# A *Quick* Guide to PatBase

| Function | Description | Example |
|---|---|---|
| **Boolean operators** | **AND / AND=**[range of search statements/sets] <br><br> **OR / OR=**[range of search statements/sets] <br><br> **NOT** | engine **and** gear / and=5:9 <br><br> engine **or** motor / or=5:9 <br><br> engine **not** gear |
| **Proximity operators** | **Wn** (within n words of each other) <br> **WFn** (within n words, in this order i.e. forward) <br> **near** (near each other, within 5 words i.e w5) <br> **W1** (adjacent, in either order) <br> **SPACE** (adjacent, in this order) <br><br> *When using more than one proximity operator in one statement use nesting. To retrieve words in succession increase value of proximity operator* | golf **w3** glove <br> drive **wf3** train <br> top **near** hat <br> motor **w1** engine <br> motor engine <br><br> ((polymerase **wf4** chain) **wf5** reaction) |
| **Truncation symbols** | **\*** Unlimited right hand truncation <br> **?** Exactly one character <br> **%** One or Zero Characters <br> **~** Stemming <br> **#** Same as ~ | Burn* finds  burn, burnt, burning etc <br> ear**?** finds ears, earn etc <br> engine**%** finds engine, engines etc <br> apply**~** finds applying, applies etc |
| **Checking for field presence** | field=yes or field=no <br> *Available for the following fields:* <br> *ab, ic, cpc, ec, uc, ic8, ica, icc* | AB=no <br> EC=yes |
| **Searching text fields** | **AB**  Abstract <br> **\*CL**  Claims <br> **\*CLCC**  Claims for specific country <br> **\*DSC**  Description <br> **EX**  Example <br> **\*FT**  Full text <br> **\*FTCC**  Full text for specific country <br> **\*TA**  Title or Abstract <br> **\*TAC**  Title, Abstract or claims <br> **TI**  Title <br> **SP**  Same Paragraph within available Full-text <br> **SP**  command is dependent on the data from source being indexed correctly <br><br> *These commands can also be used as s-commands, whereby the keywords are found within the same publication, e.g. SCL=(engine and gear) | **AB**=laser <br> **CL**=(engine and gear) <br> **CLUS**=(engine and gear) <br> **DSC**=(green tea) <br> **EX**=(Hydrogen) <br> **FT**=iron <br> **FTEP**=(water and purification) <br> **TA**=crane% <br> **TAC**=(laser w2 dis?) <br> **TI**=(power and line) <br> **SP**=(power and line) |
| **Searching text fields for a specific country** | **STACC**  Title or Abstract for a specific country <br><br> **STACCC**  Title, Abstract or Claims for a specific country <br><br> **SDSCCC**  Description for a specific country | **STAUS**=(rotor* and drill) <br><br> **STACEP**=(manual wf2 mechanis*) <br><br> **SDSCWO**=(piperazine and anxiety) |

| Searching for Names | PA | Patent Assignee | **PA**=Siemens |
|---|---|---|---|
| | PAE | Exact Patent Assignee (across standardized PA) | **PAE**=(General Electric) |
| | PAX | Exact Patent Assignee (across standardized and non-standardized PA) | **PAX**=(Colgate) |
| | PPA* | Probable Assignee | **PPA**=(Intel) |
| | INV | Inventor | **INV**=(Stappbernhard) |
| | INE | Exact Inventor | **INE**=(James Watt) |
| | AG | Patent Agent | **AG**=(Marks and Clerk) |
| | *The PPA search, using an algorithm, determines the most Probable Assignee for a specific family. Frequently this is the latest PA added.* | | |
| Searching for Numbers & Citations | AP | Application number | **AP**=US19980131185 |
| | FN | Family number | **FN=**14007271 |
| | PN | Publication number | **PN**=US4500001 |
| | PR | Priority number | **PR**=DE20000021103 |
| | CT | Cited patent | **CT=**DE19646559 |
| | CTF | Forward citations on a set number | **CTF** 5 (5 is the set number) |
| | CTB | Backward citations on a set number | **CTB** 3 (3 is the set number) |
| | NCTF | Number of forward citations in a family | **NCTF>5** |
| | NCTB | Number of backward citations in a family | **NCTB<7** |
| Merging extended families | EFM | Merge extended families in a set number | **EFM 7** (7 is the set number) |
| Searching for non-Latin Assignees and Inventors | PANL | Non-Latin Patent Assignee | **PANL**=(刘志成) |
| | INVNL | Non-Latin Inventor | **INVNL**= (アシフ) |
| | *Both can be searched in Japanese, Chinese, Korean, Thai and Russian.* | | |
| Searching Design patents | DESIGN | Retrieve families with a Design patentFamilies with a Design patent from specified country | **DESIGN**=yes  **DESIGN**=(US) and TAC=(bag) |
| Date searching | YYYY YYYYMM YYYYMMDD | | Use 4-digit year code |
| | APD | Application date | **APD**>20091102 |
| | ADCC | Application date for a specific country | **ADEP**=2010 |
| | PD | Publication date | **PD**=1999 |
| | PDCC | Publication date for a specific country | **PDUS**>19991231 |
| | EPD | Earliest publication date in the family | **EPD**=1990 |
| | LPD | Latest publication date in the family | **LPD**=2009 |
| | EPR | Earliest priority date in the family | **EPR**>199901 |
| | LPR | Latest priority date in the family | **LPR**<19801201 |
| | PRD | Priority date | **PRD**=1993 |
| Date ranging | PD=YYYYMMDD:YYYYMMDD | | **pd**=1999:2001 |
| | PD> PD< | | **pd**>2000  **pd**<197604 |

| | | |
|---|---|---|
| **Publication Country and date** | **CCD** (Country code, first kind code letter & date)<br>**PDCC** (Publication date for a specific country) | **CCD**=USB200301<br><br>**PDUS**=199912 |
| **Country and publication codes** | **CC** Publication country<br>**PRC** Priority country<br>**DS** Designated states<br>**KD** Kind code<br>**NC** Number of countries in family<br>**NP** Number of publications in family | **CC**=GB<br>**PRC**=DE<br>**DS**=FR<br>**KD**=EPB*<br>**NC**>5<br>**NP**=5 |
| **Searching Classifications** | **IC** International (IPC 1-9)<br>**EC** European (ECLA)<br>**UC** US Classification (USPC)<br>**JCI** Japanese File Index Terms (FI)<br>**JCT** Japanese F-Terms<br>**JCF** Japanese Facets<br>**LC** Locarno Classification<br>**GC** German Classification<br>**SC** Super class (All classification systems)<br>**CPC** Cooperative Patent Classification | **IC**=F02C7/20<br>**EC**=H01R13/512<br>**UC**=356/364<br>**JCI**=G06F9/00/320/A<br>**JCF**=5F033/MM30<br> **JCT**=2H091/FA14/X<br>**LC**=21/23<br>**GC**=B21D11/00<br>**SC**=(G01S15/89 or 261/20)<br>**CPC**= B02C1/025 |
| **Searching FDA (US Food and Drug Administration) data** | **FDA**=yes<br><br>**FDA**=(drug proprietary name or active ingredient or application number or pharmaceutical applicant names) | **FDA**=yes<br>**FDA**=Colchicine<br>**FDA**=204153 |
| **Displaying record sets using the command line** | **L** or **V**<br>**B**<br>**L**(set number) (format) (record range)<br>**V**(set number) (format) (record range)<br>**B**(set number) (format) (record range)<br><br>*Use the pull down menu whilst viewing or browsing results to change the display format on the fly* | Displays last set results using default settings in list view<br><br>Displays last set results using default settings in Browse view<br><br>**L S3 sc 3-5** (display in list view set 3 records 3-5 in scan format)<br><br>**V S3 cla 3-5** (display in list view set 3 records 3-5 in classic format)<br><br> **B S3 fu 3-5** (display in Browse view set 3 records 3-5 in full format) |
| **Using update codes** | **YYWW YY**=2 digit year **WW**=2 digit week<br>**UP** (new families added for a given week)<br>**UE** (new families and new equivalents added)<br>**UECC** (new families and equivalents for given country code in that week) | **UP**=0926<br>**UE**=0926<br>**UE**=0926US<br>**UP**=0920:0926 |
| **Display the current update week** | View the latest update week by clicking on "Last Update" from the right hand side of the Main Menu Page. | |
| **Saving a search** | Click on 'more' next to the search query =>'save search' | |
| **Saving a history** | Mouse over History in the floating tool bar =>'Save search history' | |
| **Saving records to a folder** | In the history click on 'more'=>'add to results folder' (saves records from a given set in a folder) | |

# PatBase

| Executing Saved Histories, Searches and Folders from the command line | **RF** (Private folder name) <br> **SF** (Shared folder name) <br> **SS** (Saved search name) <br> *It is possible to combine with other search terms* | **RF**=(A_Folder) and ab=engine <br><br> **SF**=(A_Folder) and ab=gear <br><br> **SS**=(A_search) and ab=protein |
|---|---|---|
| **Command line shortcuts** | **H** Show history <br> **E** Erase history <br> *(NB This will erase all your previous searches)* <br><br> **M** Show main menu <br> **U** Undo last search <br> **A** Statistical Analysis | **H** <br> **E** <br><br><br> **M** <br> **U** <br> **A** |
| **Annotating the search history** | //Add a new comment <br> \\Add a new comment | // This is a comment <br> \\ This is a comment |
| **Legal Status search** | **Grant** Retrieve families with a granted publication <br><br> Retrieve families with a grant from specified country | **Grant=yes** <br><br> **Grant=US** |
| **Legal Status Event Groups** | **LSAS:** Reassignment <br> **LSDW:** Deemed withdrawn/Abandoned/Cancelled <br> **LSES:** Examined/Supplementary Search report issued <br> **LSFE:** Renewal Fees Paid <br> **LSGT:** Granted/Extended (Supplementary Protection Certificate) <br> **LSLE:** Lapsed/Expired/Ceased/Dead <br> **LSLI:** License <br> **LSNE:** Non-Entry into National Phase <br> **LSNP:** National Phase Entry <br> **LSOP:** Opposition/Filed/Request for revocation/Annulment <br> **LSPB:** Published <br> **LSRE:** Restored/Reinstated/Amended/Partially Amended <br> **LSRV:** Revoked/Rejected/ Annulled/Invalid <br> **LSWD:** Withdrawn/Abandoned/Cancelled/ Surrendered/Suspended/Terminated/Void | **PRS=LSFE** <br><br> With country: **PRS=(EP_LSFE)** <br> With date and country: <br> **PRS=(EP_LSFE/201312)** |

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