DERWENT WORLD PATENTS INDEX FIRST VIEW℠

STN user guide

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THOMSON

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Contents

Derwent World Patents Index First View℠

Derwent World Patents Index First View (DWPI First View℠) is the fast-alerting companion file to Derwent World Patents Index (DWPI) containing previews of newly published patent documents in advance of their inclusion in DWPI. Searching both files together will maximize retrieval and ensure a complete overview of activity for the patent issuing authorities covered by Thomson Scientific.

DWPI First View is created by:

- Identifying all patent documents which have been added to the DWPI production system but have not yet been released into DWPI
- Extracting bibliographic information for these work-in-progress documents immediately after the DWPI patent family equivalency search
- Adding author text data (e.g. title, abstract, main claim) where available for some patent-issuing authorities. (N.B. Equivalent patent records may contain some Thomson Scientific value-add data)
- Including technical drawings where possible
- Releasing these work-in-progress records into DWPI First View

DWPI First View is accessible on STN by entering the FILE command followed by the file name WPIFV after the '=>' STN prompt

e.g. `=> FILE WPIFV`

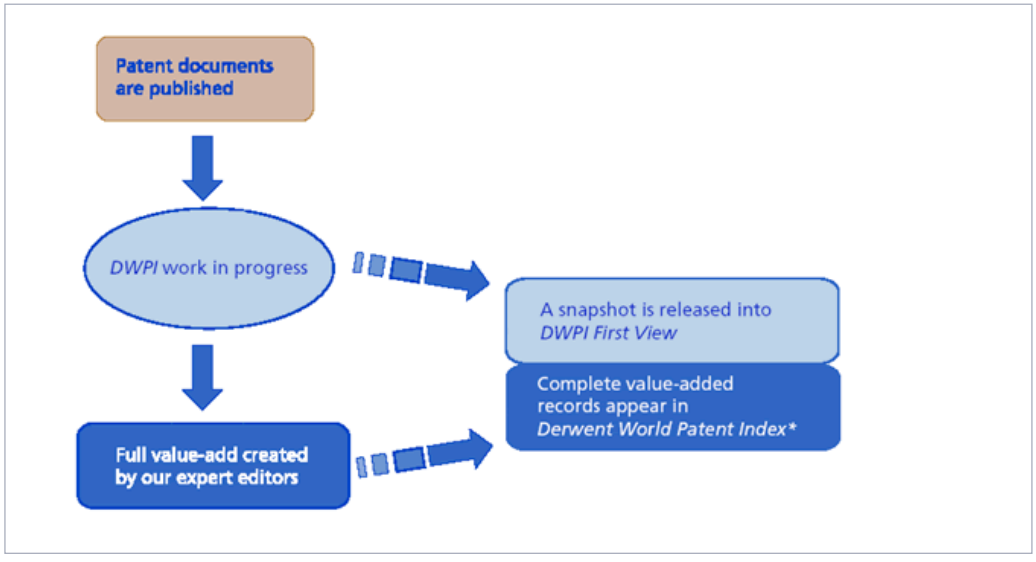
Relationship between DWPI First View and DWPI

DWPI First View is a patent-based database; DWPI is family-based.

However records in DWPI First View are identified as either Basic or Equivalent (including Equivalent-Treat-As-Basic and Non-Conventional Equivalent). Equivalent records show the corresponding Basic patent number.

DWPI First View is a rolling file. This means that records only remain in the database until all the value-add has been completed. Once this is completed the DWPI First View record is promoted into DWPI.

This can depicted as follows:



Content of DWPI First View

The country coverage of DWPI First View is the same as DWPI.

DWPI First View will contain both Basic and Equivalent records based on the following criteria:

- DWPI First View contains all Basic patents not yet added to the main DWPI file. The DWPI First View Basic record is usually based on original author content as the full value-added Thomson Scientific data is not generally available at that time.
- DWPI First View contains Equivalent patents in all cases where the corresponding Basic has not yet been released into DWPI. This happens when the Equivalent is published soon after the Basic and so the value-added Basic record has not yet been created for DWPI. In most cases, the DWPI First View Equivalent record is based on original author content. Occasionally, some work-in-progress value-add data like a Thomson Scientific title is present instead of author text data.
- DWPI First View also contains a number of Equivalent patents where the corresponding Basic has already been added to DWPI. These reflect the ongoing work-in-progress carried out in the time period between creation of an update for the main DWPI file, and creation of the corresponding DWPI First View update. As these work-in-progress Equivalent patents are not available in time for inclusion in a DWPI update, they are picked up in the corresponding DWPI First View update instead. As a result, they may often contain a Thomson Scientific value-added title or abstract instead of author text data. These Equivalent patent records will typically remain in DWPI First View for the duration of one update only, moving to the main DWPI file in the next update.

Sample records

A DWPI First View Basic record with Original Author content:

L1 ANSWER 1 OF 736 WPIFV COPYRIGHT 2004 THOMSON DERWENT on STN

STN Assigned Accession Number

ACCESSION NUMBER: 2004-0707018 WPIFV

TITLE: Method for TIG welding aluminium or stainless steel

Author Title

INVENTOR(S): ROMIH J (BE)

PATENT ASSIGNEE(S): (ROMI-I) ROMIH J (BE)

PATENT INFORMATION: EP-----1428607 A1 20040616 English B

R: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

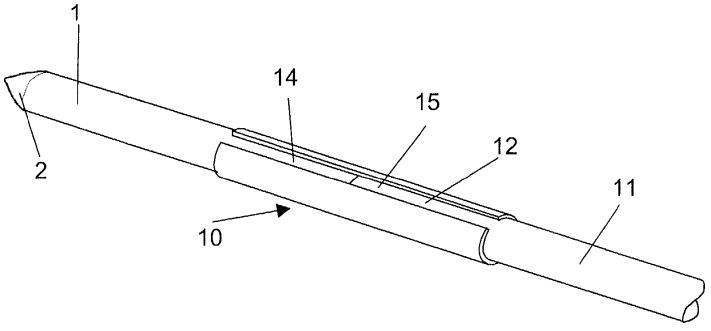
APPLICATION. INFO: 2003EP-0077370 20030728

PATENT PRIORITY APPLN. INFO: 2002BE-0000458 20020726

INT. PATENT CLASSIF.:

MAIN: B23K-009-28

Thomson Scientific Standardized Bibliographic Information



SUMMARY LANGUAGE: English

Summary Language (Language of content)

ABSTRACT:

AUTHOR ABSTRACT

Author Abstract

The invention concerns a method for welding aluminium or aluminium alloys whereby an electric arc (3) is formed between the material to be welded and an electrode (5), which arc (3) is shielded from the ambient air by means of an inert gas, whereas one of the far ends (2) of a first welding rod (1) is brought in this electric arc (3), or in its proximity, such that this welding rod (1) gradually melts via said far end (2) so as to form a welding seam (13), whereby, before said welding rod (1) has melted entirely, the other far end (14) thereof is connected to a far end (15) of a second aluminium welding rod by means of a connecting clement (10) which is also made of aluminium or an aluminium alloy, whereby said first welding rod (1) is then gradually melted further via the first-mentioned far end (2) while forming said welding seam, such that it is used up entirely. (embedded image here)

MAIN CLAIM:	Method for welding a work piece (4) made of a metal alloy, whereby an electric arc (3) is formed between the material to be welded and an electrode (5), which arc (3) is shielded from the ambient air by means of an inert gas, whereas one of the far ends (2) of a first welding rod (1) is brought in this electric arc (3), or in its proximity, such that this welding rod (1) gradually melts via said far end (2) in order to form a welding seam (13), before said welding rod (1) has melted entirely, the other far end (14) thereof is connected to a far end (15) of a second welding rod (11) by means of a connecting element (10), whereby said first welding rod (1) is then gradually melted further via the first-mentioned far end (2) when forming said welding seam (13), such that this welding rod (1) is used up entirely.
FILE SEGMENT:	Original
FIELD AVAILABILITY:	AB; ALE; MCLM; PRAI; TI
ENTRY DATE:	20040622

Main Claim

File Segment

A DWPI First View Equivalent record with Thomson Scientific value-add title and abstract:

L1 ANSWER 1 OF 728 WPIFV COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: 2004-0709508 WPIFV

STN Assigned Accession Number

TITLE: Earth roller is fitted with scrapers attached to roller beam by arms with inverted U-shaped mountings at their lower ends, scrapers having corresponding contour

Author Title

INVENTOR(S): REINKE W

PATENT ASSIGNEE(S): (DREY) AMAZONEN-WERKE DREYER GMBH H (DE)

PATENT INFORMATION: DE----10256061 A1 20040617 German E

PATENT INFORMATION (BASIC): EP-----1423998 A1

APPLICATION. INFO: 2002DE-1056061 20021130

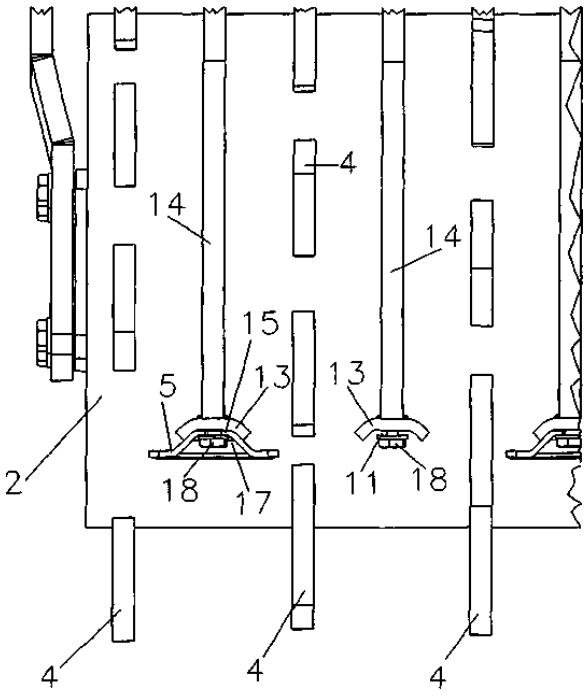
PATENT INFORMATION (BASIC): 2002DE-1056061 20021130

INT. PATENT CLASSIF.:

MAIN: A01B-029-04

SECONDARY: A01B-029-06

Thomson Scientific Standardized Bibliographic Information



SUMMARY LANGUAGE: English

ABSTRACT: DERWENT ABSTRACT

Summary Language (Language of content)

Thomson Scientific Value-Add Abstract

NOVELTY - The earth roller is fitted with scrapers (5) attached to the roller beam by arms (14). These have inverted U-shaped mountings (13) at their lower ends and the scrapers have a corresponding contour (15)

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for the scraper.
USE - Earth roller.
DESCRIPTION OF DRAWING - The drawing shows a side view of the roller.
(5) Scraper
(11) Bolt
(13) Mountings on arms
(14) Support arms for scrapers
(15) Shaped section of scraper

File Segment

FILE SEGMENT: Derwent
FIELD AVAILABILITY: AB; DETD; DRWD; ICS; NOV; PRAI; TI; USE
ENTRY DATE: 20040622

Search and Display Fields

The philosophy of the DWPI First View file design is to ensure that the search process is identical for fields that are present in both DWPI and DWPI First View for ease of cross-file searching.

Search strategies optimised for DWPI, which include search fields not present in DWPI First View, may not be supported in a cross-file search environment. However, these are largely limited to the Thomson Scientific proprietary indexing and extended abstract fields within DWPI.

The following fields are common to both DWPI First View and DWPI and should be searched as described in the relevant sections of the DWPI STN online user guide:

Application Country	/AC
Application Date	/AD
Application Number	/AP
Application Year	/AY
Designated State	/DS
Filing Details	/FDT
IPC	/IC, /ICM, /ICS, /ICA, /ICI, /SGR, /MGR
Patent Assignee	/PA
Patent Assignee Code	/PACO
Patent Number	/PN (See also DWPI First View section for details of PN.B and PN.P indexing)
Priority Country	/PRC
Priority Date	/PRD
Priority Date First	/PRDF
Priority Number	/PRN
Priority Year	/PRY
Priority Year First	/PRYF
Publication Date	/PD (Only available for the document to which the DWPI First View record refers. Not available for the Basic Patent Number referenced in DWPI First View Equivalent records).
Publication Year	/PY

A Derwent Update (DW) field is available (synonym DUPD) within DWPI First View but this refers to the DWPI First View update containing the record and will not be the same as the Derwent Update assigned to the record when it enters DWPI. As records are promoted from DWPI First View into DWPI at different rates there will be a corresponding decrease in the number of records associated with various DW/DUPDs within DWPI First View.

A comparison between DWPI First View and DWPI at the field level is summarised in Appendix A.

Fields which are unique to DWPI First View or which differ from their DWPI counterparts are described in more detail below.

Accession Number

Qualifier	
Search Qualifier	/AN
Display Qualifier	AN
Analyze Qualifier	AN
Select Qualifier	AN
Sort Qualifier	AN

Content

The DWPI First View accession number is an alphanumeric identifier assigned by STN to a record when it is added to the database. It is NOT the same as the DWPI Primary Accession number which is only assigned when the record enters DWPI. At this point the DWPI First View accession number is also deleted.

Each DWPI First View accession number comprises a four-digit year element and a seven digit serial. Each year numbering begins at 0000001 with the new year prefix.

As records are promoted to DWPI in various timescales there will not be a concurrent range of accession numbers in DWPI First View.

Searching

DWPI First View accession numbers can be searched in the format YYYY-NNNNNNN

```
=>  S  2004-0002143/AN
L9              1 2004-0002143/AN

=> D AN

L9       ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
AN       2004-0002143    WPIFV
```

Basic Index

Qualifier	
Search Qualifier	/BI or none
Display Qualifier	TI, AB, NOV, DETD, MCLM, TECH, ACTN, USE, ADV, UADV, DRWD
Analyze Qualifier	-
Select Qualifier	-
Sort Qualifier	-

Content

The Basic Index gathers all subject words into one category and permits general subject searching without the necessity of using search qualifiers.

It contains single words from the following fields which can be combined with Boolean and/or STN proximity operators; (W) proximity is implied if no operator is input:

Field Label	Field Description	Data Source
TI	Title	Original or Value-Add
AB	Abstract	Original or Value-Add
MCLM	Main Claim	Original
NOV	Novelty	Value-Add
DETD	Detailed Description	Value-Add
TECH	Technology Focus	Value-Add
ACTN	Mechanism of Action	Value-Add
USE	Use Section	Value-Add
UADV	Use/Advantage	Value-Add
ADV	Advantage	Value-Add
DRWD	Drawing Description	Value-Add

Approximately 80-90% of records will include one or more of the above fields and so may be searched using the Basic Index. Records without one of the above fields will comprise bibliographic details only which are searchable using the relevant field qualifiers. These include IPCs, publication date, patent number, application and priority information, patent assignee and inventors.

Records in DWPI First View comprise either original author data or Thomson Scientific value-add data. The table above also illustrates the data source for fields which make up the Basic Index. Records will NOT contain a mixture of original author and Thomson Scientific value-add data fields.

It is possible to restrict searches based on data source using the File Segment (/FS). Records containing author data are indexed as “Original” in the File Segment. Records containing Thomson Scientific value-add data are indexed as “Derwent” in the File Segment with the exception of Machine-Assisted-Translation Japanese records which are indexed as “MAT” in the File Segment.

The Basic Index may contain non-English text as original author data may be also be provided in German or French. It is possible to restrict searches to a preferred language using the Summary Language field (both code and text).

Searching

Both left and right truncation are enabled in the Basic Index e.g.

```
=>  S  ?COMPUTER?
L1           2770  ?COMPUTER?
```

In addition both SET ABBREVIATION and SET PLURALS can be enabled within DWPI First View.

Abstract

Qualifiers	
Search Qualifier	/BI, /AB
Display Qualifier	AB, NOV, DETD, TECH, ACTN, USE, UADV, ADV, DRWD, ALE
Analyze Qualifier	AB
Select Qualifier	AB
Sort Qualifier	-

Content

Abstract text may be provided in English, German or French as outlined below. It is also possible to restrict searches to a preferred language using the Summary Language field (both code and text).

Author Abstracts:

An English language author abstract or English language translation of the author abstract is supplied for EP and WO documents.

If no English language translation of the author abstract is available for French or German language EP documents then the original language is supplied instead.

An English language author abstract is supplied for US, GB and AU documents.

An English language translation of the author abstract is supplied for CN, JP, KR, TW and RU documents.

A German language author abstract is supplied for DE documents.

Irrespective of the source the author abstract is displayed as a single section.

Thomson Scientific value-add Abstracts:

Thomson Scientific value-add abstract data inherited from the Basic record may be present for Equivalent records.

For data sourced from newer Basic records (post 1999) this Thomson Scientific value-add abstract may constitute a number of the following optional sections:

NOV	Novelty
DETD	Detailed Description
TECH	Technology Focus
ACTN	Mechanism of Action
USE	Use Section
UADV	Use/Advantage
ADV	Advantage
DRWD	Drawing Description

For data sourced from older Basic records (pre-1999) this Thomson Scientific value-add abstract may contain an abstract text section termed the Alerting Abstract, First Section (ALE) with a Use (USE), Use/Advantage (UADV) or Advantage (ADV) section.

Thomson Scientific value-add abstract data may also be present for Basic records if it is available at the time the record enters DWPI First View.

Searching

Using the AB qualifier will automatically search all text in the Author abstract and both versions of the Thomson Scientific value-add abstract (including all constituent sub-sections) removing the need to know exactly which data sections are available for a particular record.

The AB display qualifier works in the same way so that it will either display the author abstract or Thomson Scientific value-add abstracts depending on the data available for the record.

As the NOV, DETD, TECH, ACTN, USE, UADV, ADV, DRWD and ALE Thomson Scientific value-add abstract sections have also been indexed separately, it is of course possible to restrict searches and displays to these specific fields if required.

The AB qualifier does not search or display data in the TI (Title) or MCLM (Main Claim) fields.

Both left and right truncation are enabled in the AB, ADV, ALE, DETD, NOV, UADV, TECH, ACTN and USE fields.

It is possible to restrict searches to a preferred source (e.g. Original, MAT or Derwent) using the File Segment field.

It is also possible to restrict searches to a preferred language using the Summary Language field (both code and text).

Agent (Attorney)

Qualifiers

Search Qualifier	/AG, /AGA, /AGA.CTY, /AGA.CNY, /AGA.ZIP, /AGA.ST
Display Qualifier	AG
Analyze Qualifier	AG, AGA, AGA.CTY, AGA.CNY, AGA.ZIP, AGA.ST
Select Qualifier	AG, AGA, AGA.CTY, AGA.CNY, AGA.ZIP, AGA.ST
Sort Qualifier	AG, AGA, AGA.CTY, AGA.CNY, AGA.ZIP, AGA.ST

Content

Agent information (both name and address where available) is provided for US documents in the AG field.

Searching

Agent information can be searched as complete (bound) phrases or single words.

```
=>  S  ALFRED/AG
L1            13 ALFRED/AG

=>  D  AG

L1    ANSWER  1  OF  13   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
AG    Alfred  D.  Lobo,  Esq.
      LOBO  &  CO.,  L.P.A.
      933  The  Leader  Building  526  Superior  Avenue,  Cleveland,  OH
      44114-1401  US

=>  S  ALFRED  D.  LOBO,  ESQ./AG
L2             1 ALFRED D. LOBO, ESQ./AG

=>  D  AG

L2    ANSWER  1  OF  1   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
AG    Alfred D. Lobo, Esq.
      LOBO  &  CO.,  L.P.A.
      933  The  Leader  Building  526  Superior  Avenue,  Cleveland,  OH
      44114-1401  US
```

Agent address information is indexed separately in the Agent Address (AGA), Agent Address, City (AGA.CTY), Agent Address, Country (AGA.CNY), Agent Address, Postal Code (AGA.ZIP) and Agent Address, State (AGA.ST) fields.

```
=>  S  CLEVELAND/AGA.CTY
L3            152 CLEVELAND/AGA.CTY

=> D AG

L3    ANSWER 1 OF 152   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
AG    Mark D. Saralino
      Renner, Otto, Boisselle & Sklar, LLP
      1621 Eucid Avenue, Nineteenth Floor , Cleveland, OH
      44115-2191 US

=>  S  OH/AGA.ST
L4            373 OH/AGA.ST

=> D AG

L4    ANSWER 1 OF 373   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
AG    TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
      526 SUPERIOR AVENUE, SUITE 1111 , CLEVEVLAND, OH 44114 US
```

Inventor and Inventor Country

Qualifiers	
Search Qualifier	/IN (Synonym /AU), IN.CNY
Display Qualifier	IN, AU
Analyze Qualifier	IN, AU, IN.CNY
Select Qualifier	IN, AU, IN.CNY
Sort Qualifier	IN, AU, IN.CNY

Content

Inventor names are included for all countries except for Japanese Basics and Equivalents.

Where available the country of the inventor is also indexed separately in the IN.CNY field.

Searching

Inventor names are searched as complete (bound) phrases in the inverted format:

S Surname A B C/IN

Where Surname = family name
A B C = initials (with spaces)

It is possible to truncate a name immediately after the family name when initials are not known.

```
=> S HELFER J L/IN
L1            1 HELFER J L/IN

=> D IN

L5    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
IN    HELFER J L; GRAY R W; WEINER M L

=> S HELFER?/IN
L6            1 HELFER?/IN

=> S DE/IN.CNY
L7         1528 DE/IN.CNY

=> D IN

L7    ANSWER 1 OF 1528   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
IN    GORD H (DE); HAMMER K (DE); NEEFF R (DE);
      BERGHOF K (DE); EILERS M (DE); TAEGER E (DE)
```

Inventor Full Name

Qualifiers	
Search Qualifier	/INFN, /INFN.FNM, /INFN.SNM
Display Qualifier	INFN
Analyze Qualifier	INFN, INFN.FNM, INFN.SNM
Select Qualifier	INFN, INFN.FNM, INFN.SNM
Sort Qualifier	INFN, INFN.FNM, INFN.SNM

Content

Full Inventor names are provided for US documents (where available) in the INFN field.

Inventors from an INFN field are also indexed in the abbreviated "Surname A B C" format in the IN field.

Searching

Inventor Full Name information can be searched as complete (bound) phrases or single words.

```
=>  S  AMIT/INFN
L1            17 AMIT/INFN

=>  D  INFN

L1    ANSWER  1  OF  17   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
INFN  Bhakuni  Rajendra  Singh,  Lucknow  IN
      Tewari  Amit,  Lucknow  IN
      Singh  Tarun,  Lucknow  IN
      Khanuja  Suman  P.  S.,  Lucknow  IN

=>  S  TEWARI/INFN
L2             2 TEWARI/INFN

=>  D  INFN

L2    ANSWER  1  OF  2   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
INFN  Bhakuni  Rajendra  Singh,  Lucknow  IN
      Tewari  Amit,  Lucknow  IN
      Singh  Tarun,  Lucknow  IN
      Khanuja  Suman  P.  S.,  Lucknow  IN
```

```
=> S TEWARI AMIT/INFN
L6             2 TEWARI AMIT/INFN

=> D INFN

L6   ANSWER 1 OF 2   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN Bhakuni Rajendra Singh, Lucknow IN
     Tewari Amit, Lucknow IN
     Singh Tarun, Lucknow IN
     Khanuja Suman P. S., Lucknow IN
```

Searches can be restricted to Inventor Full Name, First Name (INFN.FNM), and Inventor Full Name, Surname (INFN.SNM) as required.

```
=> S JEFFREY/INFN.FNM
L10          260 JEFFREY/INFN.FNM

=> D INFN

L10  ANSWER 1 OF 260   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN Frisco Jeffrey A., Palm Bay, FL
     Keen Michael, Malabar, FL

=> S FRISCO/INFN.SNM
L11            2 FRISCO/INFN.SNM

=> D INFN

L11  ANSWER 1 OF 2   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN Frisco Jeffrey A., Palm Bay, FL
     Keen Michael, Malabar, FL
```

Full Inventor Address

Qualifiers	
Search Qualifier	/INA, /INA.CTY, /INA.CNY, /INA.ZIP, /INA.ST
Display Qualifier	INFN
Analyze Qualifier	INA, INA.CTY, INA.CNY, INA.ZIP, INA.ST
Select Qualifier	INA, INA.CTY, INA.CNY, INA.ZIP, INA.ST
Sort Qualifier	INA, INA.CTY, INA.CNY, INA.ZIP, INA.ST

Content

The full Inventor address is provided for US documents (where available) in the INFN field.

Searching

Searches can be restricted to Inventor City (INA.CTY), Country, both code and text, (INA.CNY), Postal Code (INA.ZIP) and State (INA.ST) as follows:

```
=>  S  DENNISON/INA.CTY
L1             1 DENNISON/INA.CTY

=> D INFN

L1    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN Yliniemi Hugo H., 37399 5th Avenue Way, Dennison, MN 55018

=>  S  NEW  ZEALAND/INA.CNY
L2             8 NEW ZEALAND/INA.CNY

=>  S  NZ/INA.CNY
L3              8 NZ/INA.CNY

=>  D  INFN

L3    ANSWER 1 OF 8   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN George Jeffrey, North Las Vegas, NV US
      Huang Zhiguo, Henderson, NV US
      Huber Doug, Louisville, KY US
      Pochin John-Paul, Christchurch NZ

=>  S  94708/INA.ZIP
L4              1 94708/INA.ZIP

=> D INFN

L4    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN Margulius Harry, 1012 Keith Ave.   , Berkeley, CA 94708
```

```
=>  S  OK/INA.ST
L5           42 OK/INA.ST

=>  D  INFN

L5    ANSWER 1 OF 42   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN  Hawk William D., Oklahoma City, OK US
```

Information not specifically indexed as above is indexed in the INA field.

```
=>  S  AVENUE/INA
L6            7 AVENUE/INA

L6    ANSWER 4 OF 7   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN  Feller Murray F., 21577 NW. 75th Avenue Rd., Micanopy,
      FL 32667

=>  S  (75TH(W)AVENUE)/INA
               2 75TH/INA
               7 AVENUE/INA
L7             2 (75TH(W)AVENUE)/INA

=> D  INFN

L7    ANSWER 1 OF 2   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN  Feldman Marvin J., 123 Bayside Dr.   , Clearwater, FL 33767
      Feller Murray F., 21577 NW. 75th Avenue Rd., Micanopy, FL 32667
```

File Segment

Qualifier	
Search Qualifier	/FS
Display Qualifier	FS
Analyze Qualifier	FS
Select Qualifier	FS
Sort Qualifier	FS

Content

Records are designated as “Original”, “Derwent” or “MAT” based on the source of their title and abstract. For example, an EP record with an author title and/or abstract will be indexed as “Original”. An Equivalent record which has inherited the Thomson Scientific value-add title and/or abstract from the Basic will be indexed as “Derwent”. “MAT” is assigned to Japanese records with a Machine-Assisted Translation of the author title and/or abstract.

Any records which contain neither a title nor abstract will have an empty FS.

Searching

```
=> S EP/PC AND B/PT AND ORIGINAL/FS
           4733 EP/PC
          54694 B/PT
          22274 ORIGINAL/FS
L1          1697 EP/PC AND B/PT AND ORIGINAL/FS


L1   ANSWER 1 OF 1697   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI   EP-----1393748     A1 20040303   English Basic
       R:  AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI
           LT LU LV MC MK NL PT RO SE SI SK TR
TI   Scatter factor/hepatocyte growth factor antagonist NK4 for the
     treatment of glioma
FS   Original
```

```
=> S EP/PC AND E/PT AND DERWENT/FS
          4733 EP/PC
         10748 E/PT
         16554 DERWENT/FS
L2         1937 EP/PC AND E/PT AND DERWENT/FS

=> D 1 PI, TI, FS

L2   ANSWER 1 OF 1937  WPIFV  COPYRIGHT 2004 THOMSON DERWENT on STN
PI   CN-----1488217    A  20040407  Chinese          Equivalent
PI.B EP-----1211851    A1
TI   Resource reservation and allocation improvement for
     Communication system, involves adding network traffic
     characteristic information to sender signal during
     transmission for allocation and/or reservation of resources
FS   Derwent

=> S MAT/FS
L3        18686 MAT/FS

=> D 1 PI, TI, FS

L3   ANSWER 1 OF 18686  WPIFV  COPYRIGHT 2004 THOMSON DERWENT on STN
PI   JP--2004170749    A  20040617  Japanese 20p    Basic
TI   A light deflection element, its manufacturing method, and an
     image display device
FS   MAT
```

Publication Type

Qualifier	
Search Qualifier	/PT
Display Qualifier	PT
Analyze Qualifier	PT
Select Qualifier	PT
Sort Qualifier	PT

Content

Records are designated as Basic (B), Equivalent (E), Equivalent-Treat-As-Basic (ETAB), Non-Conventional Equivalent (NCE) or as Unassigned (UA) if their status is not known when they are released into DWPI First View.

Searching

```
=> S B/PT
L1         54694 B/PT

=> D PI

L1    ANSWER 1 OF 54694   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    CN-----1488229    A   20040407   Chinese          Basic

=> S E/PT
L2         10748 E/PT

=> S ETAB/PT
L3           235 ETAB/PT

=> S NCE/PT
L4           105 NCE/PT

=> S UA/PT
L5             6 UA/PT
```

Both the FSEARCH and FSORT STN commands can be used as aids to draw together a comprehensive patent family from individual DWPI First View records.

To use the FSORT command, enter FSORT and the L-number answer set containing the patent records to be grouped. For the purposes of FSORT, a patent family is defined as follows: two patent records, A and B, are considered to be members of the same family if any patent, application, or priority number from the PN or APPS fields of record A appears in the PN or APPS field of record B.

FSEARCH automatically selects patent numbers, application numbers, and priority numbers from the PN and APPS fields, and then searches the selected numbers. The process stops when the search results of two consecutive iterations give the same number of answers. As the last automatic step, FSEARCH does an FSORT to group the records pertaining to the same invention.

```
=>  FSEARCH  US2004138501/PN

SEA  US  2004138501/PN
L1             3 US 2004138501/PN
                    (US2004138501/PN)

FSE
***  ITERATION  1  ***

SEL  L1  1-  PN,APPS
L2            SEL L1 1- PN APPS :        6 TERMS

SEA  L2
L3             3 L2

DEL  L3-  Y
FSORT  L1
L3              3 FSO L1

                1 Multi-record Family      Answers 1-3
                0 Individual Records
                0 Non-patent Records

=> D PI 1-3

L3    ANSWER 1 OF 3   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
FAMILY     1
PI    WO--2004063138    A1 20040729   German            Equivalent
           RW:   AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR
                 HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL
                 SZ TR TZ UG ZM ZW
           W:    AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO
                 CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
                 HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
                 MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU
                 SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN
                 YU ZA ZM ZW
PI.B    US--2004138501    A1

L3    ANSWER 2 OF 3   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
FAMILY     1
PI    DE----10300816    A1 20040722   German            Equivalent
PI.B  US--2004138501     A1

L3    ANSWER 3 OF 3   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
FAMILY     1
PI    US--2004138501     A1 20040715   English     Basic
```

Summary Language

Qualifier	
Search Qualifier	/SL
Display Qualifier	SL
Analyze Qualifier	SL
Select Qualifier	SL
Sort Qualifier	SL

Content

The language of the Abstract, Title and Main Claim within the DWPI First View record may be English, German or French depending on the source of the content and the patent issuing authority. It is possible to restrict searches to a preferred language using the Summary Language field (both code and text).

Searching

```
=>  S  ENGLISH/SL
L1          54711  ENGLISH/SL

=>  S  EN/SL
L2          54711  EN/SL


=>  S  GERMAN/SL
L3           2582  GERMAN/SL

=>  D  TI,  SL

L3    ANSWER  1  OF  2582   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
TI    Verfahren  zur  Bestimmung  der  B1-Feldstarke  bei  MR-Messungen
SL    German
```

Main Claim

Qualifier	
Search Qualifier	/MCLM
Display Qualifier	MCLM
Analyze Qualifier	MCLM
Select Qualifier	MCLM
Sort Qualifier	-

Content

The Main Claim is provided for US and EP documents.

For non-English language EP documents an English language translation of the Main Claim will be provided where available. If no English language translation of the Main Claim is available for French or German language EP documents, then the original language is supplied instead.

Searching

```
=>  S  COMPUTER/MCLM
L1            631 COMPUTER/MCLM

=> D PI, MCLM

L1    ANSWER 1 OF 631   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    US-----6751742    B1 20040615   English          Basic
MCLM  A method for responding to a power mode, comprising the steps
      of:
      setting a state indicator associated with a first plurality of
      computer instructions to a first state during a first period of
      time;
      setting the state indicator of the first plurality of computer
      instructions to a second state during a second period of time;
      setting a second state indicator of a second plurality of
      computer instructions to a third state;
      receiving a power mode indicator;
      executing a power mode instruction based on a response to the
      power mode indicator, wherein the response is, solely based
      upon the state indicators of the first and second plurality of
      computer instructions.
```

Both left and right truncation are enabled in the MCLM field e.g.

```
=>  S  ?COMPUTER?/MCLM
L2            665  ?COMPUTER?/MCLM
```

It is possible to restrict searches to a preferred language using the SL Summary Language field (both code and text).

National Classification (US patent classification)

Qualifiers	
Search Qualifier	/NCL, /NCLM, /NCLS
Display Qualifier	NCL
Analyze Qualifier	NCL, NCLM, NCLS
Select Qualifier	NCL, NCLM, NCLS
Sort Qualifier	NCL, NCLM, NCLS

Content

The US patent classification as given on the specification at the time of publication is provided for US documents in the NCL field. The NCL field is NOT updated if the US classification for the document is subsequently revised by the USPTO.

Searching

Both the Main and Secondary US Class are indexed in the NCL field. Searches can be restricted to the Main or Secondary US class only using either the NCLM (US Class Main) or NCLS (US Class Secondary).

```
=>  S  725009000/NCL
L1             7 725009000/NCL

=> D NCL 1-7

L1    ANSWER 1 OF 7   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
NCL   NCLM:  725013000
      NCLS:  725046000;  725086000;  725053000;  725009000

L1    ANSWER 2 OF 7   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
NCL   NCLM:  725009000
      NCLS:  725013000

=>  S  725009000/NCLM
L2             3 725009000/NCLM

=> D NCL

L2    ANSWER 1 OF 3   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
NCL   NCLM:  7250090008
      NCLS:  725013000

=>  S  725009000/NCLS
L3             4 725009000/NCLS

=> D NCL

L3    ANSWER 1 OF 4   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
NCL   NCLM:  725013000
      NCLS:  725046000;  725086000;  725053000;  725009000
```

Each US class is indexed in full and at the 3-character level to avoid the need to use extensive truncation in generic searches. For example:

```
=>  S  099534000/NCL
L4             1 099534000/NCL

=> D NCL

L4    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
NCL   NCLM:  099534000
      NCLS:  099494000

=>  S  099/NCL
L5            18 099/NCL

=> D NCL

L5    ANSWER 1 OF 18   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
NCL   NCLM:  099534000
      NCLS:  099494000

=>  S  099?/NCL
L6            18 099?/NCL
```

Title

Qualifier	
Search Qualifier	/TI
Display Qualifier	TI
Analyze Qualifier	TI
Select Qualifier	TI
Sort Qualifier	TI

Content

Author Titles:

An English language author title or English language translation of the author title is supplied for EP and WO documents.

If no English language translation of the author title is available for French or German language EP documents then the original language is supplied instead.

An English language author title is supplied for US, GB and AU documents.

An English language translation of the author title is supplied for CN, JP, KR, TW and RU documents.

A German language author title is supplied for DE documents.

Thomson Scientific value-add Titles:

A Thomson Scientific value-add title inherited from the Basic record may be present for Equivalent records. A Thomson Scientific value-add title may also be present for Basic records if it is available at the time the record enters DWPI First View.

Searching

Both left and right truncation are enabled in the Title field e.g.

```
=>  S  ?LIGHT?/TI
L1          1255 ?LIGHT?/TI

=> D TI

L1    ANSWER 1 OF 1255   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
TI    Conductive paste for rear electrode of silicon solar battery,
      comprises aluminum powder, glass frit, organic vehicle, and
      particles of organic compound and/or carbon which are
      insoluble or slightly soluble in organic vehicle
```

It is possible to restrict searches to a preferred source (e.g. Original, MAT or Derwent) using the File Segment FS field.

It is also possible to restrict searches to a preferred language using the Summary Language SL field (both code and text).

Patent Number

Qualifiers	
Search Qualifier	/PN, /PN.B, /PN.P
Display Qualifier	PN, PI, PN.B, PI.B
Analyze Qualifier	PN, PI, PI.B, PN.B, PN.P
Select Qualifier	PN, PI, PI.B, PN.B, PN.P
Sort Qualifier	PN, PI, PI.B, PN.B, PN.P

Content

DWPI First View is a patent based database with records designated as Basic (B), Equivalent (E), Equivalent-Treat-As-Basic (ETAB), Non-Conventional Equivalent (NCE) or as Unassigned (UA) if their status is not known when they are released into the file.

Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records also contain a reference to the corresponding Basic patent number.

Patent numbers in DWPI First View are indexed as follows.

PN (Patent Number):

For Basic and Unassigned records the PN index contains the patent number of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PN index contains both the patent number to which the record refers and the corresponding Basic patent number.

PN.B (Patent Number, Basic):

For Basic records the PN.B index contains the patent number of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PN.B index only contains the corresponding Basic patent number of the record.

The patent number of unassigned records is not indexed under PN.B.

PN.P (Patent Number, Underlying Publication):

For Basic and Unassigned records the PN.P index contains the patent number of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PN.P index only contains the patent number of the document to which the record refers.

Searching

Patent (or publication) numbers are searchable in Thomson Scientific or STN format.

PN (Patent Number):

```
=>  S  CN---1488217/PN
L1             1 CN---1488217/PN
                 (CN1488217/PN)

=> D PI

L1    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    CN-----1488217     A   20040407   Chinese Equivalent
PI.B  EP-----1211851     A1


=>  S  EP-----1211851/PN
L2             1 EP-----1211851/PN
                 (EP1211851/PN)

=> D PI

L2    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    CN-----1488217     A   20040407   Chinese Equivalent
PI.B  EP-----1211851     A1
```

PN.B (Patent Number, Basic):

```
=>  S  EP-----1211851/PN.B
L1             1 EP-----1211851/PN.B
                 (EP1211851/PN.B)

=>  S  CN---1488217/PN.B
L2             0 CN—1488217/PN.B
                 (CN1488217/PN.B)

=> D L1 PI

L1    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    CN---1488217     A   20040407   Chinese Equivalent
PI.B  EP-----1211851     A1
```

PN.P (Patent Number, Underlying Publication):

```
=>  S  CN---1488217/PN.P
L1             1 CN---1488217/PN.P
                   (CN1488217/PN.P)

=>  S  EP-----1211851/PN.P
L2             0 EP-----1211851/PN.P
                   (EP1211851/PN.P)

=> D L1 PI

L1    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    CN---1488217     A   20040407   Chinese Equivalent
PI.B  EP-----1211851     A1
```

Patent Country

Qualifiers	
Search Qualifier	/PC, /PC.B, /PC.P
Display Qualifier	PN, PI, PN.B, PI.B
Analyze Qualifier	PC, PC.B, PC.P
Select Qualifier	PC, PC.B, PC.P
Sort Qualifier	PC, PC.B, PC.P

Content

DWPI First View is a patent based database with records designated as Basic (B), Equivalent (E), Equivalent-Treat-As-Basic (ETAB), Non-Conventional Equivalent (NCE) or as Unassigned (UA) if their status is not known when they are released into the file.

Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records also contain a reference to the corresponding Basic patent number.

The country code is part of the patent number for every country, and has been indexed additionally to facilitate limiting the scope of a search.

Patent country codes in DWPI First View are indexed as follows.

PC (Patent Country):

For Basic and Unassigned records the PC index contains the patent number of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PC index contains both the patent country to which the record refers and the corresponding country of the Basic.

PC.B (Patent Country, Basic):

For Basic records the PC.B index contains the patent country of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PC.B index only contains the corresponding country of the Basic of the record.

The patent country of unassigned records is not indexed under PC.B.

PC.P (Patent Country, Underlying Publication):

For Basic and Unassigned records the PC.P index contains the patent country of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PC.P index only contains the patent country of the document to which the record refers.

Searching

PC (Patent Country):

```
=> S CN/PC
L1          4728 CN/PC

=> D PI

L1    ANSWER 1 OF 4728   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    CN-----1487844     A   20040407   Chinese Equivalent
PI.B  WO--2002058772     A1

=> S WO/PC
L2          8104 WO/PC

=> D PI

L2    ANSWER 1 OF 8104   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    CN-----1487844     A   20040407   Chinese Equivalent
PI.B  WO--2002058772     A1
```

PC.B (Patent Country, Basic):

```
=> S WO/PC.B
L1          6803 WO/PC.B

=> D L1 PI

L83   ANSWER 1 OF 6803   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    CN-----1487844     A   20040407   Chinese Equivalent
PI.B  WO--2002058772     A1

=>  S  CN/PC.B  AND  WO—2002058772/PN
            3003 CN/PC.B
                1 WO--2002058772/PN
                    (WO2002058772/PN)
L2              0 CN/PC.B AND WO--2002058772/PN
```

PC.P (Patent Country, Underlying Publication):

```
=>  S  CN/PC.P
L1          4662 CN/PC.P

=> D L1  PI

L1    ANSWER  1  OF  4662   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
PI    CN-----1487844     A    20040407   Chinese  Equivalent
PI.B  WO--2002058772     A1

=>  S  WO/PC.P  AND  CN-----1487844/PN
            5925 WO/PC.P
                1 CN-----1487844/PN
                     (CN1487844/PN)
L2             0  WO/PC.P  AND  CN-----1487844/PN
```

In addition to the 2-letter country code for the patent country, the full country name in WIPO standard is also indexed.

Multi-word country names have been indexed as bound phrases:

```
=>  S  NEW  ZEALAND/PC
L1            73  NEW  ZEALAND/PC

=>  S  NEW  ZEALAND/PC.B
L2            67  NEW  ZEALAND/PC.B

=>  S  NEW  ZEALAND/PC.P
L3            73  NEW  ZEALAND/PC.P
```

Comprehensive Country Code Searches

For comprehensive search results by patent country, both the Patent Country and the Designated States fields should be searched. /PCS is equivalent to /PC,DS.

Patent Kind Code

Qualifiers	
Search Qualifier	/PK, /PK.B, /PK.P
Display Qualifier	PN, PI, PN.B, PI.B
Analyze Qualifier	PK, PK.B, PK.P
Select Qualifier	PK, PK.B, PK.P
Sort Qualifier	PK, PK.B, PK.P

Content

DWPI First View is a patent based database with records designated as Basic (B), Equivalent (E), Equivalent-Treat-As-Basic (ETAB), Non-Conventional Equivalent (NCE) or as Unassigned (UA) if their status is not known when they are released into the file.

Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records also contain a reference to the corresponding Basic patent number.

The Thomson Scientific patent kind code is part of the patent number for every country and is based on the WIPO kind-of-document code. It is used to distinguish different types of patent documents published by a single country.

The patent kind code in DWPI First View is indexed as follows.

PK (Patent Kind Code):

For Basic and Unassigned records the PK index contains the patent kind of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PK index contains both the patent kind code to which the record refers and the corresponding patent kind code of the Basic.

PK.B (Patent Kind Code, Basic):

For Basic records the PK.B index contains the patent kind code of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PK.B index only contains the corresponding patent kind code of the Basic of the record.

The patent kind code of unassigned records is not indexed under PK.B.

PK.P (Patent Kind Code, Underlying Publication):

For Basic and Unassigned records the PK.P index contains the patent kind code of the document to which the record refers.

For Equivalent, Equivalent-Treat-As-Basic and Non-Conventional Equivalent records the PK.P index only contains the patent kind code of the document to which the record refers.

Searching

As patent kind codes have a country-specific meaning they have been indexed in full with the preceding country code. If more generic searches are required then truncation should be used.

```
=> S EPA1/PK
L1          3469 EPA1/PK

=> S EPA?/PK
L2          5956 EPA?/PK

=> S EP?/PK
L3          6494 EP?/PK
```

PK (Patent Kind Code):

```
=> S EPA1/PK
L1          3469 EPA1/PK

=> D PI

L1    ANSWER 1 OF 3469   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    TW------569392     A   20040101   Chinese      Non-convention Equiv.
PI.B  EP-----1189276     A1

=> S TWA/PK
L2          529 TWA/PK

=> D PI

L2    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
PI    TW------569392     A   20040101   Chinese Non-convention  Equiv.
PI.B  EP-----1189276     A1
```

PK.B (Patent Kind Code, Basic):

```
=>  S  EPA1/PK.B
L1          3197  EPA1/PK.B

=>  D  PI

L1    ANSWER  1  OF  3197   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
PI    TW------569392     A   20040101   Chinese      Non-convention  Equiv.
PI.B  EP-----1189276    A1

=>  S  TWA/PK.B  AND  EP-----1189276/PN
             506  TWA/PK.B
                1  EP-----1189276/PN
                     (EP1189276/PN)
L2              0  TWA/PK.B  AND  EP-----1189276/PN
```

PK.P (Patent Kind Code, Underlying Publication):

```
=>  S  TWA/PK.P
L1           500  TWA/PK.P

=>  D  PI

L1    ANSWER  1  OF  1   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
PI    TW------569392     A   20040101   Chinese      Non-convention  Equiv.
PI.B  EP-----1189276     A1

=>  S  EPA1/PK.P  AND  TW------569392/PN
            1900  EPA1/PK.P
                1  TW------569392/PN
                     (TW569392/PN)
L2              0  EPA1/PK.P  AND  TW------569392/PN
```

Filing Details

Qualifiers	
Search Qualifier	/FDT, /FDT.PN, /FDT.PC, /FDT.PK, /FDT.TP
Display Qualifier	FDT
Analyze Qualifier	FDT, FDT.PN, FDT.PC, FDT.PK
Select Qualifier	FDT, FDT.PN, FDT.PC, FDT.PK
Sort Qualifier	FDT, FDT.PN, FDT.PC, FDT.PK

Content

The data available in the Filing Details field varies from document to document but the types of information that may be present are:

- Related patent numbers
- Filing notes about Divisions, Continuations and other relationships

Searching

Patent numbers within the Filing Details field can be searched using either /FDT or /FDT.PN.

```
=>  S    US6732147/FDT.PN
L1              1 US6732147/FDT.PN

=>  D  FDT

L1       ANSWER  1  OF  1   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
FDT      US-----6732147    B  (Div ex)

=>  S    US6732147/FDT
L2              1 US6732147/FDT

=>  D  FDT

L2       ANSWER  1  OF  1   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
FDT      US-----6732147    B  (Div ex)
```

Searches can be restricted to the patent country (both 2-letter country code and full country name in WIPO standard) or patent kind present within the Filing Details field using /FDT.PC or /FDT.PK.

```
=> S   NL/FDT.PC
L3             1 NL/FDT.PC

=> D FDT

L3    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
FDT   NL-----1023006     C (Div ex)

=> S  CZECH  REPUBLIC/FDT.PC
L4            30 CZECH REPUBLIC/FDT.PC

=> D FDT

L4       ANSWER 1 OF 30   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
FDT      CZ--2003001571    A (Previous Publ.)

=> S  ILA/FDT.PK
L5             2 ILA/FDT.PK

=> D FDT

L5       ANSWER 1 OF 2   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
FDT      IL------100798    A (Add to)
```

In addition any text associated with the entries in the Filing Details field has been indexed as a bound phrase under FDT.TP.

```
=> E ADD TO/FDT.TP
**** START OF FIELD ****
E3            16 -> ADD TO/FDT.TP
E4         15653      BASED ON/FDT.TP
E5           515      CIP OF/FDT.TP
E6           718      CONT OF/FDT.TP
E7           913      DIV EX/FDT.TP
E8             4      DIV IN/FDT.TP
E9           409       PREVIOUS PUBL/FDT.TP
E10            1       REISSUE OF/FDT.TP
E11           38       RELATED TO/FDT.TP
**** END OF FIELD ****

=> S  PREVIOUS  PUBL/FDT.TP
L6           409 PREVIOUS PUBL/FDT.TP

=> D FDT

L6       ANSWER 1 OF 409   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
FDT      NO-----9900998    A (Previous Publ.)
```

Citations

Qualifiers

Search Qualifier	Cited literature: /REN, /REN.X (By Examiner)
	Cited Patent Number: PN.D (/RPN), PN.DX (By Examiner)
	Cited Patent Country: PC.D (/RPC), PC.DX (By Examiner)
	Cited Patent Kind Code: PK.D (/RPK), PK.DK (By Examiner)
Display Qualifier	RE, REN, REP
Analyze Qualifier	REN, REN.X, REP, PN.D, PN.DX, PC.D, PC.DX, PK.D, PK.DK
Select Qualifier	REN, REN.X, REP, PN.D, PN.DX, PC.D, PC.DX, PK.D, PK.DK
Sort Qualifier	-

Content

Citations are provided for GB-A, GB-B, DE-A, DE-B, DE-U, EP-B, US-B and JP-B documents.

They are mainly examiner citations with the exception of US-B for which the bibliographic data source also includes the inventor citations.

Searching

```
=>  S  COMPUTER/REN
L1            181 COMPUTER/REN

=> D REN

L1    ANSWER 1 OF 181   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
REN   ISAD-A Computer Controlled Integrated Starter-Alternator-
      Damper-System, Klaus-Peter Zeyen and Pels (JSDA Electronic
      Systems GmbH & Co., KG, SAE Paper 972660.    X

=>  S  US4170095/RPN
L2             1 US4170095/RPN

=> D REP

L2    ANSWER 1 OF 1   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
REP   US 4170095        A        X
      US 5232539        A        X
      US 5624525        A        X
      JP 7040434        A        X
      JP 7323953        A        X
```

```
=>  S  USA1/PK.D
L3           745 USA1/PK.D

=>  D  REP

L3    ANSWER  1  OF  745   WPIFV   COPYRIGHT  2004  THOMSON  DERWENT  on  STN
REP   US 1757728         A         X
      US 2844180         A         X
      US 4794970         A         X
      US 6428115         B1        X
      US 2003150538      A1        X
```

Field Availability

Qualifier	
Search Qualifier	/FA
Display Qualifier	FA
Analyze Qualifier	FA
Select Qualifier	-
Sort Qualifier	-

Content

The field /FA contains the following codes indicating the availability of the respective fields in a given record:

AB	Abstract
ACTN	Mechanism of Action
ADV	Advantage
AG	Agent (Attorney)
ALE	Alerting Abstract, First Section
DETD	Detailed Description
DRWD	Drawing Description
FDT	Filing Details
GI	Graphic Information
ICA	IPC, Additional
ICS	IPC, Secondary
INFN	Inventor Full Name
MCLM	Main Claim
NCL	National Classification (US patent classification)
NOV	Novelty
PRAI	Priority Information
REN	Cited Literature
REP	Cited Patents
TECH	Technology Focus
TI	Title
UADV	Use/Advantage
USE	Use

Searching

```
=> S INFN/FA
L1          13658 INFN/FA

=> D INFN

L1    ANSWER 1 OF 13658   WPIFV   COPYRIGHT 2004 THOMSON DERWENT on STN
INFN Maeda Tsuyoshi , Tokyo JP
```

SDIs in DWPI First View

Content

Two update codes are available within DWPI First View:

/ED Entry Date

/UP General Update Date.

However as records are not modified after they have entered DWPI First View, ED and UP are synonymous and will return identical results.

Searching

For comprehensive coverage it is recommended that DWPI and DWPI First View are searched in combination in both SDIs and manual searching. Within the SDI environment this can be achieved by setting up a multifile SDI covering both DWPI and DWPI First View.

Due to the rolling nature of the DWPI First View file it is not possible to use the STN "Historical Deduplication/Eliminate Previously Seen Answers With Each SDI" feature to deduplicate results of an SDI running in both files, e.g. to retrieve a document when it enters DWPI First View but NOT when it then subsequently transfers into DWPI. Therefore even if this option is selected when setting up the SDI, records will be retrieved when they enter DWPI First View and then again when they transfer into DWPI.

One benefit of selecting this functionality though is to prevent the DWPI record being supplied more than once, for example every time the DWPI family is subsequently updated.

A multifile SDI can be created by following these steps:

- Create your search query
- Enter the "SDI MFILE" command at the arrow prompt.
- The system will prompt you automatically for the following parameters
  - General parameters that apply to the multifile SDI as whole
  - Specific parameters that apply to each file

Within the DWPI First View SDI it is important to select the “Everyupdate” frequency. This is because records are removed from DWPI First View when they have transferred into DWPI; running the SDI at a reduced frequency could mean that records pass through the file in-between SDI runs and so would not be picked up by the SDI.

Predefined Display Formats

Search results may be displayed by specifying the individual display fields, one of the predefined formats listed below or a combination of these:

Form	Definition
ABS	AN, AB, NOV, ALE, DETD, TECH, ACTN, USE, ADV, UADV, DRWD, MCLM
ALL (FULL)	AN, TI, AG, AGA, IN, INFN, PA, PI, AI, FDT, PRAI, REC, IPC, EXF, SL, AB, NOV, ALE, DETD, TECH, ACTN, USE, ADV, UADV, DRWD, FA, MCLM
ALLG (FULLG)	AN, TI, AG, AGA, IN, INFN, PA, PI, AI, FDT, PRAI, REC, IPC, EXF, GI, SL, AB, NOV, ALE, DETD, TECH, ACTN, USE, ADV, UADV, DRWD, FA, MCLM
IALL	ALL, indented with text labels
IALLG	ALLG, indented with text labels
BIB	AN, TI, AG, AGA, IN, INFN, PA, PI, AI, FDT, PRAI
IBIB	BIB, indented with text labels
BRIEF	AN, TI, PA, AB, NOV, ALE, DETD, TECH, ACTN, USE, ADV, UADV, DRWD
BRIEFG	AN, TI, PA, GI, AB, NOV, ALE, DETD, TECH, ACTN, USE, ADV, UADV, DRWD
IND	AN, IPC, NCL, EXF
MAX	AN, TI, AG, AGA, IN, INFN, PA, PI, AI, FDT, PRAI, REC, IPC, EXF, GIS, SL, AB, NOV, ALE, DETD, TECH, ACTN, USE, ADV, UADV, DRWD, MCLM, FS, FA, ED, UP
MAXG	AN, TI, AG, AGA, IN, INFN, PA, PI, AI, FDT, PRAI, REC, IPC, EXF, GIS, GI, SL, AB, NOV, ALE, DETD, TECH, ACTN, USE, ADV, UADV, DRWD, MCLM, FS, FA, ED, UP
SCAN	TI (random display, no answer numbers)
STD	AN, TI, AG, AGA, IN, INFN, PA, PI, AI, FDT, PRAI, IPC (STD is default)
ISTD	STD indented with text labels
TRIAL (SAMPLE, SAM, FREE)	AN, TI, IPC
HIT	Fields containing hit terms
KWIC	Hit terms with up to 50 words on either side (KeyWord-In-Context)
OCC	Number of occurrences of hit terms and fields in which they occur

DWPI First View on STN: File WPIFV

Fields in bold are unique to DWPI First View and are not present in DWPI

CONTENT	SEARCH EXAMPLES	STN FIELD		FIELD AVAILABILITY IN DWPI	
		SEARCH	DISPLAY	SEARCH	DISPLAY
STN Accession Number	**S 2004-0012345/AN**	**AN**	**AN**	**No**	**No**
Title	S DRILLING FLUID?/TI	TI,BI	TI	Yes	Yes
Inventor(s)	S HALE A H/AU	IN,AU	IN,AU	Yes	Yes
Inventor Country	**S DE/IN.CNY**	**IN.CNY**	**IN**	**No**	**No**
Inventor(s) Full Name	**S TEWARI AMIT/INFN** **S TEWARI/INFN** **S AMIT/INFN**	**INFN**	**INFN**	**No**	**No**
Forename **Surname**	**S TEWARI/INFN.FNM** **S AMIT/INFN.SNM**	**INFN.FNM** **INFN.SNM**	 **INFN**		
Inventor(s) Full Address	**S (75TH(W)AVENUE)/INA**	**INA**	**INFN**	**No**	**No**
Inventor City **Inventor Country** **Inventor Postal Code** **Inventor State**	**S DENNISON/INA.CTY** **S NZ/INA.CNY** **S 94708/INA.ZIP** **S OK/INA.ST**	**INA.CTY** **INA.CNY** **INA.ZIP** **INA.ST**			
Agent (Attorney)	**S ALFRED/AG**	**AG**	**AG**	**No**	**No**
Agent Full Address	**S (1185(W)AVENUE)/AGA**	**AGA**	**AG**	**No**	**No**
Agent City **Agent Country** **Agent Postal Code** **Agent State**	**S CLEVELAND/AGA.CTY** **S NZ/AGA.CNY** **S 94708/AGA.ZIP** **S OH/AGA.ST**	**AGA.CTY** **AGA.CNY** **AGA.ZIP** **AGA.ST**			
Application Country	S GB/AC (S) 2003/AY S GB/AC (S) SEPT 2001/AD	AC	AI AP	Yes	Yes
Application Number	S 2002EP-0009884/AP S EP2002-9884/AP	AP APPS	AI APPS	Yes	Yes
Application Type	**S ADD TO/APT** **S APPLICATION NO/APT** **S CIP OF/APT** **S CONT OF/APT** **S DIV EX/APT** **S PROVISIONAL/APT** **S RELATED TO/APT**	**APT**	**AI**	**No**	**No**
Application Date	S JAN 2002-MAR 2002/AD	AD	AI AP	Yes	Yes
Application Year	S 2000-2002/AY	AY AP	AI	Yes	Yes

CONTENT	SEARCH EXAMPLES	STN FIELD		FIELD AVAILABILITY IN DWPI	
		SEARCH	DISPLAY	SEARCH	DISPLAY
Filing Details	S US5072794/FDT	FDT PATS	FDT PATS	Yes	Yes
Filing Details Patent Country	**S US/FDT.PC**	**FDT.PC**	**FDT PATS**	**No**	**No**
Filing Details Patent Number	**S GB2263966/FDT.PN**	**FDT FDT.PN**	**FDT PATS**	**No**	**No**
Filing Details Patent Kind Code	**S DEU1/FDT.PK**	**FDT.PK**	**FDT PATS**	**No**	**No**
Filing Details Filing Details Type	**S BASED ON/FDT.TP**	**FDT.TP**	**FDT**	**No**	**No**
Designated States	S BE/DS S RW BE/DS (P) 2002/PY S RW BE/DS S W GB/DS S R BE/DS	DS PCS	PI DS	Yes	Yes
Patent Assignee	S SHELL OIL/PA S GLAXO?/PA	PA CS	PA CS	Yes	Yes
Patent Assignee Code	S SHEL/PACO	PACO	PA	Yes	Yes
Patent Information	S FR2389407/PN S WO/PC S EPB1/PK S CO9K007/IC S 20031224/PD	PN, PATS PC, PCS PK IC	PI, PN PD,PY	Yes	Yes
Patent Information Basic Patent	S WO2003089512/PN.B S EPA1/PK.B S EP/PC.B	PN.B PK.B PC.B	PN.B, PI.B	Yes	Yes
Patent Information Underlying Publication	**S CN1488217/PN.P S CNA/PK.P S CN/PC.P**	**PN.P PK.P PC.P**	**PN PI**	**No**	**No**
Number of Pages	**S 005/PGN**	**PGN**	**PI PN**	**No**	**No**
Patent Publication Date	S 20020404/PD	PD	PI PN	Yes	Yes
Publication Year	S 2002/PY	PY	PI	Yes	Yes
Patent Publication Type	**S B/PT S E/PT S ETAB/PT S NCE/PT S UA/PT**	**PT**	**PI PN**	**No**	**No**
Priority Information	S DE/PRC (S) 2000/PRY S 2002JP-0305237/PRN S 20010925/PRD S 1999/PRY	PRC, PRN, APPS PRD, PRDF PRY, PRYF	PRAI	Yes	Yes
Priority Country	S SE/PRC	PRC	PRAI	Yes	Yes

CONTENT	SEARCH EXAMPLES	STN FIELD		FIELD AVAILABILITY IN DWPI	
		SEARCH	DISPLAY	SEARCH	DISPLAY
Priority Number	S US 2001-962470/PRN S JP 2002-117558/APPS	PRN APPS	PRAI APP	Yes	Yes
Priority Date	S 20010925/PRD S 20020419/PRDF	PRD PRDF	PRAI	Yes	Yes
Priority Year	S 2000/PRY (S) NL.PRC S 1997/PRYF	PRY PRYF	PRAI	Yes	Yes
Language	S FR/LA (P) EP/PC S FRENCH/LA (P) EP/PC (P) 2002/PY	LA	PI	Yes	Yes
International Patent Classification (IPC)	S B62D055/IC S B62D055-26/ICM S B62D-055-27/IPC S D01D005-08?/ICS S A01K067-027/ICA S C04B007:02/ICI (S) C04B028-14/ICI	IC ICM IPC ICS ICA ICI	IC ICM IPC ICS ICA ICI	Yes	Yes
IPC, Main	S C09K007-02/ICM S C09K-007-02/ICM AND US/PC	ICM IC ICMIC	ICM IC IPC	Yes	Yes
IPC, Secondary	S D01B001-38/ICS	ICS IC	ICS IC IPC	Yes	Yes
IPC, Additional (Supplementary)	S A01K067-027/ICA	ICA	ICA IPC	Yes	Yes
IPC, Index (Complementary)	S C04B007:02/ICI (S) C04B028-14/ICI	ICI IPC	ICI	Yes	Yes
Main Group of IPC	S C09K/ICM (T) 18-20/MGR	MGR		Yes	Yes
Sub Group of IPC	S F01B-007/IC (T) 10000-12000/SGR	SGR		Yes	Yes
National (US Patent Classification)	**S 725009000/NCL S 725009000/NCLM S 725009000/NCLS S 099/NCL**	**NCL NCLM NCLS NCL**	**NCL**	**No**	**No**
National Classification (Main US Patent Classification)	**S 725009000/NCLM S 099/NCL**	**NCL NCLM**	**NCL**	**No**	**No**
National Classification (Secondary US Patent Classification)	**S 725009000/NCLS S 099/NCLS**	**NCL NCLS**	**NCL**	**No**	**No**
Summary Language (Language of Content)	**S EN/SL S FR/SL S DE/SL**	**SL**	**SL**	**No**	**No**
File Segment (Abstract Source)	**S ORIGINAL/FS S MAT/FS S DERWENT/FS**	**FS**	**FS**	**No**	**No**

CONTENT	SEARCH EXAMPLES	STN FIELD		FIELD AVAILABILITY IN DWPI	
		SEARCH	DISPLAY	SEARCH	DISPLAY
Abstract	Searches all Abstract Fields	AB BI	AB ABS	**No**	Yes
Abstract – First Section	S GOLF BALL/ALE	ALE AB BI	ALE AB ABS	**No**	Yes
Abstract – Novelty	S EXCITATION/NOV	NOV AB BI	NOV AB ABS	Yes	Yes
Abstract – Detailed Description	S GOLF BALL/ DETD	DETD AB BI	DETD AB ABS	**No**	Yes
Abstract – Technology Focus	S DYEING#/TECH	TECH AB BI	TECH AB ABS	Yes	Yes
Abstract – Mechanism of Action	S VACCINE/ACTN	ACTN AB BI	ACTN AB ABS	**No**	Yes
Abstract – Use	S VACCINE#/USE	USE AB BI	USE AB ABS	**No**	Yes
Abstract – Advantage	S LOW SHRINK/ADV	ADV AB BI	ADV AB ABS	**No**	Yes
Abstract – Use/Advantage	S LOW SHRINK/UDAV	UDAV AB BI	UDAV AB ABS	**No**	Yes
Abstract – Description of Drawings	S STEERING WHEEL/ DRWD	DRWD AB BI	DRWD AB ABS	**No**	Yes
Main Claim	**S SURFBOARD/MCLM**	**MCLM BI**	**MCLM ABS**	**No**	**No**
Citation Data					
IPC (Field of Search)	**D06F 37/20/IC.F**	**IC.F**	**EXF**	**No**	**No**
National Classification (US Patent Classification Field of Search)	**S 430 20/NCL.F**	**NCL.F**	**EXF**	**No**	**No**
Cited Patent Country	**S FRANCE/PC.D S GB/RPC S EP/PC.DX**	**PC.D RPC PC.DX**	**REP, RE**	**No**	**No**
Cited Patent Number	**S US5550763/PN.D S WO2000045905/RPN S US5550763/PN.DX**	**PN.D RPN PN.DX**	**REP, RE**	**No**	**No**
Cited Patent Kind	**S DEC/PK.D S EPA/RPK S EPB/PK.DX**	**PK.D RPK PK.DX**	**REP, RE**	**No**	**No**

CONTENT	SEARCH EXAMPLES	STN FIELD		FIELD AVAILABILITY IN DWPI	
		SEARCH	DISPLAY	SEARCH	DISPLAY
Cited Journal Refs	**S GENE/REN** **S GENE /REX.X**	**REN** **REN.X**	**REN, RE**	**No**	**No**
Cited References Count	**S 5/RECS 010/REC**	**REC**	**REC, RE**	**No**	**No**
Field Availability	S MCLM/FA	FA	FA	Yes	Yes
Graphics Image			GI GI.H	Yes	Yes
Entry Date	S 20031216/ED S ED>20030101	ED UP	ED UP	Yes	Yes
Basic Index	Title Abstract Novelty Detailed Description Main Claim Technology Focus Mechanism of Action Use Advantage Use/Advantage Description of Drawings				