



Getting a First Overview of STN Search Results – Postings and their Settings

Ernst Aichinger

Agenda

- Postings of a standard keyword search
- Postings in a multi-file environment
- Additional information for a TRANSFER



How many postings do you want?

=> **FIL WPINDEX**

=> **S ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN? OR FIX? SOURC?))**

```
95198 ZEOLIT?  
671063 NITROG?  
1948358 OXID?  
56648 NITROG? OXID?  
      (NITROG?(W)OXID?)
```

```
120325 FLUE  
1223311 INDUST?  
245179 OVEN?  
9717834 FIX?  
2324655 SOURC?
```

```
2290 FIX? SOURC?  
      (FIX?(W)SOURC?)
```

```
4930 FLUE (10A) (INDUST? OR OVEN? OR FIX? SOURC?)
```

```
L1 50 ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN?  
      OR FIX? SOURC?))
```

The frequencies of records for individual terms in a query are displayed.

Helps to identify bottlenecks, misspellings and broad concepts.

An answer set is created with all answers from the file searched

Default settings:	SET POSTING ON	(/OFF/FULL)
	SET INTERPRET ON	(/OFF)

How many postings do you want?

=> FIL WPINDEX

=> S ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN? OR FIX?
SOURC?))

```
95198 ZEOLIT?  
671063 NITROG?  
1948358 OXID?  
56648 NITROG? OXID?  
      (NITROG?(W)OXID?)  
120325 FLUE  
1223311 INDUST?  
245179 OVEN?  
9717834 FIX?  
2324655 SOURC?  
2290 FIX? SOURC?  
      (FIX?(W)SOURC?)  
4930 FLUE (10A) (INDUST? OR OVEN? OR FIX? SOURC?)  
L1 50 ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN?  
      OR FIX? SOURC?))
```

The **SET POSTINGS** command is used to specify the level of detail to which intermediate postings are displayed:

- ON postings for individual search terms
- OFF suppress intermediate postings

Default settings: SET POSTING ON (/OFF/FULL)
SET INTERPRET ON (/OFF)

How many postings do you want?

...

=> SET POSTING OFF

=> S ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN? OR FIX?
SOURC?))

56648 NITROG? OXID?
(NITROG?(W)OXID?)

2290 FIX? SOURC?
(FIX?(W)SOURC?)

L2 50 ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN?
OR FIX? SOURC?))

Settings:

SET POSTING OFF

(ON/OFF/FULL)

SET INTERPRET ON

(ON/OFF)

How many postings do you want?

...

=> SET POSTING OFF

=> S ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN? OR SOURC?))

56648 NITROG? OXID?
(NITROG?(W)OXID?)

2290 FIX? SOURC?
(FIX?(W)SOURC?)

L2 50 ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN?
OR FIX? SOURC?))

When proximity is automatically inserted into a SEARCH statement or patent numbers/dates are automatically formatted, the posting shows you exactly how the system has interpreted your query. The **SET INTERPRET** command is used to control the display of the interpretation lines.

Settings:

SET POSTING OFF

(ON/OFF/FULL)

SET INTERPRET ON

(ON/OFF)

How many postings do you want?

...

=> **SET POSTING OFF**

=> S ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN? OR FIX?
SOURC?))

56648 NITROG? OXID?
(NITROG?(W)OXID?)

2290 FIX? SOURC?
(FIX?(W)SOURC?)

L2 50 ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN?
OR FIX? SOURC?))

=> **SET INTERPRET OFF**

=> S ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN? OR FIX?
SOURC?))

L3 50 ZEOLIT? AND (NITROG? OXID?) AND (FLUE (10A) (INDUST? OR OVEN?
OR FIX? SOURC?))

Settings:

SET POSTING OFF

(ON/OFF/FULL)

SET INTERPRET OFF

(ON/OFF)

Postings in a multi-file environment: INDEX

=> INDEX FULLTEXT

=> S GENTIAN? (2W) LOUR!IR?

```
17  FILE CNFULL
  1  FILE EPFULL
  3  FILE JPFULL
  2  FILE KRFULL
  3  FILE PCTFULL
  6  FILE USPATFULL
  3  FILE USPAT2
```

7 FILES HAVE ONE OR MORE ANSWERS, 19 FILES SEARCHED IN STNINDEX

L1 QUE GENTIAN? (2W) LOUR!IR?

Use INDEX to find which databases cover your topic.

Each file in the index (here CLUSTER FULLTEXT) is scanned. If the file contains answers, the number of answers is displayed with the file name.

SET DETAIL Specify the level of detail to be presented in EXPAND, SEARCH, INDEX, and DISPLAY within a multi file environment

Default: SET DETAIL OFF (ON/OFF)

Postings in a multi-file environment: INDEX

=> SET DETAIL ON

=> S GENTIAN? (2W) LOUR!IR?

...

FILE 'CNFULL'

16899 GENTIAN?

259 LOUR!IR?

17 GENTIAN? (2W) LOUR!IR?

FILE 'DEFULL'

664 GENTIAN?

16 LOUR!IR?

0 GENTIAN? (2W) LOUR!IR?

FILE 'EPFULL'

1928 GENTIAN?

78 LOUR!IR?

1 GENTIAN? (2W) LOUR!IR?

...

FILE 'USPAT2'

1978 GENTIAN?

110 LOUR!IR?

3 GENTIAN? (2W) LOUR!IR?

L2 QUE GENTIAN? (2W) LOUR!IR?

With DETAIL set to ON, SEARCH in STNindex will show the postings for each term in each file. It will also show the reasons for any errors (e.g. field code not available).

SET DETAIL Specify the level of detail to be presented in EXPAND, SEARCH, INDEX, and DISPLAY within a multi file environment

Default: SET DETAIL OFF (ON/OFF)

This is similar to searching multi-database simultaneously.

Postings in a multi-file environment: FILE

=> FIL FULLTEXT

=> S GENTIAN? (2W) LOUR!IR?

L1 35 GENTIAN? (2W) LOUR!IR?

=> FIL MSTEPS ON

=> FIL DETAIL ON

=> S GENTIAN? (2W) LOUR!IR?

FILE 'CANPATFULL'

1400 GENTIAN?

74 LOUR!IR?

L6 0 GENTIAN? (2W) LOUR!IR?

FILE 'CNFULL'

16899 GENTIAN?

259 LOUR!IR?

L7 17 GENTIAN? (2W) LOUR!IR?

...
FILE 'USPAT2'

1983 GENTIAN?

110 LOUR!IR?

L20 3 GENTIAN? (2W) LOUR!IR?

TOTAL FOR ALL FILES

L21 35 GENTIAN? (2W) LOUR!IR?

SET MSTEPS OFF
SET DETAIL OFF

SET MSTEPS Specify whether statistics from each file in a multi-file search should be displayed and L-numbers assigned.

SET MSTEPS ON
SET DETAIL ON

Additional information for a TRANSFER

=> D HIS

FILE 'WPINDEX'
L1 31 S ...

Next task: Transfer records to INPADOCDB for further analysis of legal status information.

Additional information for a TRANSFER

=> D HIS

```
FILE 'WPINDEX'  
L1          31 S ...
```

=> FIL INPADOCDB

=> SET AUDIT ON

=> TRA L1 1- PNK

```
L2 TRANSFER L1 1- PNK : 67 TERMS  
L3 59 L2  
L4 QUE TERMS FROM L2 WITH NO HITS: 5 TERMS
```

=> D L4

```
TERM # TERMS  
-----  
1 HK1245776 A0/PNK  
2 IN201817050111 A/PNK  
3 IN201947027569 A/PNK  
4 JP2019527703 T/PNK  
5 JP2020513415 T/PNK  
***** END OF L24 *****
```

SET AUDIT ON (if not enabled permanently) to see if all transfer terms are retrieved.

TRANSFER extracts PNs with kind code from L1 and searches them automatically in the current file

L2: PNKs extracted from L1 (WPINDEX)

L3: Corresponding INPADOCDB answers

L4: Extracted terms not found in INPADOCDB (Can be displayed)

Option to display patent numbers not retrieved in INPADOCDB

Key takeaways

- Postings of a standard keyword search
 - **SET POSTING ON** (default)
 - **SET INTERPRET ON** (default)
- Postings in a multi-file environment
 - **SET DETAIL ON** (default is OFF)
 - **SET MSTEPS ON** (default is OFF)
- Additional information for a TRANSFER
 - **SET AUDIT ON** (default is OFF)

- Add **PERM** after each SET command to enable the respective setting permanently for your user ID.
- Display settings by **D SET** (STNext specific settings and most common settings under your user ID).
- **HELP SET** for more information on settings.



Contact Us



CAS help@cas.org
www.cas.org

FIZ Karlsruhe

helpdesk@fiz-karlsruhe.de
www.stn-international.de