html>

VizPat Report allows users to incorporate VizPat statistical analysis graphs in Excel or Word, alongside bibliographic data. VizPat Report can include up to the top 2000 records of a search set. VizPat Reports will always be completed as offline exports.



PatBase export display options

Users can select in which format they would like their data, for example, Classic, Full, Custom etc. They can also select a sort by order, for example, Priority date desc (descending), Patent number etc and the number of records they wish to export.

NOTE: By default the number of records set to export in cases where there are more than 500 results in a set is 500. This can be manually altered.

NOTE: A fair use policy is in place for exports. PatBase User IDs are limited to 10,000 records per day and 30,000 records per month. The daily quota will be re-set the next day; the monthly quota will be re-set on the 1st of the next month. We recommend exporting a maximum of 5000 documents per day otherwise bandwidth for all users is reduced. If larger datasets for export are required contact support@minesoft.com

Further export options

Include search history – the search history will appear on the first page of the exported file.
Add Page Breaks – start each family on a new page.
Keep highlighting
Include legal status – display the legal status table, provide a link to the legal status timeline.
Export document header – type a header as required.

'Other Formats' export option

When exporting as CSV, XML, Excel, HTML Table or RIS there are two options to choose from: Family report or Publication Report.

Family - exports data grouped into families

Publication - exports data by individual patent number(s)

Select Family or Publication by clicking on the corresponding tab. Select which parts of data to export by checking the boxes. Select the preferred export format and click 'Export'. The fields will remain as they were checked until changed.

If exporting by Publication there are further options to filter your results (shown below). By default export by Publication will export all publications for every family.

Filter publications included in the export

Include publications from all countries

Include publications from the following countries only
Specify countries: e.g. EP US CH FR

Include only granted publications if available (EP and US only)

Include one publication per family
Country preference: e.g. US WO EP

Use granted publication if available (EP and US only)

In addition, users can export selected family members only, by adding them to the PDF order basket before requesting the export. If no documents are in the basket the function is automatically disabled.

NOTE: *Dependent on the type of export chosen not all options may be available.*

- *Highlighting is NOT available when exporting as a PDF.*

- *Choosing to export in a Custom format with HTML Web Archive and HTML Web Archive Zipped (MHT) the export limit is 100 results. HTML, PDF or Word/RTF are recommended when Custom format is selected.*

Offline export

The system will automatically switch to offline export if the number of documents to be exported exceeds approximately 100 for a standard export or 50 for a CSV publication export, depending on the size of a family. By generating the export report offline users can continue working whilst the download takes place.

When an offline export is processing, a progress bar will appear at the top of the screen in PatBase. Once the export has finished the user can then open the export from there. It is also possible to close the progress bar; the export will still be sent by email. Offline exports can also be accessed from main menu page under My items / Recent offline exports or from Accounting / View my usage / usage report.

Highlighting

Highlighting within the family table


Publications appear highlighted within the family table when users search for certain criteria which include country codes, patent numbers, kind codes and dates (including date ranging) in 'View mode'. These will also be highlighted (in yellow), along the list of publications displayed in the left, when in the 'Full text' window from 'View mode' and in 'Hits mode'. Likewise, these will be highlighted within the publication list corresponding to the active record, displayed at the bottom of the screen in 'Browse mode'.

Searching for country code US:

Publication number	Publication date	Application number	Application date	Links
CN102459445 A	20120516	CN201080028899	20100428	  
CN102459445 B	20140205	CN201080028899	20100428	  
EP2426169 A1	20120307	EP20100769793	20100428	  
EP2426169 A4	20121003	EP20100769793	20100428	  
EP2426169 B1	20141029	EP20100769793	20100428	  
RU2011148136 A	20130610	RU20110148136	20100428	  
RU2496809 C2	20131027	RU20110148136	20100428	  
US2012046413 AA	20120223	US20100266701	20100428	  
US8450408 BB	20130528	US20100266701	20100428	  
WO10126095 A1	20101104	WO2010JP57602	20100428	  

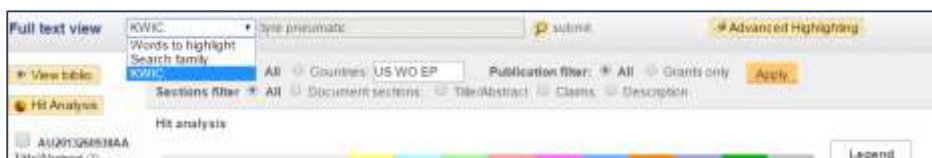
EP2426169 A1	Title Abstract (1)
EP2426169 B1	Title Abstract (1)
EP2426169 A4	Claims (1) view
EP2426169 B1	Description (1)
RU2011148136 A	Title Abstract (1)
RU2496809 C2	Title Abstract (1)
RU2496809 C2	Non-Latex text
US2012046413 AA	Title Abstract (1)
US2012046413 AA	Claims (1) view
US2012046413 AA	Description (1)
US8450408 BB	Title Abstract (1)
US8450408 BB	Claims (1) view
US8450408 BB	Description (1)
WO10126095 A1	Title Abstract (1)
WO10126095 A1	Non-Latex text

Highlighting on the results page

When in the main PatBase View, Browse or Hits modes, all keywords searched are highlighted automatically with basic highlighting according to the keyword search strategy. There are 10 different colours available. Clicking on the highlighter icon  found in the top right hand corner of the screen enables users to apply their own 'Advanced Highlighting' to the text. Refer to [Advanced Highlighting](#) for further details.



Highlighting within the Full text view



KWIC – Keywords in Context

By default the highlighting option in Full text view is set to KWIC (keywords in context). This option displays keywords from the user's search strategy and indicates in which publications keywords occur.

Search family

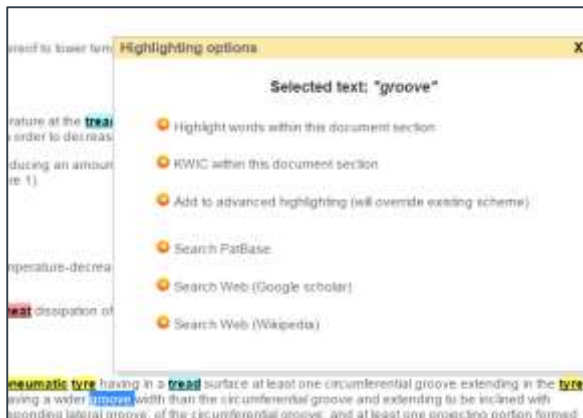
Search family supports truncation and word proximity operators. It searches specific sections of the text. For example, when entering 'jet and engine' it will highlight 'Jet' and 'Engine' only when they appear in the same section of a document.

Words to highlight

Words to highlight is a basic highlighting feature which looks for the words appearing individually anywhere within the full-texts shown. 'Words to highlight' supports truncation.

Highlighting on-the-fly

When reviewing text in Full text view, double click on a word to highlight. In this example, 'groove'.



Then select an option from the list. Search PatBase will run a new search in PatBase for the keyword selected.

When viewing the full text in View, Browse or Hits modes, the corresponding full text documents (where available / applicable) are separated into Title / Abstract, Claims, Description, Non Latin text and Sequence Files. The number of keyword hits in each section is shown in brackets. The different parts of the documents are hyperlinked. By clicking on a hyperlink, the corresponding section of the document will be shown in the main screen. When viewing Claims or Description a **'Hit Map'** will be displayed on the right hand side to help users navigate to keyword hits. Clicking on a block of colour will take users to the part of the text where the keyword(s) appear.



By clicking on the **'Hit Analysis'** button found at the top left in Full text view users will get a tabular breakdown of the family with occurrences of keyword(s) within each publication section. A colour chart assists with quick analysis of hits and hyperlinks of the publication number / section of text allow users to navigate to relevant parts of the texts.


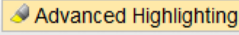
The screenshot displays the 'Full text view' interface with the 'Hit Analysis' section active. The 'Hit Analysis' table shows the following data:

Publication	US	WO	EP	Other
EP2851211A1 (Title/Abstract)	3	3	1	
EP2851211A1 (Claims)	7	8		
EP2851211A1 (Description)	19	74	4	33
US2013306210A (Title/Abstract)	3	3	1	
US2013306210A (Claims)	7	8		
US2013306210A (Description)	19	74	4	33
WO13172041A1 (Title/Abstract)	3	3		

The legend on the right maps colors to terms: yellow for 'pneumatic tyre', cyan for 'tread', green for 'wear worn patchy that', red for 'heat hot burn', blue for 'heat hot burn', orange for 'heat hot burn', purple for 'heat hot burn', and grey for 'heat hot burn'. The bottom part of the screenshot shows the full text of the publication with these terms highlighted in corresponding colors.

Filters are available when viewing the full text. By default all publications will be shown. Select to view full text for specific countries, grants only, and/or particular sections of documents. When a filter is active a box on the left hand side below the Hit Analysis button will display (as shown in the above screenshot). To activate the settings click on Apply. To remove all selections click on Cancel.

Advanced Highlighting

Users also have the option to create and apply their own Advanced Highlighting scheme to their search results. This enables groups of keywords to be highlighted in different colours. To access the Advanced Highlighting in View, Browse or Hits mode click on the highlighter icon  found in the top right corner of the toolbar. Alternatively, when in the Full text view click on the Advanced Highlighting link  found in the top right hand corner of the window.

Users can enter the words they wish to highlight in the appropriate colour boxes separated by a space - if allocating the same colour to multiple words. Words can include truncation. Phrases must have quotation marks or brackets around them. For example "smart card" or (smart card) to highlight these words if they appear together in this order. Users can include Boolean operators and proximity operators to highlight words in relation to each other and, if doing so, must assign separate colours to highlight a simple list of individual words or use the operator 'OR', if it is necessary to assign the same colour for highlighting.

For example, if highlighting: '((coolant* w4 ring) and absorb)', and highlighting the word 'shaft' - To apply the same colour to both, the first set of words in relation to each other, and 'shaft' as a separate word, it is necessary to enter the following: **(((coolant* w4 ring) and absorb)) OR shaft** in the text box which corresponds to the desired colour.

Advanced Highlighting will remain until it is edited or cancelled or the session ends. Advanced Highlighting will override any other highlighting that has been applied by keyword searching. Click 'Clear' to delete all the entries in the colour boxes.

Save a highlighting scheme

In Full text view users can save their own highlighting schemes for later use.

Advanced Highlighting

Advanced Highlighting enables highlighted keywords to be grouped by colour.

Please enter the words you wish to highlight in the appropriate colour boxes separated by a space

pneumatic tyre*
tread
wear worn patchy thin
heat hot burn

Load saved highlighting scheme:

Save current highlighting scheme as:

Note: Advanced Highlighting will override highlighting applied by keywords searched.

The saved highlighting scheme can then be called up and used again on another search result's set by selecting from the dropdown list next to 'Load saved highlighting scheme', clicking on 'Load' to retrieve the scheme and then 'Apply'. Once a highlighting scheme is saved you should be notified that the Save has been successful.

Machine translations

PatBase aims to always provide an English title / abstract. Where no original English title / abstract is available texts will be machine translated. Should original English text or an official translation into English become available then the machine translation will be replaced.


Machine translations are indexed and therefore are searchable in PatBase. Machine translations can be excluded from a search by using the command:
machine*translation

Command line:

As well as machine translations of title and abstracts, indexed machine translations of some full texts are available. This includes English machine translations of non-Latin holdings – Chinese, Japanese, Korean, Russian and Thai. Refer to [Non-Latin search](#) for further information about searching Non-Latin texts.

Working with pop-up windows

Pop-up windows are used to display additional information for a record so that the data can be viewed alongside each other. For example, when viewing a PatBase record, click on the 'Citations' link located at the top right in the family bar to see related citation information displayed in a separate pop-up window.

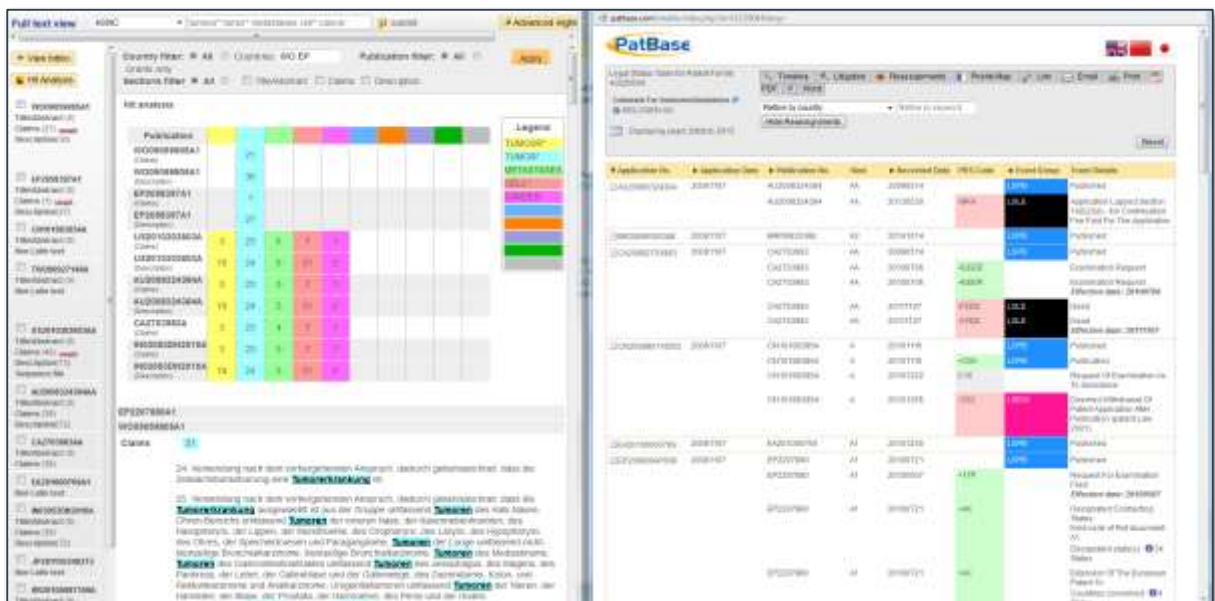
For some pop-up windows there is a pin icon in the top right corner of the window . This allows users to fix the size and position of the window within the screen so that if the window is closed, but then opened again later, the window will return to the last size and position.

Multiple pop-ups

When clicking on more than one link which displays data in a separate pop-up window, by default, if a pop-up is open, the new data will replace the data in the open window. To open many pop-ups at once, enable this in [Display & search options](#) found under Settings on the main menu page. Check 'Allow multiple popups'.

Multi-window support

When navigating through a set of results using Keyboard shortcuts, data is automatically synchronised across other open pop-up windows. When shifting through records within one window, different information displayed for the same set of results within the open window will automatically update to display the active record. Ensure 'Allow multiple popups' and 'Enable keyboard shortcuts for navigation of results' are both enabled in [Display & search options](#) found under Settings on the main menu page for this function to work.



FULL TEXT DISPLAY

Full text view can be displayed in the 'View' or the 'Browse' modes. The Hits mode provides highlighting analysis on the frequency of keyword hits within texts. Select how you would like to view your results from the History page.

4 tac=(garbage or trash or rubbish) and pd=201407 819 View | Browse | Hits | Optimise | more...

Full text view – ‘View’ mode

If users click on the ‘full text’ link found on the top right of each family record a pop-up window appears containing full text. In the left hand column of the pop-up is a list of all the full text documents available for the selected patent family. Where available / applicable the texts are separated into Title / Abstract, Claims, Description, Non Latin text and Sequence Files. Click on these links to navigate through various parts of the texts. Click on the publication number and kind code listed to view the original PDF patent copy.

Full text view – ‘Browse’ mode

The full text view in ‘Browse mode’ offers the same options as viewing full text in ‘View mode’ - just laid out differently. In Browse mode available full texts are displayed at the bottom of each record.

About Browse Mode

When browsing documents, the screen is split into two. Users will see the active record displayed within the right hand side of the screen, and a list of all records in the result set with their titles listed on the left hand side of the screen. The active record is highlighted in yellow. The Browse option allows users to scan through large sets of documents quickly.

The ‘Show options’ link displayed in the top left hand corner provides users options to ‘Hide titles’ of records and/or display all members within a family in the list on the left hand side. Users can also change the ‘Sort order’ of records and change the ‘Display format’ of the active record in the right by selecting the option available from the corresponding dropdown menu.

[Hit Map](#) and [Hit Analysis](#) as well as [Highlighting](#) options are accessible from Full text view in both the ‘View’ and ‘Browse’ modes.

Hits view

For keyword searches the full text display can be accessed directly from the History page by selecting ‘Hits’. The Hits mode provides highlighting analysis on the frequency of keyword hits within texts. One record is displayed at a time in order of relevance (the most relevant records to the keyword search strategy are displayed first). The family bar for the active record has access to the usual options such as Legal status, Citations, Folder shortcuts etc. To navigate between records click ‘next’ / ‘previous’ displayed above or below the record.

Smart Claims Viewer

The Smart Claims Viewer assists in examining the Claims of documents for US, GB, FR, DE, EP and WO publications. It gives an overview of the structure of Claims and highlights independent claims allowing easy navigation throughout related claims. Click on the **smart** (smart icon) next to the Claims hyperlink in Full text view to access this tool. If the language of the Claims text is not English a prompt asking if users would like a translation will appear. There is an option to export the Claims with their dependency status information. Click on Export found at the top of the Smart Tree. Information can be exported as HTML or EXCEL (XLS).

Claim 1

1. A method, comprising: directing measurement light to reflect from a measurement surface; combining the reflected measurement light with reference light, wherein the measurement light and reference light are derived from a common source, and there is a non-zero optical path length difference between the measurement light and reference light that is greater than a coherence length of the measurement light; spectrally dispersing the combined light onto a multi-element detector to detect a spatially-varying intensity pattern; determining spatial information about the measurement surface based on the spatially-varying intensity pattern; and outputting the spatial information.

2. The method of claim 1, wherein determining the spatial information comprises performing a spatial-frequency transform of the spatially-varying intensity pattern and spatial information is determined based on the spatial-frequency transform. (3)

7. The method of claim 1, wherein the spatial information is information about a line of points on the measurement surface where measurement light reflected from the line of points is directed to a corresponding line of elements of the multi-element detector extending along a first dimension of the detector. (1)

14. The method of claim 1, wherein the measurement light has a coherence length that is less than the non-zero optical path length difference between the measurement light and the reference light. (1)

16. The method of claim 1, wherein the measurement light is directed to reflect from the measurement surface at a grazing angle of incidence.

17. The method of claim 1, wherein the measurement light is directed to reflect from the measurement surface at an angle of incidence of about 60 degrees or more.

18. The method of claim 1, wherein the measurement surface is on a measurement object comprising a thin film on a substrate. (2)

21. The method of claim 1, wherein the measurement light is in the visible region of the electromagnetic spectrum.

22. The method of claim 1, wherein the measurement light is outside the visible region of the electromagnetic spectrum.

23. The method of claim 1, wherein the measurement light has a spectral bandwidth of about 50 nm or more.

When viewing sections of full text in the main screen, options to Translate, Chemicalize (where applicable), Summarize and Compare full texts are available from the top right hand side of the page.

Translate
 Chemicalize
 Summarise
 Compare

Translate full text

Click Translate and a pop-up window will appear of the possible language combinations that the text can be translated from and into. Select your language choice from the dropdown and confirm you understand this is a machine translation (not a human one) by checking the box. Then click Translate. The translated text will appear in the pop-up window. Alternative Translation Services are provided. Google Translate – an alternative machine translation to our in-house system. Or click for a quotation of a human translation which will be made by RWS. **NOTE:** *This will incur an additional charge.*

Machine translation EP2851211A1

Select language: English to French

Please tick this box to indicate that you understand this is an automated translation. It may not be perfect and is not intended to replace human translators.

[Translate](#)

Alternative Translation Services

[Google translate](#) Click for an alternate translation using Google Translate

[Request human translation by RWS](#) Click for an RWS human translation (fees apply)

Chemicalize

Chemicalize, where available, gives an overview of all corresponding chemical structures within the full text of a record. The tool will identify chemical names within a full text and retrieve a structure for them. A separate window will appear with chemical structures displayed across the top and the full text below. Clicking on a structure at the top will highlight the corresponding chemical name within the text below. In addition, by mousing over the chemical name within the text itself, the corresponding structure will appear as a tool tip.

The screenshot shows the Chemicalize interface. At the top, there is a horizontal toolbar with various icons and a search bar. Below the toolbar, a list of chemical structures is displayed, each with a small thumbnail and a label. The main area of the interface shows a text snippet from a patent document. Several terms in the text are highlighted in yellow, and small chemical structure icons are shown as tool tips above these terms. The text includes phrases like "the compound described in the present invention" and "the structure of the compound of the present invention".

All structures found within a full text can be downloaded as MRV, SDF or XLSX. Select 'Download structures' found on the top right hand toolbar within Chemicalize.

Summarise

Select 'Summarise' when viewing a section of the full text – Title / Abstract, Claims or Description - to display an auto-summary of the text. An algorithm is used to determine key points by analysing the document and assigning a score to each sentence. Sentences that contain words used frequently in the document are given a higher score. Select a percentage option displayed above the text to choose a percentage of the highest-scoring sentences to be displayed as the summary. By default a 10% summary of the text is displayed. Select 'View All' to see all of the available full text in the same window. Select 'Hide all' to see only the originally selected section of text displayed.

Compare

Sections of full text can be compared using the Compare feature found on the top right hand side of the page. To identify, for example, differences in Claims select a Claims to compare with another. Click 'Compare' and then select from a dropdown list (a list of publications within this PatBase family) which Claims you would like to compare. Then click 'Compare text'.

Compare document full text

First publication: AU2013260938A

Second publication: AU2013260938 BB

Document section: AU2013260938 BB

JP2013241069 A2

CA2871833 AA

CN104321208 A

EP2851211 A1

WO13172041 A1

US2013306210 AA

JP5557875 B2

Compare text

Compare claims: (show words in the claims that do not appear in the description)

Publication: AU2013260938A

Compare text

Compare text: AU2013260938A to AU2013260938BB (Claims). [Export](#)

20. What is claimed is: THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS

1. A pneumatic **the tyre** having in a tread surface at least one circumferential groove extending in the **the tyre** circumferential direction and plural lateral grooves, the lateral **the** grooves each opening to the circumferential groove **and** having a wider groove width than the circumferential groove **and extending to be inclined with respect to the tyre circumferential direction**, comprising a recessed portion formed in a groove wall facing the corresponding lateral groove, of the circumferential groove, and at least one projecting portion formed at a groove bottom of the circumferential groove between the recessed portions adjacent to each other in the **the circumferential direction**, **the circumferential direction**, wherein a width in the tyre widthwise direction of each recessed portion gradually increases from a connection point of the recessed portion with the circumferential groove toward a summit of the recessed portion and then gradually decreases from the summit toward another connection point of the recessed portion with the circumferential groove, and the recessed portion is formed such that the summit thereof does not exist on the center line of the lateral groove.

2. A pneumatic tyre having in a tread surface at least one circumferential groove extending in the tyre circumferential direction and plural lateral grooves, the lateral grooves each opening to the circumferential groove, having a wider groove width than the circumferential groove **and extending to be inclined with respect to the tyre circumferential direction**, comprising a recessed portion formed in a groove wall facing the corresponding lateral groove, of the circumferential groove, and at least one projecting portion formed at a groove bottom of the circumferential groove between the recessed portions adjacent to each other in the tyre circumferential direction, wherein, provided that angle 01 and angle 02 are formed by one groove wall face and another groove wall face constituting the recessed portion, respectively, with respect to an imaginary extension of a groove wall extending in the **the tyre** circumferential direction, of the circumferential groove, in a plan view of the tread, 01 < 02 and the recessed portion has an unsymmetrical configuration in the plan view, **01**, the projecting portion is inclined with respect to the direction orthogonal to the circumferential groove in the plan view of the tread, **and**, **6426221_1 (GHMatters) P98395 AU TERUMI-23**, the groove wall face, forming the angle 02, of the recessed portion is inclined in the same direction with respect to the circumferential groove as the projecting portion is inclined with respect to the circumferential groove. **05**

3. The pneumatic **the tyre** of claim 1 or claim 2, wherein, provided that a projected length of the projecting portion on the groove center line is L7 and that the projecting portions are disposed with an interval P7 therebetween in the extension direction of the circumferential groove, the projecting portions are disposed such that $0.75 \times L7 \leq P7 < 1.0 \times L7$ is satisfied.

4. The pneumatic tyre of any one of claims 1 to 3, wherein the projecting portion extends from one groove wall on one side to another groove wall on the other side, facing the one groove wall, of the circumferential groove.

5. The pneumatic tyre of any one of claims 1 to 4, wherein, provided that angle 01 and angle 02 are formed by one groove wall face and another groove wall face constituting the recessed portion, respectively, with respect to an imaginary extension of a groove wall extending in the **the tyre** circumferential direction, of the circumferential groove, in a plan view of the **the tread**, 01 < 02 and the recessed portion has an unsymmetrical configuration in the plan view, **and**, the projecting portions are formed between the recessed portions adjacent to each **P0180636-PGT2012-6670956-1 (GHMatters) P98395 AU LYNT-21** other in the **the tyre** circumferential direction and at a position in the vicinity of the groove wall face, forming the angle 02, of the recessed portion. **4**

6. The pneumatic **the tyre** of any one of claims 1 to 5, wherein, provided that angle 01 and angle 02 are formed by one groove wall face and another groove wall face constituting the recessed portion, respectively, with respect to an imaginary extension of a groove wall extending in the **the tyre** circumferential direction, of the circumferential groove, in a plan view of the tread, 01 < 02 and the recessed portion has an unsymmetrical configuration in the plan **the view**, the lateral groove is inclined with respect to the **the tyre** widthwise direction such that an obtuse angle **644** and an acute angle **642** are formed by one groove wall and another groove wall facing the one groove wall of the lateral groove with respect to a groove wall of

Additions are marked in green and omissions in red.

Claims and Description of the same publication can also be compared. This will show any words in the Claims that do not appear in the Description.

The comparison text, including highlighting, can be exported as a Word file by clicking on Export in the top right hand corner.

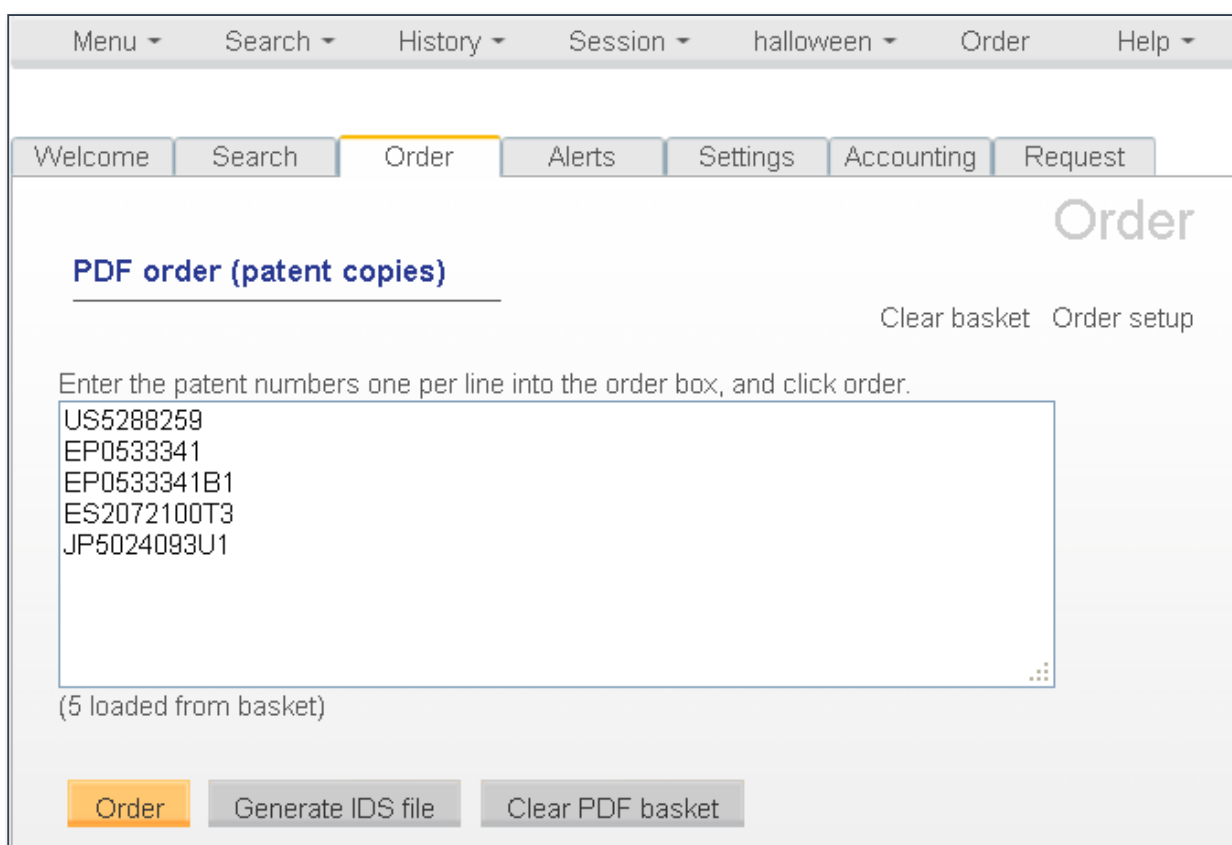
PDF (PATENT COPY) ORDERING



To order PDF documents, users can select a document by ticking the check box shown next to each patent number within their displayed search results.



When finished selecting patents click on 'Order' on the toolbar and the patent numbers will then be displayed in the Order box (shown in the screenshot below). Click 'Order' underneath the entry box to confirm the order. If using a pay as you go PDF document delivery system then document(s) will be sent to the email address of the login User ID. If using a PatentOrder Intranet or Internet service the user can also specify a different email address(s) if required. If using a PatentOrder Desktop this does not apply.



It is not necessary for users to run a search on PatBase before ordering PDF documents. Users can select Order on the main menu screen, enter in patent number(s) and click 'Order'.

PDF copies can be batch ordered from search results by going to 'more... / Order documents' from the History page.

Options are provided to:

Download from all countries – download all PDFs available from the corresponding search results.

Download from the following countries only – specify by order of preference which countries to download patents from. Separate country codes with a space, e.g. EP US CH FR.

Download one per family – download one PDF per family and specify the country preference order for these patents. Separate country codes with a space, e.g. US GB EP WO. The system will take the first document that matches the country preference from the family table.

Download highlighted publications from family table only – where a search strategy results in publications being highlighted within the family table, this option will appear. Selecting this option will enable the user to order PDFs which correspond to the highlighted publication displayed within results.

NOTE: WO (PCT), GB, US and EP documents are available on day of publication as PDFs and searchable in PatBase the next day.

NOTE: CN documents from 1985 are available as PDFs and English machine translations of Japanese documents are available from 1993. When ordering machine translations it is necessary to manually write MT before the number, e.g. JPMT2010517609

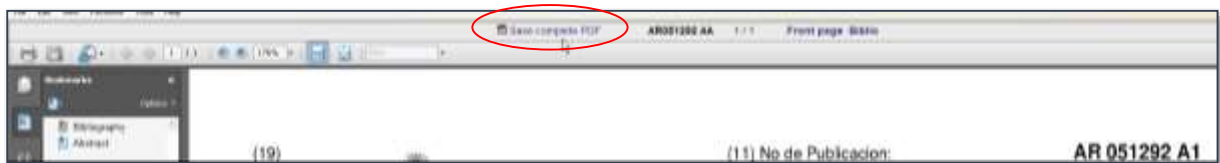
Patent copy coverage

For full patent copy coverage please contact support@minesoft.com

Save complete PDF

The 'Save complete PDF' icon appears for customers who subscribe to PatentOrder Intranet or where Minesoft is hosting the PatentOrder service for the client. This option allows the user to order / save the document with one click.

Click on the 'Save complete PDF' icon on the top of the page. The system orders the document immediately via the PatentOrder service. Users have the option to view or save the file.



In some cases this option is not shown. This is where a full patent copy is able to be downloaded as a whole – and not page by page.

IDS (Information Disclosure Statement) generator

An Information Disclosure Statement (IDS) can be generated in the form of an editable PDF document from the Order basket screen. Click on 'Generate IDS file' under the order basket. Details from patents collected in the basket are automatically inserted into the form when generated. Modifications can be made to the form even after it has been exported.

Welcome Search **Order** Alerts Settings Accounting Request

Order

PDF order (patent copies)

Clear basket Order setup

Enter the patent numbers one per line into the order box, and click order.

US5288259
 EP0533341
 EP0533341B1
 ES2072100T3
 JP5024093U1

(5 loaded from basket)

Order Generate IDS file Clear PDF basket

PATBASE ALERTS

Alerts can be created which automatically run the same search every week / month and the results are sent to a user's / user's colleagues email address(s). Alerts allow users to watch a particular technology or to monitor competitors. An unlimited numbers of alerts can be set up on a User ID. These will either be included as part of a PatBase subscription or can be purchased from Minesoft by your PatBase Administrator. Email support@minesoft.com

Create an alert

To create a new alert go to Alerts / Create a new alert from the main menu page. Users can also run a search and save this as an alert. To do this go to the History page, select 'more...' by the corresponding search and then select 'Create alert' found at the bottom of the right hand column.

To set up an alert:

Alert name: Enter an Alert name

Alert query: Enter a query unless you have accessed the Create alert via the History page in which case you can edit the search if required.

NOTE: *If you have multiple search criteria they must be entered on separate lines. For example,*
 TAC=crank
 FT=shaft%
 1 and 2

Alert name:

Alert query:

Email to:
(Separate multiple email addresses with a semi colon)

Do not send email when alert returns zero results.

Text to include in alert email:

Alert frequency: Weekly Monthly

Display format:

Alert options: New families only
 New families and when new publications are added
Show advanced options 🗨️
 When first IPC is added to the family
 When first assignee is added to the family
 When first English abstract is added to the family
 When first assignee or IPC or abstract is added to the family
(all of the above)
 When INPADOC legal status changes

If no textual command is specified (TAC=, FT=, CL= etc) keywords will be searched for in the 'default keyword search' option. To set this, go to Settings / Display & search options. If this is not set the default PatBase setting is TAC=.

NOTE: The CC= command in an alert strategy works differently to that in a standard search in PatBase. The CC= command will restrict the alert to deliver updates which only have new members added from the specified country codes to families. This rule also applies to the KD= command. The alert will deliver updates which only have new members added with the specified kind codes to families.

Email to: Enter the email address(s) of the recipient(s) of the Alert. When entering multiple email addresses separate using a semi-colon. There is no limit to the number of email recipients for an Alert.

For example: info@minesoft.com;support@minesoft.com;sophie@minesoft.com

Select the tick box 'Do not send email when alert returns zero results' to opt out of emails containing no results.

Text to include in alert email: Enter any notes / comments in the text box which to be included in the body of the email sent to recipients.

Alert frequency: Specify whether the alert should run weekly or monthly.

NOTE: Weekly Alerts will usually run on Sunday evenings (UK time). Monthly Alerts will normally run on first Sunday of a month, for the previous month.

Display Format: Choose the required display format from the dropdown menu (i.e. classic, full etc).

Alert options

Specify whether the Alert should deliver:

New families (new records) added to PatBase – UP command

New families (new records) and existing families to which new publications have been added (new family equivalents) - UE command

Advanced alert options

Click on the dropdown menu to view the list of advanced options and specify whether the Alert should deliver families when:

The first IPC has been added to a family (UIC)

The first assignee has been added to a family (UPA)

The first English abstract has been added to a family (UAB)

When the first IPC or first Assignee or first Abstract are added to the family (UIC, UPA, UAB)

When INPADOC legal status changes (ULG)

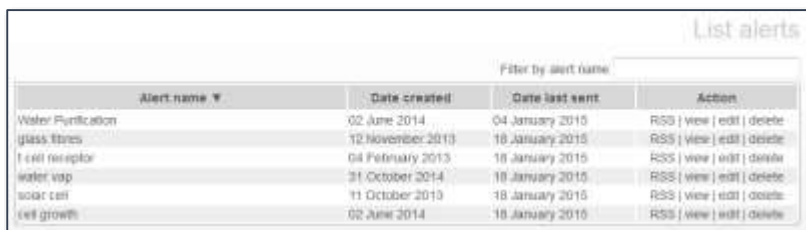
NOTE: *Advanced alert options (UAB, UIC, UPA) data only available from week 18 of 2009.*

Select 'Create alert'. A confirmation message will appear at the top of the screen. The Alert will start running from the following week / month.

NOTE: *It is not recommended using the 'Non-Latin search' and 'German text' search by saving the search as an alert, as these two types of searches run on a different interface in the system. If included in an alert strategy, no guarantee for relevant hits can be given.*

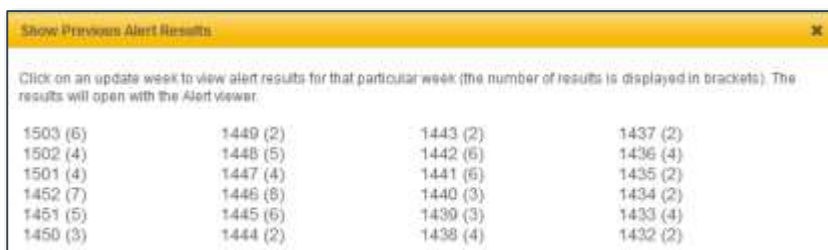
List / manage alerts

Users can manage – view, edit or delete – their alerts by selecting Alerts / List / manage alerts from the main menu page. A pop-up window will appear listing all alerts.



Alert name ▼	Date created	Date last sent	Action
Water Purification	02 June 2014	04 January 2015	RSS view edit delete
glass fibres	12 November 2013	18 January 2015	RSS view edit delete
I cell receptor	04 February 2013	18 January 2015	RSS view edit delete
water vap	31 October 2014	18 January 2015	RSS view edit delete
scar cell	11 October 2013	18 January 2015	RSS view edit delete
cell growth	02 June 2014	18 January 2015	RSS view edit delete

To access previous week's alert results click on 'view'.



Show Previous Alert Results			
Click on an update week to view alert results for that particular week (the number of results is displayed in brackets). The results will open with the Alert viewer.			
1503 (6)	1449 (2)	1443 (2)	1437 (2)
1502 (4)	1448 (5)	1442 (6)	1436 (4)
1501 (4)	1447 (4)	1441 (6)	1435 (2)
1452 (7)	1446 (8)	1440 (3)	1434 (2)
1451 (5)	1445 (6)	1439 (3)	1433 (4)
1450 (3)	1444 (2)	1438 (4)	1432 (2)

Once an alert has been created it is recommended that users test the alert script to ensure it will run in PatBase. To do this click on 'edit' against the alert in the alert list and select 'Test alert'. The script will be run for the previous week and results will be displayed in a separate pop-up window.

Once an alert has been deleted it is removed instantly and will not run again.

View alert results

Alerts are delivered by email every week / month (as specified in the alert set up). The email contains links to alert results which will display results in various formats. If an alert is being run on new families and equivalents then the family member that triggered the alert will be highlighted.

PatBase Alert.

Alert name: water vap
Date of alert: 18 January 2015PatBase week: 1503 (Equivalents update)
Results: 13
Query:
 ft=(water and (vapor or vapour))
 (1) AND IPC=(F22 OR F23)
 2 and kd=(epb* or usb*)

Please click on the appropriate link below to view/download your alert results:

View results in PatBase:
https://www.patbase.com/xt_alert_x.asp?f=ALERT_0.185181346368.940_7161046_2015_1_18.htm&domainid=2

View results in a PatBase Folder:
https://www.patbase.com/xt_xfolder.asp?f=ALERT_0.185181346368.940_7161046_2015_1_18.htm

Download results in HTML:
https://www.patbase.com/xt_download.asp?f=ALERT_0.185181346368.940_7161046_2015_1_18.htm

Download results in MHT:
https://www.patbase.com/xt_tomht.asp?f=ALERT_0.185181346368.940_7161046_2015_1_18.htm

Download results in PDF:
https://www.patbase.com/xt_topdf.asp?f=ALERT_0.185181346368.940_7161046_2015_1_18.htm

RSS feed:
[http://www.patbase.com/rssfeed.asp?rss=866613979\\$\\$2](http://www.patbase.com/rssfeed.asp?rss=866613979$$2)

(The links above will be active until Monday, July 27, 2015).

The PatBase Alert Viewer displays results within a separate pop-up window and allows users to save and view results as a PatBase folder. It is also possible to save results as a PDF, view a 'Snapshot' of results (quick visual breakdown by country, classification and assignee) and search for words contained within the alert results.

PatBase Alert name: High Heel Week: 1046 (Equivalents update)

Search results Query: "high heel" Results: 4

1) Customising Footwear	Applicants	New Publications
Family #1630554 US2013026671A system and method for customizing the heel of footwear. The feature of the system includes a device that can show high resolution images and covers a large portion of the footwear surface. A user can create and transfer designs to be displayed. Designs can be brought or shared over the Internet. The system also allows the user to use a handheld device to display the...	GUANG DOWE GUANG DOWE	US2013026671A (20131106)
2) Multi-axis prosthetic ankle joint	Applicants	New Publications
Family 27800850 US20130244020A multi-axis prosthetic ankle joint includes a rotator (powered) connected to a prosthetic foot, a lower leg control box component connected to a prosthetic knee leg, an adjustment mechanism assembly connecting the rotator component with the lower leg control box component, and a mechanical device suspended in the adjustment mechanism. The mechanical device is formed of a leg...	SHEN YU-LONG 30032 SHANGHAI JIANGSHI MEDICAL CO. SHANGHAI JIANGSHI MEDICAL COMPANY LTD.	US20130244020 (20131106)
3) SHITAKE SNOW-CLEANING COMPOSITION	Applicants	New Publications
Family #119183 US2013044322A The invention relates to a powder snow-cleaning, de-icing and anti-ice composition, characterized in that it comprises a mixture of carboxylic salts containing from 70 to 90 wt percent of L-alanine chloride and from 10 to 30 wt percent of calcium carbamate. The invention also relates to a method for producing the same and to the use thereof as a snow-cleaning agent.	SHEN YU-LONG 30032 SHANGHAI JIANGSHI MEDICAL CO. SHANGHAI JIANGSHI MEDICAL COMPANY LTD.	AT400304 E (20131110)
4) Grazing system with enhanced see-through characteristics	Applicants	New Publications
Family #0170790 US2013178034A A grazing system or trailer includes enhanced see-through characteristics and typically includes longitudinal drive bars, dual crossbars, and floor bars between the crossbars and longitudinal pairing bars which join the crossbars and floor bars to one another. The drive bars are part of a first subassembly and the floor bars are part of a second subassembly which may be lowered.	SHAC NEWTONS INC.	US2013178034 (20131106)

It is also possible to receive PatBase alert results as **RSS feeds**. An additional link to set this up is available under 'RSS feeds' in the alert results email and requires an RSS reader. RSS can also be accessed from the Manage / list alerts page.

In addition to the above alert results can be opened directly as a PatBase Folder, enabling further work on the results and offering a very convenient way to save information or the recipient(s) can download the results in HTML, MHT or PDF. To view an Alert in a PatBase Folder, click on this option in the Alert-email. The PatBase Login page will appear. Once logged in, the Alert results will appear, as a PatBase folder. The file name is pre-assigned and can be changed at this point to direct the folders into an existing folder, if preferred. If Alerts are run in PatBase, the number of folders that can be created is not limited.

An 'Administrator' can view a summary of users' alerts and see a breakdown of alerts created by users. This information is available on the 'Alerts' tab listed as 'My users alerts'. Click on 'View alerts breakdown by user' displayed at the bottom of the page.

Purchase alerts

Alerts can be purchased in batches by a "PatBase Administrator", depending on individual company needs. There is no limit to the number of alerts that can be run on an individual User ID. To purchase alerts, go to Alerts / Purchase alerts from the main menu page. Select the number of alerts to be purchased and confirm the purchase by entering a User ID and email address. The purchase will take effect immediately and an invoice will be sent by post.

REFINING / MANIPULATING RESULTS

Optimise (Results refining tool)

The Optimise tool is available from the Search history page (History page) and can be accessed directly from a search query.

#	Search query	Results	Options
23	CPC= A43B5/00 and FT=ski*	419	View Browse Hits Optimise more...

Click on 'Optimise' for an immediate breakdown of a sample of the top 25 companies, technology areas, publication dates and countries within a sample of the selected results set. Select the relevant groups and click on 'Optimise' to optimise the search and refine the results set.

PatBase Analytics



Introduction to PatBase Analytics


PatBase Analytics offers instant analysis of up to 100,000 PatBase records in one go. Access PatBase Analytics either from the History page, by clicking on 'more' next to the results set to be analysed, then select 'PatBase Analytics' in the right hand column. Alternatively select the 'Analytics' tab along the top, when viewing records, in the 'View', 'Browse' or 'Hits' mode. Analytics on the last search strategy can also be accessed by typing 'A' in the command line.

Data can be analysed in the following areas:
Jurisdiction / Year / Assignee / Inventor / Classification / Keyword / Legal

The various areas can be analysed using different criteria, by:
Family / Priority / Application / Grant / Publication

A 'Combined' view, of all or a number of the above criteria, is also available as well as a geographical view and a streams view (where applicable).

Use the toolbar on top of the screen to navigate through PatBase Analytics. This provides access to all the analysis options available.

Each area within PatBase Analytics - apart from the Keyword section - has a Settings dropdown found in the right hand corner of the page. Here (depending on the criteria chosen) display and threshold options can be set as well as breakdown and drilldown preferences. The Settings icon  found in the very top right hand corner of the screen can be used to set global, and complex, options. Please refer to the [PatBase Analytics 'Settings'](#) section for further information.

A dropdown option which appears towards the top of the screen next to your search strategy enables the selection of the type of publication to analyse. By default 'All' types of publications are analysed. Select from All, Patents, Utilities, Designs or Other. 'Other' includes publications such as corrections, translations, search reports etc. The types of patents for a particular country can be viewed from 'Settings' under 'Kind Codes'.

Summary

The 'Summary' page provides an overview of your analysis, which is detailed in individual widgets. A selection of widgets will automatically be displayed when accessing PatBase Analytics.



To delete irrelevant widgets, click on the cross in the top hand corner of the individual window. A list of all widgets is available in the 'Widget' dropdown found in the top right hand corner. The greyed out options are those currently selected. The options in black can be selected and displayed.

Each widget is expandable by clicking on the expand icon in the top right hand corner of the widget. Click on the icon again to change the size of the widget. Once the size of a widget or the position has been changed, a pin will appear in the top left corner, click on this to save the size and location. Any changes made to the widgets will be remembered within the browser session, if the Analytics are run in a new browser, the widgets will reset.

Each individual section in the widget graphs are clickable. Click on the relevant section to search in PatBase, this will be combined with the analysed search set. Please note that this will run in another browser window. Click on the link icon in the individual widgets to be taken to the corresponding detailed graph.

In the 'Widgets' dropdown box there are two icons, click on the first to maximise and display all available widgets. Click on the second icon to minimise and display all widgets. Next to the dropdown box a button can be found to reset the entire summary page.

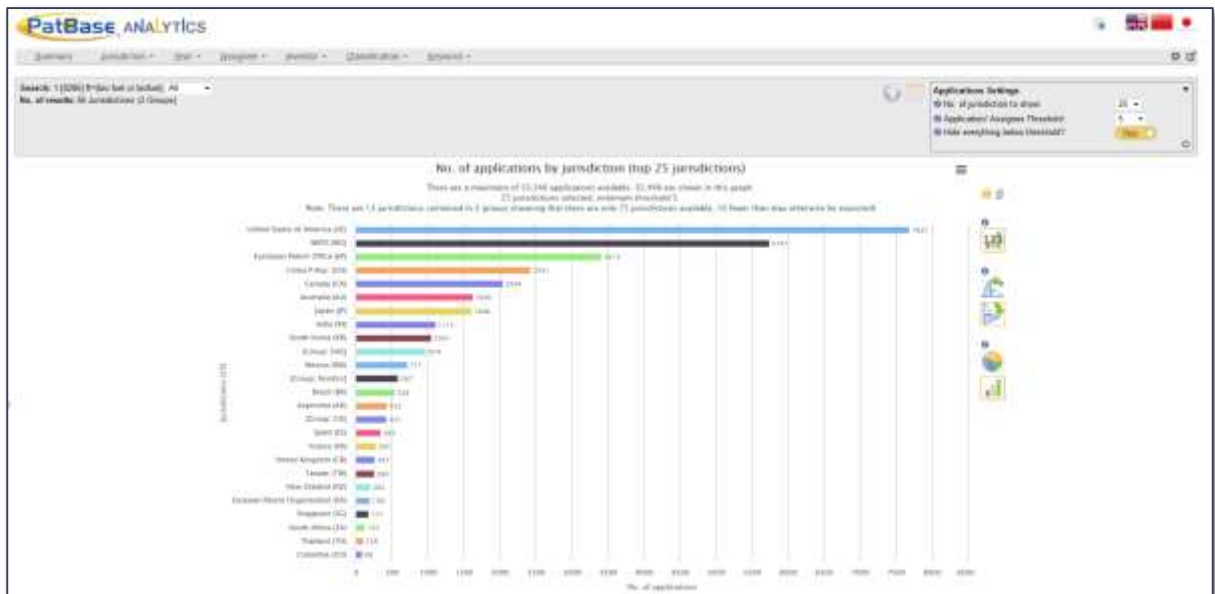
Understanding graphs

Every graph is entitled and details are provided of the data used to create it. This includes information about any publications, from the set initially analysed, not included in the graph.

Depending on the area of analysis chosen (Jurisdiction, Year, Assignee, Inventor, Classification, Keyword or Legal) analysis can be made using different criteria. These criteria include: by families, by priority (the earliest priority country in a family), by applications, by grants, by publications or a combination of these.

On the right hand side of the graph are buttons to change the view. You can remove / add the data labels from a graph, show / hide legend (if one is available), switch the view between a vertical or horizontal graph and also change the type of graph. Graphs / charts can be displayed as bar, pie, line, smooth line or scatter. Please note that dependent on the type of analysis made all types of

chart may not be suited to the data results. The most appropriate graph / chart for the data set will be selected by default. When examining Jurisdiction, for example, there is a geographical visual available.



Above the 'change the view' buttons is a yellow confused face which provides help including details of what a particular graph is showing and explanations about why. Each combination of an examined area, i.e. Jurisdiction, Year, Assignee etc. with a certain criteria, i.e. by families, by grants, by priority behaves differently. For example:

Classifications / Families – the number of classifications may be greater than the maximum number of families being analysed. This is because multiple classification entries can come from each family.

Jurisdictions / Families – the total count of jurisdiction hits will exceed the maximum number of families being analysed. This is because one family may have publications in a number of jurisdictions.

Year / Priority – the number of entries shown in the graph may be less than the maximum number of families analysed as the priority data, especially for very early publications, may not be available.

Note: Queries such as these can be resolved by visiting the 'Confused?' (yellow confused face icon). For data accompanied by an asterisk there will be an explanation offered in the 'Confused?' file, on the main Summary page, or both.

There is also a mouse icon which offers further information and indicates when a graph is 'clickable' – meaning further information can be gained by clicking a bar (drilling down) in the current graph. For example a keyword search has been completed and the number of families are broken down by jurisdiction, clicking on a bar in the current graph, for example, China, will display the Probable Assignees from China. Clicking on the bar again will return to the previous page.

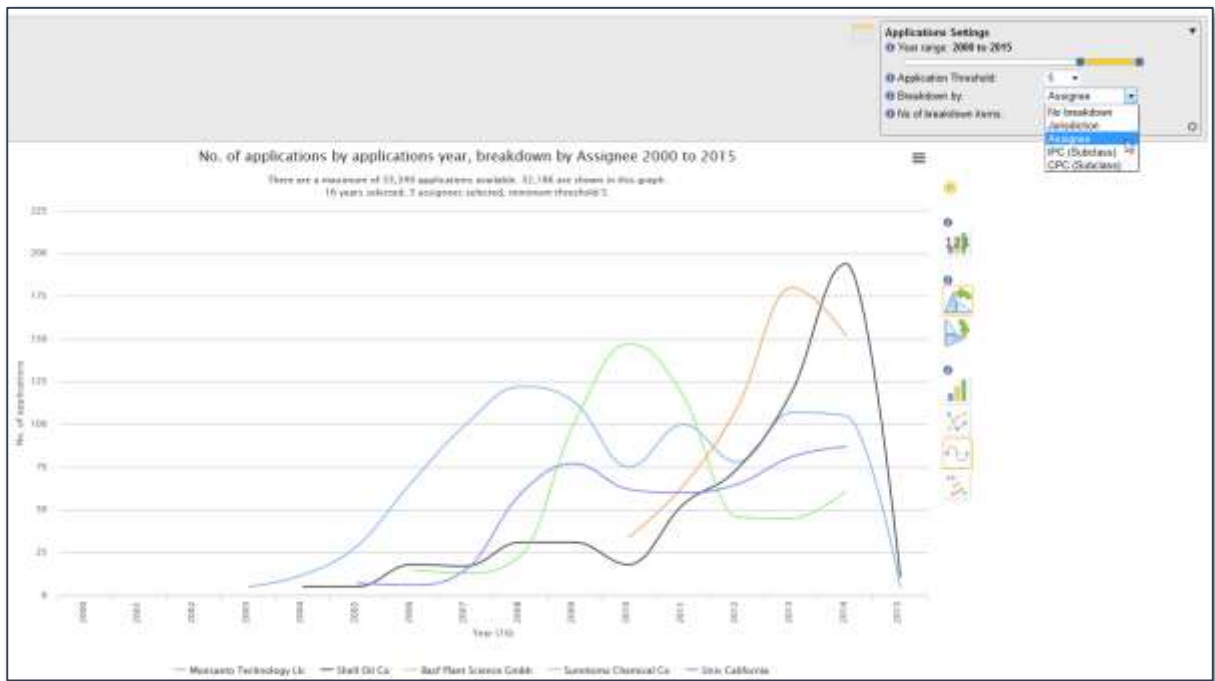
An option to print the chart is available. This can be found at the top right hand side of the graph / chart. Export options are also available. Please refer to the 'Exporting information' section for further information.

An option to view any graph / chart as data in a tabular format can be accessed by clicking on the table icon found at top right hand side of the page next to the Settings dropdown. Tables can be exported. Please refer to 'Exporting information' for further information.

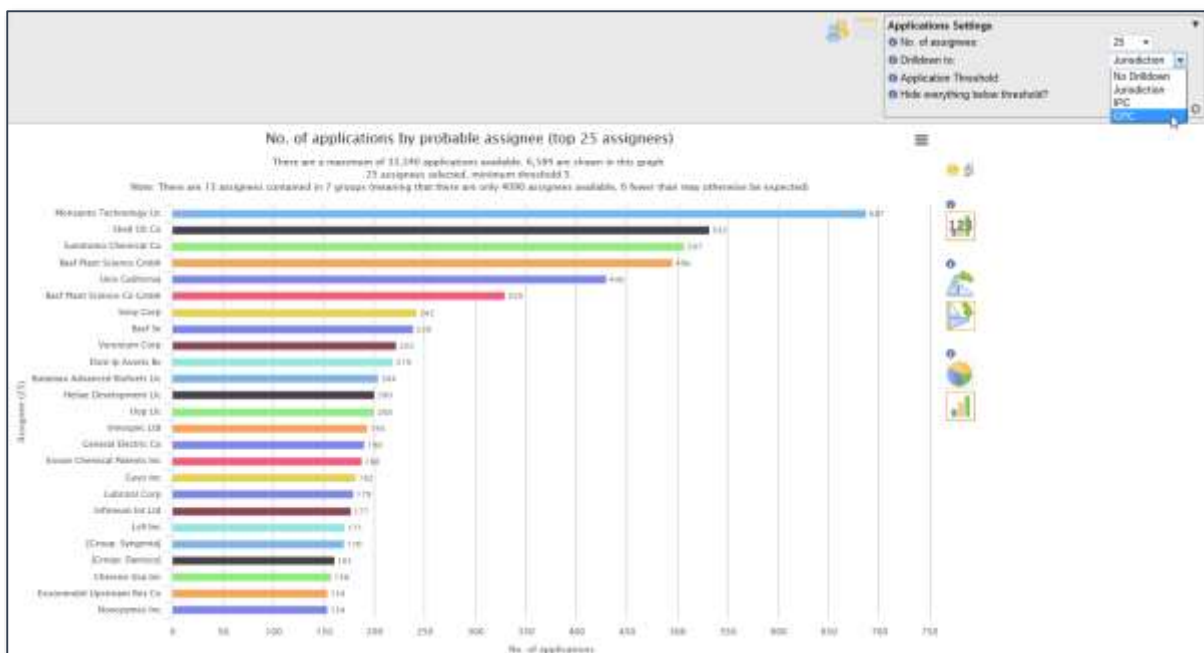
Breakdown and Drilldown options

PatBase Analytics offers Breakdown and Drilldown options, in which it is possible to add a further dimension to the data being analysed, e.g. viewing breakdown of assignee activity over years or a drilldown of application jurisdictions.

A **Breakdown** of results offers the opportunity to view trends of Jurisdictions, Assignees, IPC's or CPC's over time. To access breakdown information select Application, Grants or Publications under the Year tab. Within the settings box, select the criteria to breakdown by in the dropdown menu. The information included in the breakdown is displayed below the graph; it is possible to remove information in the graph by clicking on relevant information. To add the information back into the graph, simply click on it again.



A **Drilldown** of results offers the opportunity to dig deeper into an analysis set based on Jurisdiction, IPC or CPC. To access drilldown information select Families or Applications under the Assignee tab. Within the settings box, select the criteria to drilldown by in the dropdown menu. To view the information of interest, select a drilldown option and click on any of the assignee bars within the graph. This will display the selected drilldown information. Click on any of the bars to return to the original graph.



'Jurisdiction' and 'Assignee' groupings

It is possible to create groups for 'Jurisdiction' and 'Assignee'. Groups can be useful to either group connected geographical areas, for example, continents, or collate assignee names taking account of name difference / variations in spelling.

To create a group, go to any graph in 'Jurisdiction' or 'Assignee' and click on the globe or assignee icon on the right hand side next to the graph settings. An overlay will open in which groups can be created, edited and deleted.

All jurisdictions available in PatBase will be displayed to create jurisdiction groups. Only assignees included in the analysis will be available to create assignee groups. Three main boxes are available. The first displays the available jurisdictions / assignees. Here a search box is provided on top to easily find the relevant information. For the assignee list, it is possible to click directly through to relevant information via the letters down the side of the box.

Groups can be shared with other users as well as switched on and off in the advanced settings, please refer to the 'Settings' section below for further information.

Keywords

Click on the Keyword tab and select to show the keyword cluster analysis as either a circle or a grid visual. The most frequently occurring keywords found within titles and abstracts are displayed.

Click once on a keyword to see a list of families that contribute to the cluster.

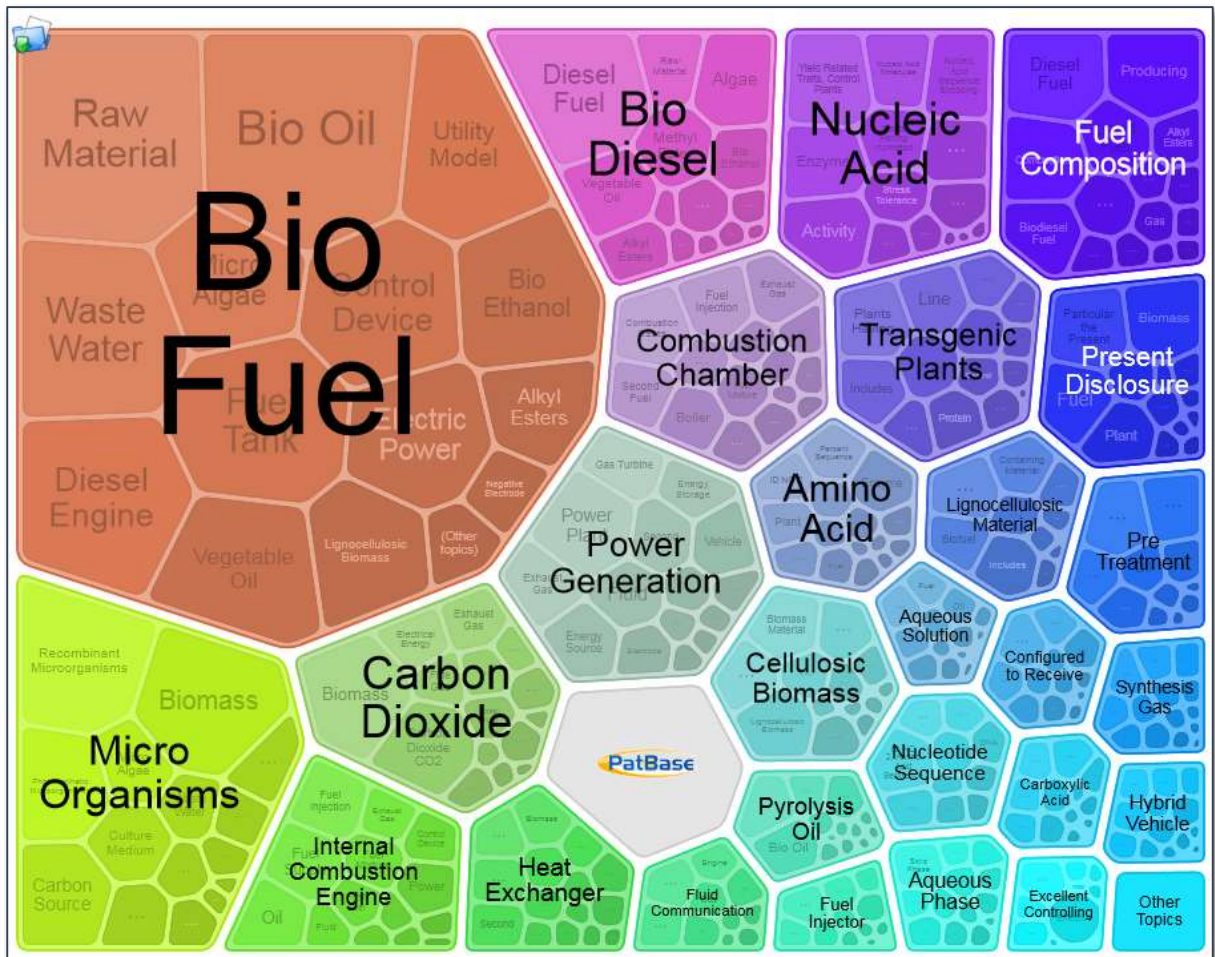
Above the list of families a summary of cluster information is provided; how many unique PatBase families have been identified and what percentage of patents from the initial search are represented in a particular cluster. If the cluster is a parent cluster (one containing other keywords) the number of child-clusters will also be given.

The keyword chosen from the cluster will be highlighted within the displayed titles and abstracts. Titles are hyperlinked to PatBase records. Clicking on the hyperlinked title or clicking on the arrow icon at the end of title will search that record within PatBase. To display all the records identified from

the cluster of a particular keyword, click on the arrow icon in the top right hand side of the page next to 'View in PatBase'. The records will open up in the original browser window, not within the PatBase Analytics window.

In the circle view, click on the pink arrows to expand / collapse the number of clusters displayed.

In the grid view, double click on a cell to display associated keywords within a cluster. To return to the original view press escape.



To save the visual image (the circle or the grid) click on the download icon found on the top left hand side of the screen. The visual image will open in a new window. Right click on the image and select 'Save image as...' to save to a PC.

Legal

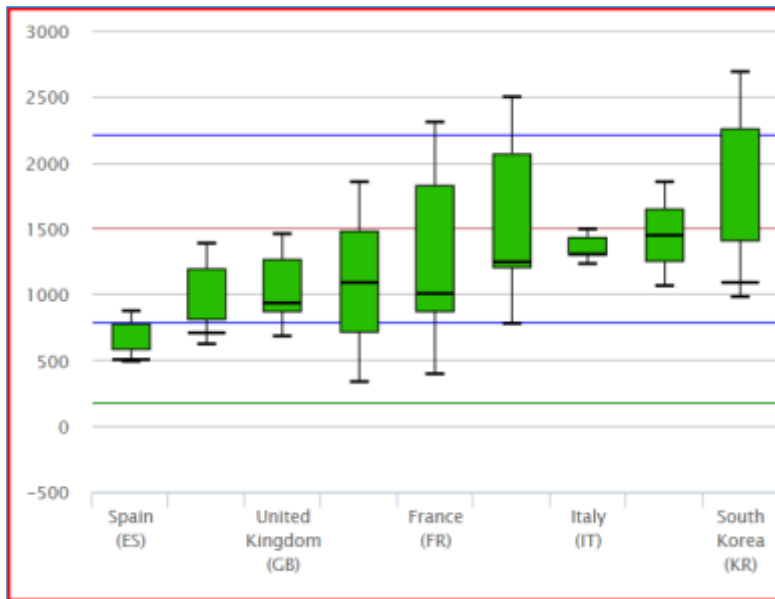
Click on the Legal tab and select:

All statuses – a graph showing the number of legal statuses for a particular event group.

Families – a graph showing the number of families for a particular event group.

Applications – a graph showing the most recent event groups for applications.

Time to grant – a graph showing a summary box plot (in days) from when an application was first made to the first grant.

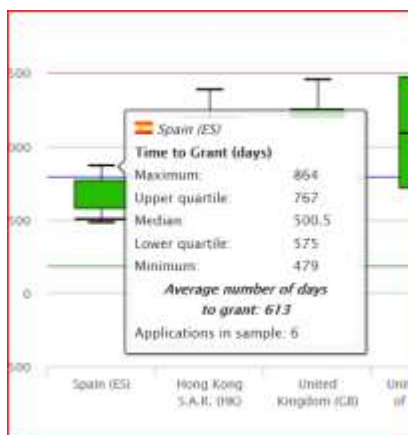


Data breakdowns by Jurisdiction and Probable Assignee for applications in the Time to grant graph are available. The graph above displays Jurisdiction. It can be changed to Probable Assignee from the Settings menu found on the top right hand side of the screen.




Other options are also available from the Settings box.

Mousing over a particular bar will give you details of the data you see within the graph display. As well as averages numbers, the number of applications included in the sample data set is included.



The legal status event groupings were put  her by Minesoft and RWS and are therefore

judgments, not facts. Clicking on the icon  will list the legal status event groupings. These groupings take PRS codes and allocate them into a category making them easy to manage.



	LSPB	Published/ Reissued
	LSGT	Granted/ Extensions (SPC, CPC, PTE)
	LSWD	Withdrawn / Abandoned / Cancelled / Surrendered / Suspended / Terminated / Void
	LSDW	Deemed Withdrawn / Deemed Abandoned / Deemed Cancelled
	LSOP	Opposition / Request for revocation, annulment
	LSRE	Restored / Reinstated / Amended / Partially Amended / Correction
	LSRV	Revoked / Rejected / Annulled / Invalid / Dismissed / Refused
	LSLE	Lapsed / Expired / Ceased / Dead
	LSFE	Renewal Fees

A '**PatBase Analytics User Guide**' is available. Please contact support@minesoft.com to obtain a free copy.

Exporting information


Exporting images

Options to download an image can be found at the top right of the graph / chart in view. Choose to download as a PNG, JPEG, PDF or SVG. The data can also be downloaded as a CSV file for further manipulation.

Exporting data

Data can be exported from the data view (table). The data will be exported in the order it is sorted. Export options available are Excel, XML, CSV, HTML and JSON.

Settings

To access the 'Settings' page, click on the setting button  in the top right hand corner of the toolbar. At the top of the page there is an options and reset section, which covers:

Show hints: The hints will appear at the top of each graph for a couple of seconds. These display useful tips on how to work with the graph or how to display relevant information.

Apply jurisdiction groupings: Switch this on and off to activate / deactivate the created jurisdiction groupings. Please note that if the groupings are switched off, the created groups will not be deleted.

Apply assignee grouping: Switch this on and off to activate / deactivate the created assignee groupings. Please note that if the groupings are switched off, the created groups will not be deleted.

Groups Appearance: This will determine how the groupings are displayed in a graph, i.e. group and then name, the group name written in bold, italic or same as any entries not currently in any groupings. It is recommended to select group and then name, the group name written in bold or italic to quickly identify the groupings in the graph.

Reset all, and reload data: Selecting this will reload the data from the search query and re-analyse the information.

Reset all toolboxes: Clicking on this will reset all the settings in the tool, e.g. if a threshold or number of entries has been changed in a graph.

Reset homepage: Click on this to reset the summary page. All widgets will be reset and returned to their original position.

Further down the page a selection of expandable sections are available. Some of these are related to the various current settings in the PatBase Analytics showing information on the parameters set in the individual areas, for example, a year range or widget settings.

The Jurisdiction and Assignee Settings also contain the created groupings. It is possible to share these from this section. To do this open the section and click on the Jurisdiction / Assignee Groupings to display all the available Groupings (if any has been created). To share the groupings with other users, please click on 'Download the current file' icon. Share this file with relevant users, who can upload this using the browse and upload button within this section. This will automatically create the same groupings.

The remaining sections cover:

Currently Analysed Searches: Open this section to display the search queries analysed along with the number of hits and size of the dataset.

Kind Codes: A list of all countries available in PatBase is listed, click on a relevant country to display available kind codes. This also includes the type of patent – Patent, Design, Utility or Other.

IPC: Expand this section to display a full list of the International Patent Classifications along with the description of these.

CPC: Expand this section to display a full list of the Cooperative Patent Classifications along with the description of these.

For further information on the PatBase Analytics please contact support@minesoft.com or refer to the PatBase Analytics User Guide. User Guides are available from Minesoft.

Statistical analysis

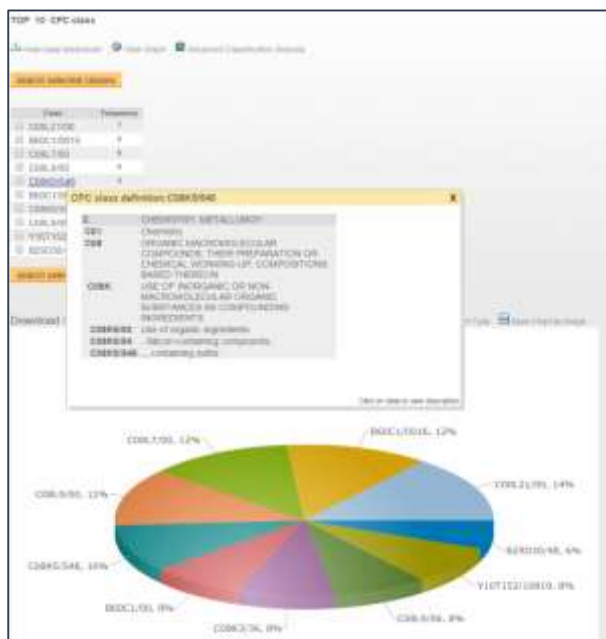
'Statistical analysis' analyses a maximum of 5,000 records. To use the Statistical analysis tool select 'more...' found on the History page and then select Statistical analysis from the right hand column.

NOTE: *Statistical Analysis requires Adobe Flash version 8 or above.*

A new window will open. There are four kinds of analysis which can be accessed by clicking on the corresponding tabs: Class (classification), Assignee, Keywords, Advanced (in-depth analysis on Assignee, Classification, Inventor, Country or Date).

Class (classification) analysis

If analysing classifications, select International (IPC), Cooperative (CPC), European – ECLA (EC) (*legacy*), US or Japanese F-Terms, then select the length of the classification. Set the number of records to analyse using the dropdown box. Set the number of items to see ranked, using the dropdown box. To generate an Excel file of search results for further analysis, select 'Yes' from the dropdown option. Click 'Analyse' to run the class analysis. If you have chosen to include an Excel link, this will be displayed on the results page. Right click on the link to save the data.



Assignee analysis

Select the number of records to analyse and the number of assignees to be ranked from the dropdown menus. To generate an Excel file of search results for further analysis, select 'Yes' from the dropdown option. Click 'Analyse' to run the assignee analysis. If you have chosen to include an Excel link, this will be displayed on the results page. Right click on the link to save the data.

Keyword analysis

Select the number of records to analyse, number of top ranked keywords to analyse and the fields on which the analysis should be carried out (Title & Abstract, Claims etc). To generate an Excel file of search results for further analysis, select 'Yes' from the dropdown option. Click 'Analyse' to run the keyword analysis. If you have chosen to include an Excel link, this will be displayed on the results page. Right click on the link to save the data.

Statistical analysis results

When users have their analysis results they can select classifications, assignees or keywords of interest by checking boxes and clicking 'search selected'. These classes / assignees / keywords will then be searched in PatBase.

If searching 'Class' users can mousing over the classification to see the class definition. Users can also select to 'View class breakdown' found on the top left hand side of the screen which shows the frequency of the classification description (see screenshot below).

Class	Frequency
<input type="checkbox"/> B: PERFORMING OPERATIONS; TRANSPORTING	13
<input type="checkbox"/> B29: WORKING OF PLASTICS; WORKING OF SUBSTANCES IN A PLASTIC STATE, IN GENERAL	3
<input type="checkbox"/> B29D: PRODUCING PARTICULAR ARTICLES FROM PLASTICS OR FROM SUBSTANCES IN A PLASTIC STATE	3
<input type="checkbox"/> B29D30: Producing pneumatic or solid tyres or parts thereof	3
<input type="checkbox"/> B29D30/48: Bead-rings or bead-cores ; Treatment thereof prior to building the tyre	3
<input type="checkbox"/> B60: Transporting	10
<input type="checkbox"/> B60C: VEHICLE TYRES; TYRE INFLATION; TYRE CHANGING OR REPAIRING; REPAIRING, OR CONNECTING VALVES TO, INFLA...	10

A graphical summary of analysis results for classifications, assignees or keywords can be viewed by clicking on 'View graph' at the top of the page. For Class and Assignee graph type can be switched between pie and chart using the corresponding icon above the graph. The graph(s) can be saved as a JPEG by selecting 'Save Chart as Image'. For keywords the graph can be printed or saved.

A link to the 'Advanced Classification Analysis' is provided from all the statistical analysis results pages.

Keyword analysis results

The list of results from Keyword analysis can be further refined by checking the tick box next to the corresponding keyword(s) and clicking on 'Delete' or 'Merge' accordingly.

Merge complete, words have all been merged into "tyre".

Proximity : 1 · Advanced Text Analysis

Delete Merge Search Selected

Words	Frequency
<input type="checkbox"/> tyre <+>	23
<input checked="" type="checkbox"/> pneuma	13
<input checked="" type="checkbox"/> pneuma	8
<input type="checkbox"/> tread	7
<input checked="" type="checkbox"/> pneu	7
<input type="checkbox"/> luftreifen	6
<input type="checkbox"/> effect	6
<input type="checkbox"/> direction	6
<input type="checkbox"/> cross	6

Merged items: pneuma, tyre, tire

When keywords have been merged the symbol <+> will appear. Position the mouse over this symbol to view the list of merged words.

Searches can be performed for one or more keywords directly by checking the tick box next to the corresponding keyword(s) of interest. Clicking on 'search selected' will automatically add search results on selected keywords to the History page.

To analyse keywords according to proximity, select the 'Proximity' number from the dropdown menu and click "Advanced Text Analysis". This displays a new list that ranks keywords within proximity to each other based on the number selected. For example, selecting 5 will display frequency of keywords occurring within 5 words of each other.

publication level. VizPat Report can either be found in the Advanced Statistical Analysis (shown below) or under select file format in PatBase Export options.

NOTE: Users must hold a subscription with a third party vendor to use of VizPat.

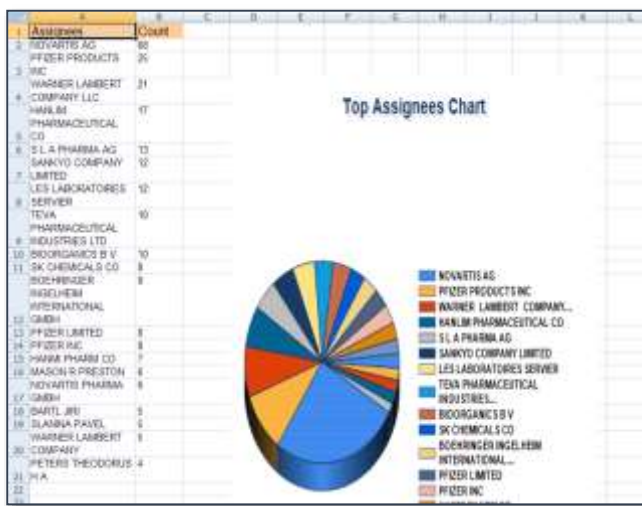
To create the report:

- Choose the number of families to include in the report
- From the radio buttons select the values for:
 - File format
 - "Top" chart format
 - "Trend" chart format
 - International Classification length (IPC)
 - US Classification length (UC)
 - European Classification length (ECLA)
 - Image display.
- Choose what needs to be included from the multiple selection boxes
 - Top Country Chart
 - Top Assignee
 - Top Inventors
 - Top IPC
 - Top UC
 - Top ECLA
 - Publication Trend
 - Filing Trend
 - Country Publication Trend
 - Assignee Publication Trend
 - Inventor Publication Trend
 - IPC Publication Trend
 - UC Publication Trend
 - ECLA Publication Trend
 - IPC Assignee Trend
 - UC Assignee Trend
 - ECLA Assignee Trend
 - PatBase Publication Trend

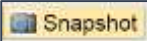
- Claims
- Legal Status.
- Click Submit

In the next window enter the email address(s) the report needs to be sent to and press 'Order Export'.

NOTE: VizPat Report exports are always completed as an offline export and an email notification with a link will be sent to the email(s) of choice.



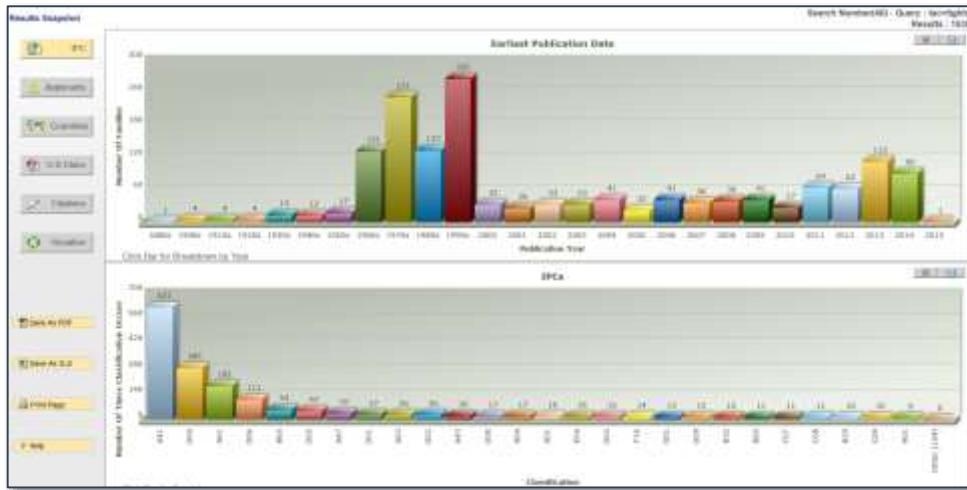
Snapshot

'Snapshot' offers PatBase users a quick statistical breakdown of results. From the History page, select more and then 'Show Snapshot' from the right hand column. Alternatively select  found at the top of the screen when viewing records in the 'View', 'Browse' and 'Hits' modes and also when viewing Statistical Analysis.

The option to view global patenting trends at a glance with respect to key areas of interest such as Publication year, Country Code, International Patent Classifications, Assignees / Applicants, US Classifications and Citations highlights key areas of interest for further analysis. Clicking on the option 'Visualise' links to the images generated by Visual explorer. Refer to [Visual explorer](#) for further information.

Snapshot options

Two graphs can be displayed at any one time within the Snapshot view.



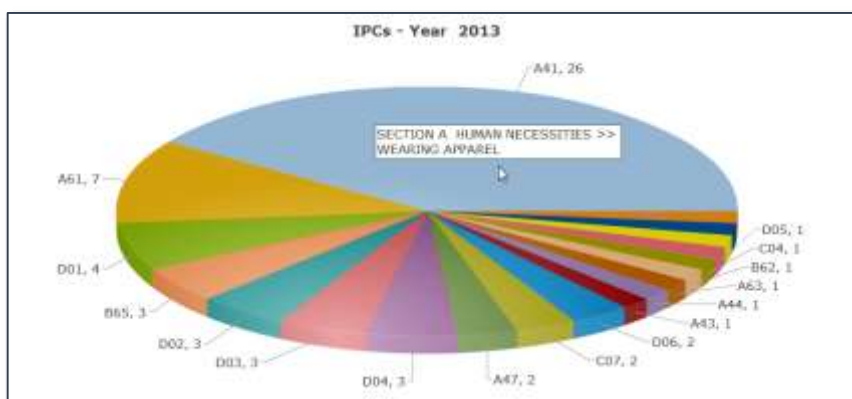
The first graph always corresponds to a breakdown of earliest publication year against number of families.

The second graph corresponds to the option selected from the menu on the left highlighted in yellow. For example: Clicking on 'Countries' will give a breakdown of number of families for a particular country. To view a breakdown by country for a particular year users can click on the bar in the first graph, this will regenerate the country graph to show only data from that year (this does not apply to the 'Citations' line graph).

It is also possible to 'drilldown' within the second graph. For example, when using the IPC graph, clicking on the bar corresponding to a classification of interest will give a more detailed breakdown of the number of times that classification occurs.

The ability to 'drill down' within a graph is indicated by "Click Bar for Breakdown" ("Click Pie Slice for breakdown" when viewing pie charts) in the bottom left of the graph. Where applicable, when drilling down, an arrow will appear in the top right of the graph which can be clicked to return to the previous graph.


The chart type can be switched between pie and chart using the corresponding icon in the top right of the graph. It is also possible to save a copy of the graph using the save icon in the top right.



Click on 'Citations' to see a Citation Timeline graph for a visual summary of citations over time. Peaks in the line graph clearly indicate years in which the most backward and forward citations occur for a sample of the result set. Place the mouse over the node within the graph to view details of publication year and number of records.



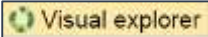
Exporting snapshot results

The results of a snapshot can be exported as either as PDF or Excel file. The export links can be found in the menu on the left of the snapshot screen. The image can also be printed. To save the image as a JPEG click on the disc icon  found in the top right of the screen.

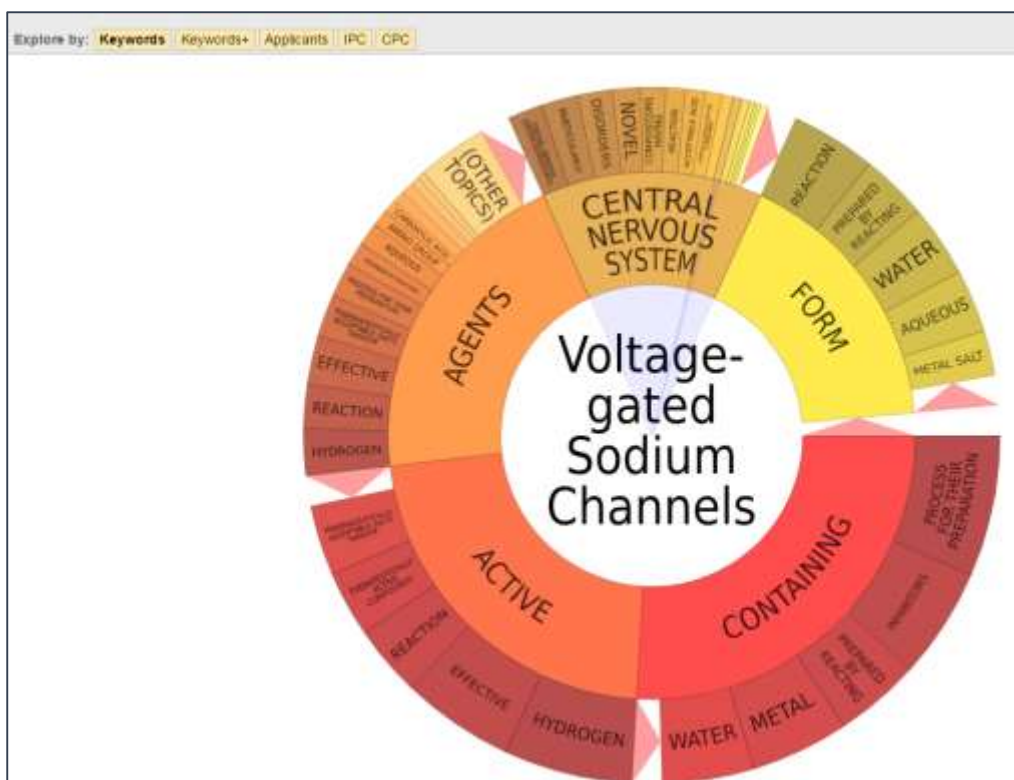
Visual explorer

'**Visual explorer**' is a clustering and visualisation tool offering an instant pictorial overview by Keywords, Applicants, IPC or CPC. The overview is created from the first 2000 records within a results set.

Access Visual explorer from the History page, 'more...' and then selecting Visual explorer from the right hand column or from the 'View', 'Browse' or 'Hits' mode when viewing records by clicking

 found at the top of the screen.

By default, a pictorial breakdown of Keywords for a results set will be displayed. Options to explore the data set by Keywords+, Applicants, IPC or CPC are available by selecting the corresponding button above the visual (shown in the screenshot below).



Keywords – a dynamic wheel is displayed with segments containing keywords. The size of the segment is proportional to the breakdown of keywords within the results set. Additional tiers going out from the centre indicate an additional breakdown of keywords within a segment. Wherever a pink arrow occurs, this indicates there are additional smaller segments. Clicking on the pink arrow will expand the wheel to display any smaller segments. Mouse-over segments to display corresponding text in the centre of the wheel. Click on a segment within the dynamic wheel containing keyword(s) of interest to drill down to the relevant records.

In the case below Carboxylic Acid was selected from the Visual explorer visual and was searched in PatBase.

Search 17: "16 and np>6 [VISUAL EXPLORER]: Carboxylic Acid" 1-6 of 6

Display format: Sorted by:

[Print](#) [Return to Visual explorer](#) [Add to search history](#)

1) Family number: 29448238 (US7189701B)

Title: [EN] TETRAPEPTIDE STIMULATING FUNCTIONAL ACTIVITY OF NEURON

Abstract: Source: US7189701B [EN] Tetrapeptide L-alanyl-L-glutamyl-L-asparag

Users can add these results to their search history by selecting 'Add results to search history' found on the top left of the page.

Keywords+ – provides a visual breakdown of keywords occurring within the titles and abstracts, combined with the complete definition of the main IPCs occurring in the results set.

Applicants – provides a visual breakdown of Applicants / Assignees occurring within the results set (inventor and assignee duplicates are automatically removed).

IPC – provides a visual breakdown by the International patent classification (IPC) system within the results set.

CPC – provides a visual breakdown by the Cooperative patent classification (CPC) system within the results set.

Save or print the Visual explorer

To save or print the Visual explorer right click on the image. The image can be saved as PNG or JPEG.

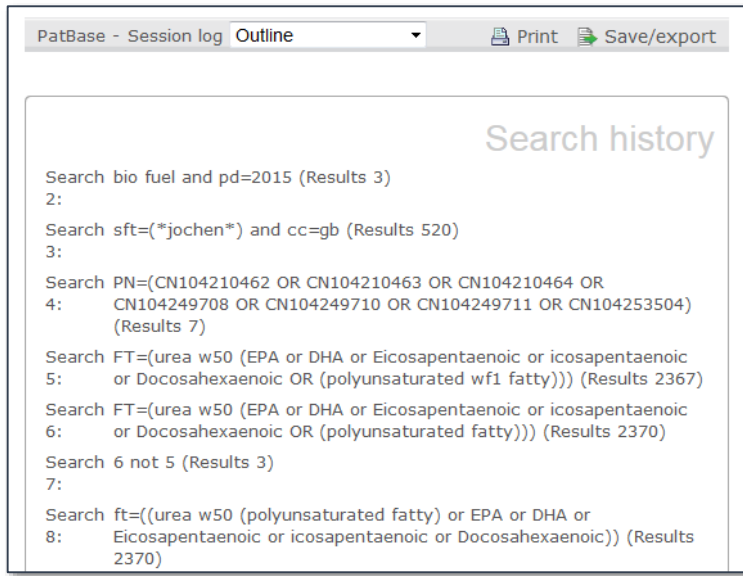
SESSIONS

Sessions encapsulate everything a searcher enters and retrieves throughout their search session. Users can continue, save, view and export their sessions. Users wishing to continue their last session after logoff must select the 'Continue last session' option on the login screen. A session can be continued after any period of time.

View session log

The session log can be viewed by selecting the Session / View session log option from the toolbar. Alternatively type “..session” in the command line. A new window will open detailing any search strategies together with records viewed.

The display format of documents in a session can be changed by using the dropdown menu at the top of the screen. The session information can be printed and exported from this page using the Print or Save/export options. To view the search strategy only and not the records, simply select the Outline option from the dropdown menu.



Export session log

Users can export a session log (save it to a file) when viewing their log by using the Save/export option or by going to Session / Export session log on the main menu toolbar.

Users will be requested to select a file format from:

Microsoft Word saves the file in Microsoft Word format (Word 2000 and above).

Rich Text Format (Word 97 and above).

Rich Text Format (zipped).

HTML (Web Archive) saves all the elements of a session log, including text and graphics, into a single file.

HTML (Web Archive zipped) saves all the elements of a session log, including text and graphics, into a single zipped file.

HTML saves the file in HTML format.

PDF saves the file as PDF

And also select a display format:

Outline, Classic, Full, Biblio, Scan, Image, Classic Simple (No tables), Classic Plain (Fixed text), or any Custom formats set.

Click Export and wait for the system to return a link to the exported file (this may take a few minutes). Right click on the link and select 'Save target as' to save the file locally.

Clear session log

Users can clear the session log by selecting Session / Clear session log on the main menu toolbar.

Timeout

Sessions will time out after 20 minutes of inactivity after which the system will log out. To continue searching in the same session log check the 'Continue last session' box on the login page.

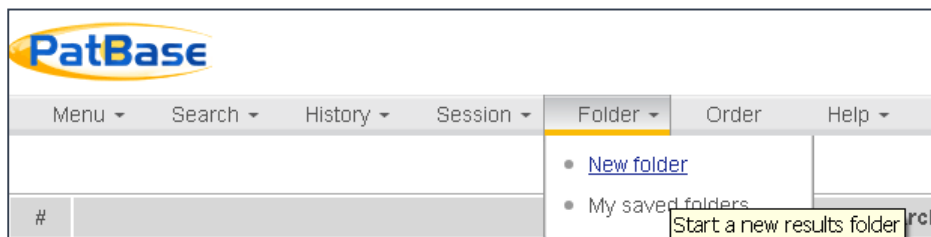
PATBASE FOLDERS

When a search has been run, users often want to save relevant documents in a folder for later analysis, to share with colleagues or for future use. PatBase allows users to save up to 2500 folders on one User ID.

It is important to note that records (families) that have been added to a folder are NOT static. Whilst a folder remains in PatBase, PatBase searches for new family members (equivalents) when the folder is opened and the up-to-date record is then displayed in the folder. PatBase will not add new families to the folder – just new family members / information. To create a copy of the folder results from a specific time without any updates the folder must be exported or published.

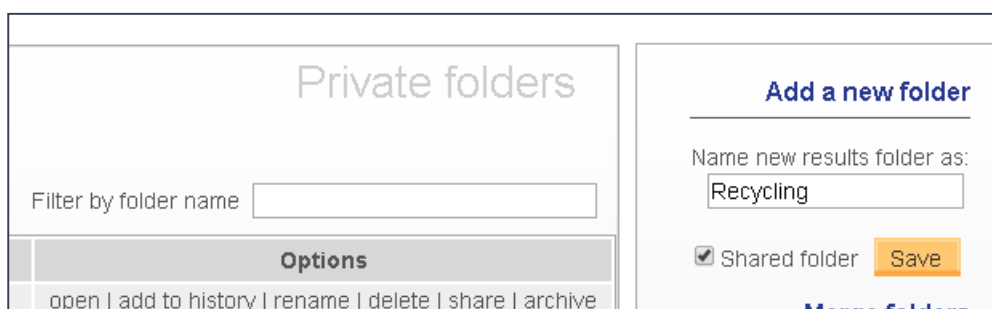
Create / open a folder

To create and open a new folder, click 'New folder' listed under the 'Folder' tab in the toolbar.



Users will be directed to the folder management page. Here they can create a new folder by entering a name in the text box displayed under 'Add a new folder' on the right hand side. Please use standard Latin characters and do not use symbols or accents.

At this point users can also decide whether they wish to share the folder. A shared folder will be visible to other PatBase users who share a domain name, e.g. all @minesoft.com or those pre-defined in a specific user group (see [Shared folders / access rights](#)). Check the box if you wish to share the folder. If the box is not checked the folder will remain private. It can be shared at a later time.



Once you click 'Save', your folder will automatically be displayed within your list of private or shared folders. You can switch between your private and shared folders by using the tabs found at the top left of the page (shown below).

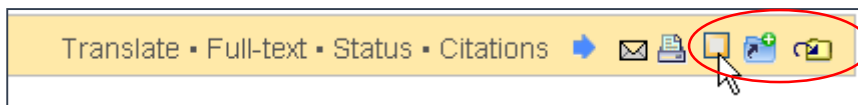


Once a new results folder has been saved, the new folder name will appear in the folder tab on the toolbar. This indicates that this folder is now open, and any selected search results will automatically be directed into this folder when you check the box . In the screenshot below the folder is called 'recycling'.




Add records to a folder(s)

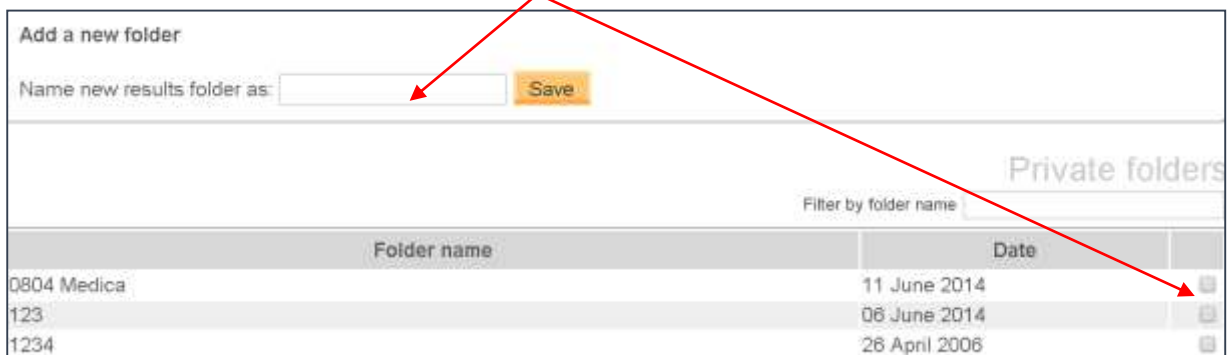
Records can be added to a folder in a number of ways when viewing or browsing search results.



Checking the box will add the record to the open folder.


Add a record to a folder other than the one open

Clicking on this icon  will open a pop-up list of your private and shared folders. Check a box to add the record to an existing folder. Alternatively enter a new folder for the record to be added to.



Close the pop-up box to return to viewing records.


Folder shortcuts

Folder shortcuts, enable users to work with up to 5 folders at one time. Clicking on the icon  retrieves a list of all private and shared folders. From here click 'Add shortcut'.

Folder name	Date	
0804 Medica	06 October 2014	Add shortcut
Artificial fish lure	26 April 2006	Add shortcut
az10	26 April 2006	Add shortcut
bridgestone	31 January 2006	Add shortcut
CA2323096	31 January 2006	Add shortcut
CW	06 June 2014	Add shortcut

If a folder is already open, this will count as 1 of the shortcuts and you can therefore select 4 more. If no folder is open, 5 shortcuts can be selected. The folder shortcuts will appear underneath the family bar when looking at the records.



The open folder, in this case 'recycling', is marked in blue. As you scroll through the records, they can be added to any of the folders selected as a shortcut (one or multiple). These shortcuts will stay active within a session, so if another shortcut is needed or some of them have to be removed, click again on the  icon and select 'Remove shortcut'.

NOTE: *If a folder is renamed whilst it has a shortcut open, the name will not be updated to reflect the new name and the folder shortcut with the previous name will be invalid. We recommend adding another shortcut with the new folder name or end the browser session so the shortcuts clear and add new folder shortcuts for renamed folders.*

Add all records to a folder

You can add all the records from a search query to an open folder by clicking 'more...' against the search query on the History page and selecting 'Add to results folder' found in the right hand column. You can then choose to 'Add results to current folder', 'Name new results folder as:' or select an existing folder. If selecting an existing folder a further 'Filter by folder name' option assists you in finding the folder you are looking for.

Add a new folder

Name new results folder as: Save

Private folders

Filter by folder name

Folder name	Date	
cyclone	17 February 2005	Save
recycling	07 October 2014	Save

The list of shared folders follows the private folders. The limit of records to be added at one time to a folder is 10,000.

Open a saved folder

To open a saved folder, click on 'My saved folders' under the 'Folder' tab on the toolbar, or go to 'My saved folders' under 'My items' on the main menu page. A list of your saved results folders will be displayed. Mousing over the name of the folder provides folder information: the number of records held in the folder and the date the folder was last modified. Click on the headings 'Folder name' or 'Date' to sort the list according to these options. Click on either the name of the folder or on 'open' to view the contents of the folder.

Folder name	Date ▲	Options
recycling ¹	06 October 2014	open add to history rename delete share archive
0804 Medica ¹	06 October 2014	open add to history rename delete share archive
CW ¹	06 June 2014	open add to history rename delete share archive
osmosis_filter ¹	15 May 2014	open add to history rename delete share archive

Add folder results to your Search history

Users can combine records within a folder with additional search criteria by adding records from a folder to the search history. This can be done either from the folder management page shown above, or whilst viewing the records from one of the folders. Select 'add to history' found at the top of the records and the results will automatically be added to the Search history page.

Folder: osmosis_filter 1-4 of 4

Display format: Classic Sort by: None

print folder export folder **add to history** folder description view snapshot Visual explorer Analytics publish folder search folder

Users can also use the command line to add a folder to the Search history. For a private folder enter 'RF=(exact name of folder)', e.g. RF= (recycling). For a shared folder enter 'SF= (exact name of folder)' e.g. SF= (Cycling Watch)

#	Search query	Results
4	RF=(osmosis_filter)	4

Users can combine the above with other search criteria and search queries using the usual AND, OR and NOT operators. E.g. RF= (recycling) AND PD>201301.

Combine folders (for display) using the command line

Folders can be combined for display using the command line. Combine a folder named 'az10' with a folder named 'ght67' either using RF= OR RF= commands or by using the OR operator with search statement numbers.

#	Search query	Results	Options
4	1 OR 2	483	View Browse Hits Optimise
3	RF=az10 or RF=ght67	483	View Browse Hits Optimise
2	RF=ght67	2	View Browse Hits Optimise
1	RF=az10	481	View Browse Hits Optimise

Do NOT search RF=(az10 or ght67). This searches for a folder named either az10 or ght67.

Where folder names consist of two or more words / numbers they should be placed in brackets, e.g.

#	Search query
5	RF=(0804 Medica)

Numbers that form part of folder names should NOT be placed in quotation marks.

Rename a folder

To rename a folder select 'rename' against the folder you wish to change. Enter the 'New folder name' and click 'rename' to save.

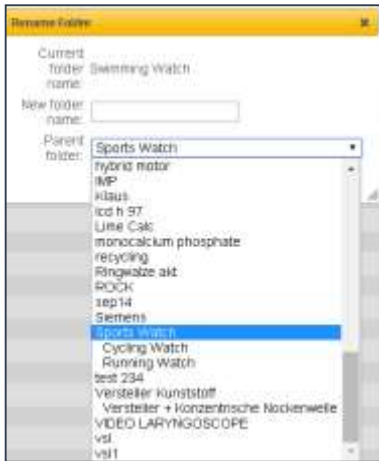
Rename Folder ✕

Current folder name: 0804 Medica

New folder name:

rename

In shared folders there is an additional option to create a **Folder hierarchy**. Once a folder has been shared, click on the 'rename' option. A dropdown menu then enables users to rename the folder as they wish and select a 'Parent folder'. Click 'rename' to save. This option is not available in private folders.



Delete a folder

To delete a folder select 'delete' against the folder you wish to remove.

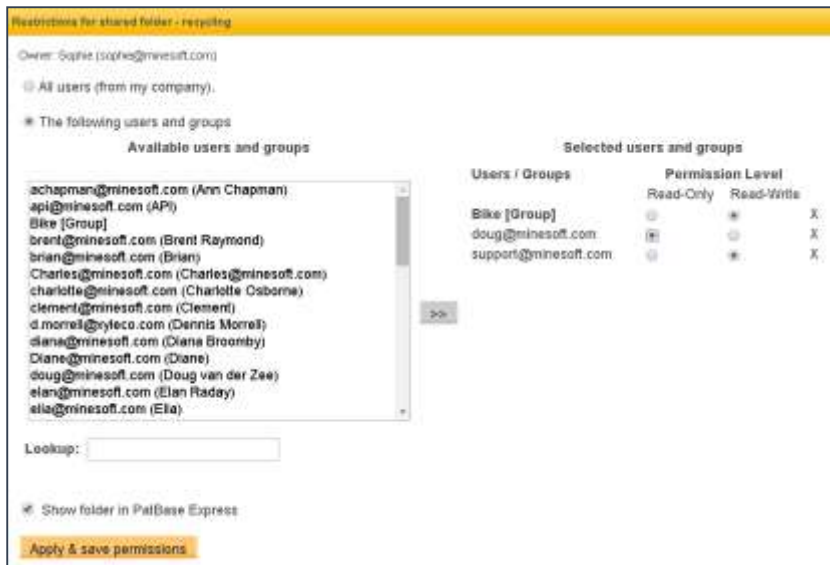
Share folders

To share a folder with other users of the same PatBase account click 'share' against the relevant folder in your list of private folders. This folder will then be displayed in your shared folders list. By default, sharing a folder will make the folder accessible to all users within the same PatBase account (full Read-Write access). However, by clicking on 'access rights' the owner of the folder can further restrict permissions.

monocalcium phosphate (Public) ¹	26 September 2014	open add to history rename access rights delete
recycling (Public) ¹	06 October 2014	open add to history rename access rights delete
Ringwalze akt (Public) ¹	20 August 2014	open add to history rename access rights delete

A pop-up window will prompt the folder-owner to choose between two permission levels: Read-Only or Read-Write for all users. Read-Only means users with access rights to the folder are not able to modify the contents. Read-Write access grants the ability to read and modify a folder. All account administrators are automatically granted Read-Write access.

Selecting the second option, shown below, 'The following users and groups' allows users to define and restrict access to specific users.



Users can choose to restrict access to a folder to a limited number of users or to certain pre-defined user groups. Users can create groups in advance by going to 'User group management' under 'Settings' or alternatively accessing this option from the folder management page from the hyperlink 'Manage user groups' provided under the Merge folders option. See also [Settings / User group management](#). In the above example 'Bike' is a pre-defined user group.

If a company has access to both PatBase and PatBase Express, PatBase users can choose to share a PatBase folder with ALL PatBase Express users as 'Read-Only'. To share a folder with PatBase Express users select the option 'Show folder in PatBase Express'.

Click 'Apply & save permissions' to save these access rights.

NOTE: If a shared folder is deleted, it is deleted from all User IDs and is NOT retrievable.

Change ownership of a folder

From the same page as you set the access rights to share your folders it is possible to change the ownership of a folder. This change can only be made to shared folders and by the folder owner. Please click on 'change' next to the user name at the top. A list of all available users will appear in the New Owner dropdown list. Select the new owner (the name will be highlighted) and click 'save'.



Archive folders

You can 'archive' a private folder. This will temporarily remove it from your folder list. To retrieve an archived folder, click on 'View archived folders' displayed at the top left of your private folders list. A

list of archived private folders will be displayed. If you wish to reinstate a folder select 'load'. If you wish to delete a folder select 'delete'. Please note that once an archived folder is deleted it cannot be retrieved.

Folder Name	Date	Options	
CA2323096	31 January 2006	load	delete
FR2012964	01 October 2004	load	delete
garden	26 April 2006	load	delete
osmosis	15 May 2014	load	delete
osmosis_filter	15 May 2014	load	delete

Merge folders

To merge folders, use the 'Merge folders' form on the right hand side of the folder management page. The folder management page is accessible from 'My saved folders' under the folder tab on the toolbar, or by going to 'My saved folders' listed under 'My items' on the main menu page.

Select the folders you wish to merge from the dropdown list at 'Source folder 1' and 'Source folder 2' (Both private and shared folders will be listed). Name the new folder at 'Target folder'. Options of 'Or', 'And' and 'Not' are available to combine all records, select mutual records or exclude certain records.

Folder name	Date	Options
0804 Medica	08 October 2014	open add to history rename delete share archive
Artificial fish lure	28 April 2006	open add to history rename delete share archive
az10	26 April 2006	open add to history rename delete share archive
bridgestone	31 January 2006	open add to history rename delete share archive
CW	08 June 2014	open add to history rename delete share archive
cyclone	17 February 2005	open add to history rename delete share archive
dental restoration	11 January 2006	open add to history rename delete share archive
Diamond_0427	07 July 2004	open add to history rename delete share archive
Diamond_0436	06 September 2004	open add to history rename delete share archive
Diamond_0442	16 March 2005	open add to history rename delete share archive
Diamond_0519 OR 0518 OR 0517 OR 0516	09 May 2005	open add to history rename delete share archive
Diamond_0529	25 July 2005	open add to history rename delete share archive
Diamond_0546	21 November 2005	open add to history rename delete share archive

Add a new folder

Name new results folder as:

Shared folder

Merge folders

Source folder 1:

Merge type:

Source folder 2:

Target folder:

Working within a folder

Folder: osmosis_filter 1-4 of 4


Display format: Classic Sort by: None

Add a folder description to a folder


Users can add an overall description to a folder by clicking on 'folder description'. A pop-up will appear with the option to add a description (this is free text) and/or attach current / saved search histories for reference. Click 'Save' to save changes. To remove an entry, click on 'x Remove'. Search histories can easily be copied and pasted directly into 'Upload script' found under the Search tab. This is useful if a folder has been shared and a colleague would like to rerun the same search.

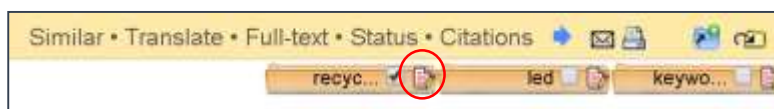


Add notes to individual records within a folder

Users can annotate individual records by selecting the 'add family note' icon  also shown below in the corresponding family bar. Click on 'Save note' to save your text.

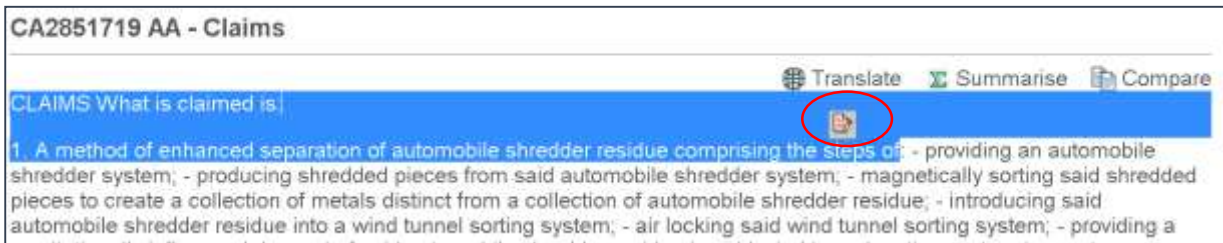


Once a note has been added to a record the icon will change to include red horizontal lines . The notes can be viewed by mousing over the icon or amended by clicking on it. Please note users can also add notes when using the folder shortcuts by clicking on the 'add note' links marked below.

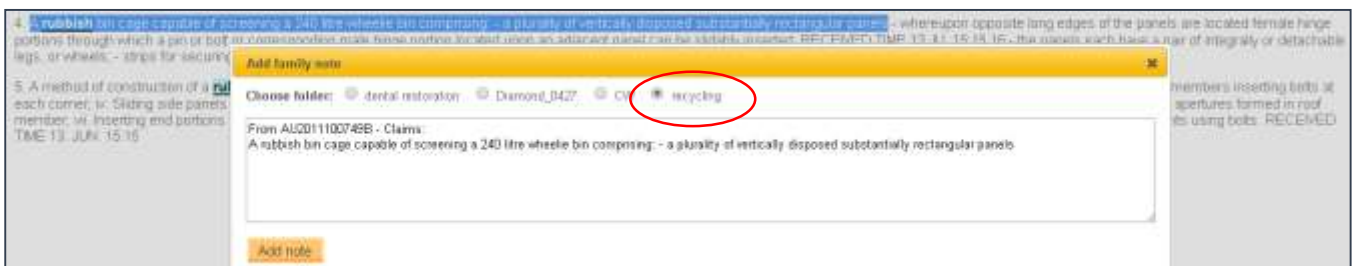


Add notes from full text whilst using folder shortcuts


Whilst working with folder shortcuts and viewing the full text it is possible to add a note taken directly from the full text of a publication. Select a text you are interested in and mark a section of the text using your cursor. When you do this an 'add notes' icon will appear (as in the below).

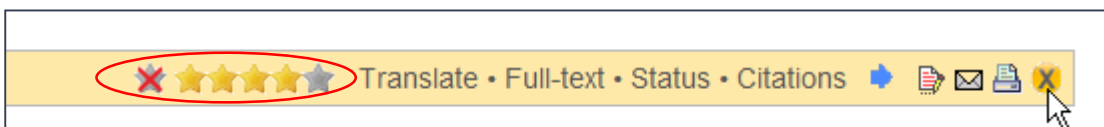


When clicking on the add notes icon a pop-up appears prompting users to choose which shortcut folder, of those open as shortcuts, users would like the note to be added to. Select one as shown below. Further notes can be added if desired. Then click 'Add note' to save.



Remove record from a folder

To remove a record from a folder click on the  icon found in the top right.



Ranking and sorting families within a folder

Once records are in a folder, it is possible to apply a value from 1 to 5 stars and sort records according to these values, which is a useful way of picking out and viewing the most relevant records.


To rank a record, click on the appropriate number of stars displayed in the corresponding family bar. To cancel the ranking, click on the star furthest on the left with a red cross through it. **NOTE:** *In shared folders, any user who has 'Read-Write' access can apply and edit the ranking of records.*

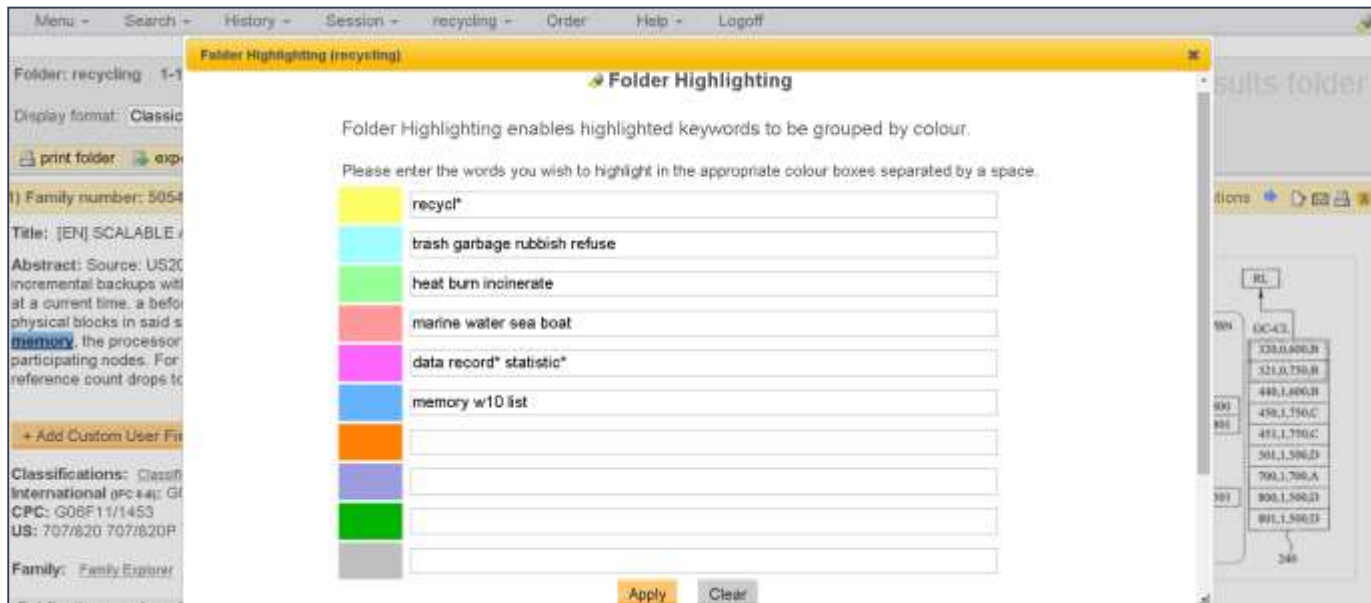
To sort by ranking, select 'Ranking desc' (descending) or 'Ranking asc' (ascending) from the 'Sort by' dropdown option displayed on the top left of the screen.



Please note that if folders which contain the same record are merged and this record has been given a ranking in both folders, the highest ranking value will be applied to the record in the merged folder. So, for example, a record has been ranked '3' in one folder and '5' in the other folder, once the folders have been merged, the ranking value for that record will be '5'.

Apply highlighting to words within folders

Clicking on the highlighter icon  found at the top right of the screen allows you to define words to be highlighted within a folder. Similar to the 'Advanced Highlighting', when viewing / browsing results in PatBase, the Folder Highlighting scheme can be saved and re-applied.



As with the Advanced Highlighting, Boolean and proximity operators can be included to highlight words in relation to each other. When including these operators it is necessary to assign separate colours to highlight a simple list of individual words or, use the operator 'OR', if it is necessary to assign the same colour for highlighting. If highlighting has been applied, the highlighter icon will change from grey to yellow.

By clearing the words from the highlighting scheme and then revisiting Folder Highlighting it is possible to use the last highlighting scheme entered. Please click on 'Last used' to load this.

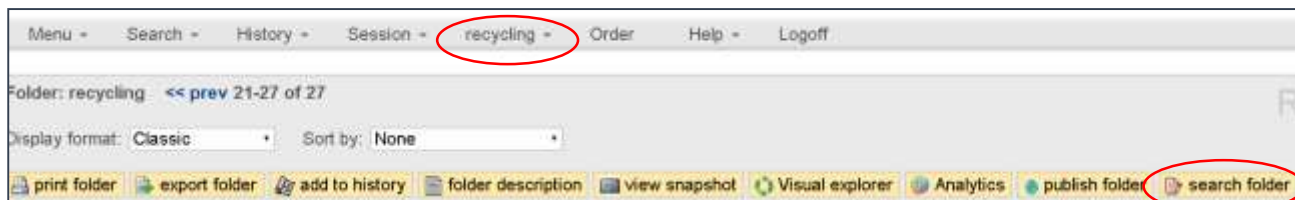
To save a folder highlighting scheme, click on the highlighter icon. This will open up an overlay window with the option 'Save current highlighting scheme as:' Please enter a name for the highlighting scheme. From this view previously saved highlighting schemes can be loaded. Choose the scheme from the dropdown menu and click 'Load'. Saved highlighting schemes can also be deleted from this page by choosing the 'Delete' option.

Folder Highlighting will continue to be applied unless cancelled by clicking on 'Cancel' via the Full text view which appears against the words 'Advanced Highlighting'.

Please note that when a folder is opened the last highlighting scheme used with that folder is automatically applied. Also note that when a private folder is shared the folder highlighting will also be transferred.

Search folder

Use 'search folder', found on the top of the screen towards the right hand side, to search added notes and information included in the families within a folder. In this example the folder 'recycling' is open and therefore the one being searched.



Within 'search folder' there are two tabs to choose from: 'Search notes in folder' and 'Search information within the folder'. 'Search notes in folder' searches any notes that have been added to individual records within a folder. Boolean operators can be used. In the example below searching the keyword 'alert' in the folder 'recycling' has returned two hits. To view detailed information about one of these families click on the hyperlinked family number, e.g. 48908375. These two results can also be added to the Search history by clicking on 'Add results to history'.



'Search information within the folder' enables searches of full text, assignee, inventor, publication number, publication dates (including date ranges) and family numbers within an open folder. Enter the criteria you wish to search and click 'Search'. Like with 'Search notes in folder' Boolean operators can be used and similarly like with 'Search notes in folder' in order to view detailed information about one of your results click on the hyperlinked family number.

Snapshot, Visual Explorer, PatBase Analytics – Visualisation and analysis tools

View snapshot

The 'view snapshot' analysis tool is available within a folder. Please click on the snapshot button at the top of the screen to enter the tool. Folder snapshot works on a sample of 2,500 results. For further details refer to [Snapshot](#).

Visual explorer

'Visual explorer' is available within a folder. Visual explorer provides a breakdown of the most common keywords, assignees, international classifications and cooperative classifications. Visual explorer running within a folder analyses the first 2,000 records. For further information, visit [Visual explorer](#).

PatBase Analytics

PatBase Analytics is available in a folder. Analytics allows in depth analysis of the records. For further information refer to [PatBase Analytics](#).

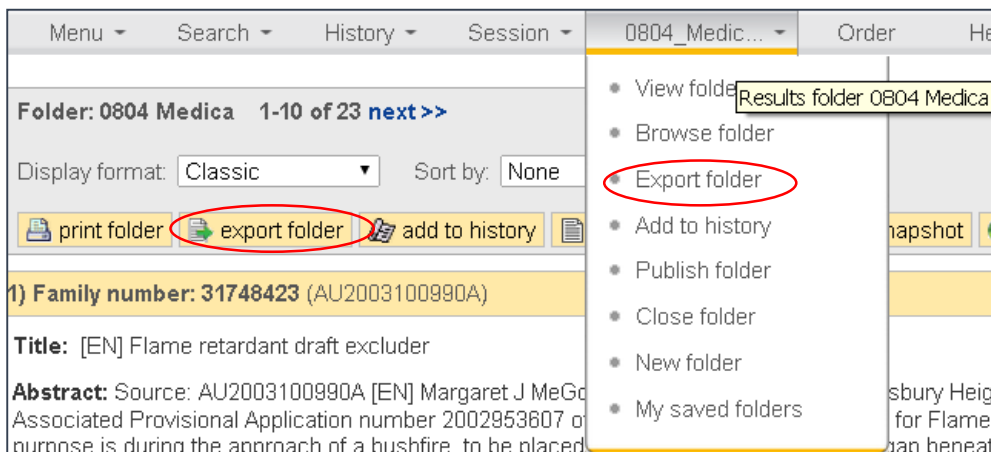
Print folder, Export folder, Publish folder – Print and export options

Print folder

The 'print folder' option found on the top left of the screen enables you to print all or select pages of your folder. Keeping / discarding the headers and footers and keeping / discarding any background colours or images are options.

Export folder

A folder can be exported by opening it and either clicking on the 'export folder' option found on the top left hand side or from the 'Export folder' option listed under the name of the open folder displayed in the toolbar.



Users can select the file format from a large number of options, including many third party providers such as BizInt Smart Charts or Search Technology's VantagePoint. Please note that if you wish to use a third party provider's tool you must have a subscription to their product.

Select a type of display, e.g. Classic, Custom. Folder Description, Family Notes and/or Family Ranking can be included in the export by checking the appropriate boxes. 'Folder Description' is not included when exporting to 'other formats (CSV, XML, Excel, HTML Table)'. Note also that 'Include search history' is only available when exporting search results and not when exporting records which are in a folder.

By default all records in a folder will be exported, however this can be changed using the 'Records to export' option where a range can be entered. For example, records 'From' 1 to 'To' 25.

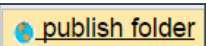
Click 'Export' and wait for the system to return a link to the exported file (this may take a few minutes). Right click on the link and select 'Save target as' to save the file.

Offline export

Please note that PatBase will automatically switch to **offline export** if the number of documents to be exported exceeds 100 for a standard export or 50 for a CSV publication export. Offline export was implemented as a time-saver as it allows other tasks to be worked on whilst the export takes place. Links to the offline export will be sent via email. Users can also access recent offline exports directly from PatBase itself by clicking on 'View my recent exports' listed under Menu in the toolbar or under 'My items' on the main menu page.

Limits of downloads, in line with Minesoft's fair use policy, stand at 10,000/day/User ID or 30,000/month/User ID.

Publish a folder

You can share a results folder with colleagues, including non-PatBase users, by going to the 'publish folder' link  found at the top right hand side of the screen. 'Publish folder' sends a link via email to your selected recipients, who can then view the folder contents including any description, notes, ranking and custom user fields (as selected). If emailing from within PatBase multiple email addresses can be entered. Separate the email addresses with a semi-colon. There is no limit on the number of email recipients for 'publish folder'. The email contains a link to the folder records which will remain active for 6 months.

NOTE: *If your company mail server does not permit an email originating from an external mail server to be delivered to your colleague using your own email address, please replace the 'email from' address with info@minesoft.com.*

PRINTING

Print search results

Users can print search results from the 'View', 'Browse' or 'Hits' modes.

Print records from 'View', 'Browse' or 'Hits' modes


To print individual records click the printer icon found at the top right hand side of the family bar in each record.

In 'View mode' to print all listed records (i.e. the records currently shown on that page), click the printer icon found at the top of the page next to the display format options. In any display, (View, Browse or Hits) it is NOT recommended to use the 'File' and 'Print' options on the computer menu as this will not print the full width of the record. To print more records than are shown on the page, see the options below.

Whilst using 'View mode' if the number of records required to be printed is 50 or less, the user can pre-set the required amount of records in Display & search options found under Settings on the main menu page. The maximum number of records that can be pre-set for display on one page is 50.

To print more than 50 records at once or to print more than one record at a time using 'View mode', 'Browse mode' or 'Hits mode', it is necessary to use command language.

Print records using the command line

Command line: <input type="text" value="PRT CLA 1-84"/>	 Search
---	--

The above would print in classic format records 1 to 84.

Other display commands such as BIB (Biblio.) and SC (Scan) can be used. These formats will print numerous records on one page. CLA (Classic), FU (full) and CUS (Custom) will print one record per page. Visit [Display formats](#) for a full list of command line display options.

NOTE: *Dependent on individual printer memory the number of records that can be printed at once may be limited.*

Print with highlighted keyword(s)

Users can print records with their highlighted keywords if required. Before printing with highlighting it may be necessary to activate this feature on the PC, as by default it is switched off. It can be activated by going to Tools on the PC menu, Internet options and then choosing the 'Advanced' tab and checking 'Print background colours and images'.

Print from a PatBase folder

Printing from a PatBase folder is similar to printing a PatBase record. To print one record from a PatBase folder click on the print icon on the top right hand side of the record. To print all records from a results folder, click on the print icon at the top of the page.

CONTACT HELPDESK

Users can send support requests directly to the PatBase helpdesk whilst connected to PatBase. To do this go to the main menu page and on the right hand column under 'General information' choose 'Contact helpdesk'.

Contact Helpdesk

Your Email:

Your Telephone:

Your Name:

Nature of query:

- Search language
- Display and highlighting
- Exporting Data
- Report missing or incorrect data
- Corporate tree feedback
- All other inquiries

Please describe your request:

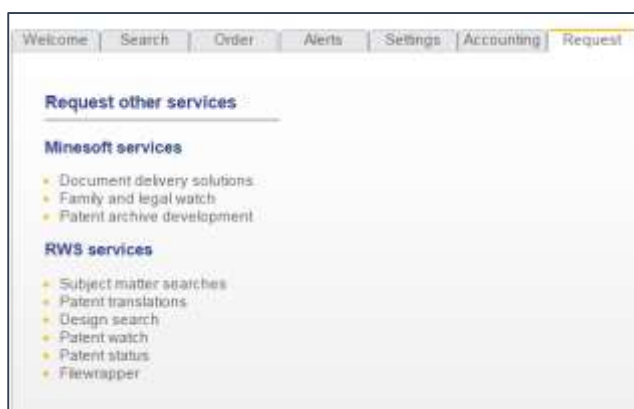
or alternatively contact support@minesoft.com.

Enter your email address, telephone number and name and select the nature of your query. Selecting the nature of the query helps Minesoft to direct your question / issue to the right team. Please include as much detail in the request as you can.

Request other services

From the main menu page the 'Request' tab provides links to additional services provided by Minesoft Ltd and, their partner in the development of PatBase, RWS Group.

NOTE: *These services will incur additional charges.*



MINESOFT CONTACT INFORMATION

Minesoft are always happy to receive feedback about PatBase or any other of their products. Visit www.minesoft.com for further information about Minesoft's IP product portfolio.

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