

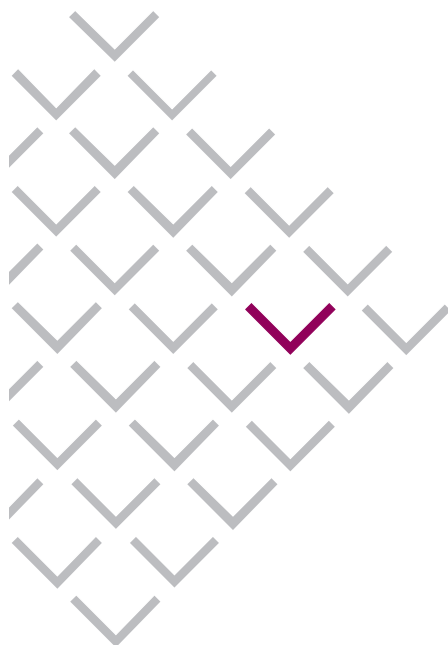


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Crossfile Searching with the TRANSFER Command

**TRANSFER
automates crossfile
searching. With
one TRANSFER
command you can
extract up to 50,000
terms from one or
more databases
and automatically
search them in
other databases.**

In response to customer requests for more detailed information on new and enhanced system features, we have created STNotes. STNotes give you the in-depth technical details you need for efficient use of STN. We hope you find this information useful. Please let us know how we can continue to improve in meeting your technical information needs.

For simple and powerful crossfile searching, try the new TRANSFER command. Although you can continue to use SmartSELECT for either crossover or analysis of search results, we now have a dedicated command for each function: TRANSFER for crossfile searching and ANALYZE for analysis of search results. You'll quickly find that TRANSFER is easier to use, with its clear prompts and intuitive defaults.

New TRANSFER Command

The TRANSFER command is used to extract terms and then search them in one easy step. You can extract up to 50,000 terms from multiple fields in multiple files. You can then search the terms in the same or different fields, and in the same or different files.

To use TRANSFER, enter the file or files in which the search is to be conducted. Then enter TRANSFER and answer the prompts. You are prompted for the L-number answer set, the extraction code or codes, and the answer numbers. The defaults are the last answer set created, all the answers, and the default extraction



field for the file. The answers may be specified as a single answer number, e.g., 10; several answer numbers, e.g., 3,7,10; a range of answer numbers, e.g., 5-8; a combination of these, e.g., 3, 5-8; all the answers, e.g., 1-.

For information on this new command while online, enter HELP TRANSFER at an arrow prompt.

You can use most display fields for extraction. To see a list of the fields that are valid extraction fields, enter HELP EFIELDS at an arrow prompt (=>) in the file, or check the file's database summary sheet online in the STNGUIDE, in print, or from the CAS Web page (www.cas.org).

The TRANSFER command creates an L-number containing the extracted terms and an L-number answer set containing all answers from all files searched. When TRANSFER is used with AUDIT set to ON, another L-number is created that contains those terms for which there were no postings. For more information, enter HELP SET AUDIT at an arrow prompt.

The example shows how TRANSFER can be used in a precise and comprehensive search for patents on a specific substance. First, find the CAS Registry Number® for fenfluramine in the REGISTRY file and search it in CAPLUS and USPATFULL - the patent files on STN that include CAS Registry Numbers. Then, with TRANSFER, extract patent numbers, application numbers and priority application numbers from the CAPLUS and USPATFULL answers and search these numbers in WPINDEX to find patent equivalents and continuation patents.

To use TRANSFER to find patents on fenfluramine

```
=> FILE REGISTRY
=> S FENFLURAMINE/CN

L1          1 FENFLURAMINE/CN

=> FILE CAPLUS USPATFULL

=> S L1 AND PATENT/DT

L2          49 L1 AND PATENT/DT

=> DUP REM L2
L3          42 DUP REM L2 (7 DUPLICATES REMOVED)

=> FILE WPINDEX

=> TRANSFER

ENTER L# (L3) OR ?:L3

ENTER ANSWER NUMBERS, RANGES (1-), OR ?:1-

ENTER DISPLAY FIELDS (FILEDEFAULT) OR ?:PN,APPS

L4          TRANSFER L3 1- PN,APPS :      92 TERMS
L5          36 L4
```

Search the REGISTRY file for the CAS Registry Number of the substance.

Enter the patent files with CAS Registry Numbers.

Search the REGISTRY L-number answer set (L1) and limit to patents.

Remove duplicates (optional).

Enter WPINDEX to find related patents.

Enter TRANSFER.

Enter the L-number answer set, answer numbers to be used, and one or more field codes from which terms are to be extracted (PN, APPS).

Extracted terms are automatically searched in WPINDEX and an L-number answer set is created (L5).

Additional Options in TRANSFER

There is no prompt for the search field, even in the novice version of the TRANSFER command. The terms are automatically searched in the same field as the extraction field. If you want to search in another field, you have to enter the search field preceded by a slash (/), on the command line. The new search field must follow all other specifications made in the command line. If specifying multiple search fields, separate them by a comma, e.g., /RPN,PRN.

For example, to search for references citing a group of patents, you would extract patent numbers (PN) from a set of answers and search the patent numbers in the Referenced Patent Number (/RPN) field in files with cited patents.

You may use TRANSFER to transfer terms only if they meet your criteria. To transfer terms that contain a 1-20 character string, add WITH followed by the character string in quotes in the command line. To transfer all terms that do not contain a 1-20 character string, add NOT followed by the character string in quotes in the command line. WITH and NOT may not be used in the same TRANSFER command.

To TRANSFER patent numbers (PN) and search them in the Referenced Patent Number (/RPN) field

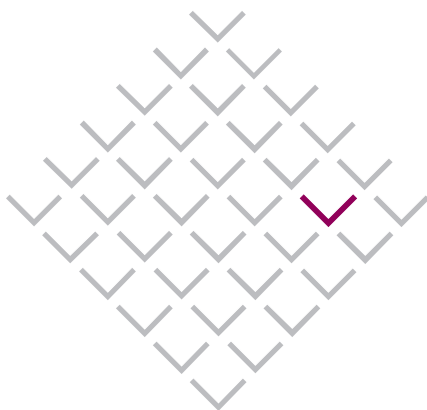
```
=> FILE DPCI
=> TRANSFER L1 1- PN /RPN
L2          TRANSFER L1 1- PN :          25 TERMS
L3          81 L2/RPN
```

To TRANSFER only US patents

```
=> FILE USPATFULL
=> TRANSFER L1 1- PN WITH "US"
L2          TRANSFER L1 1- PN WITH "US" :          2 TERMS
L3          2 L2
```

To TRANSFER only non-US patents

```
=> FILE WPINDEX
=> TRANSFER L1 1- PN NOT "US"
L4          TRANSFER L1 1- PN NOT "US" :          9 TERMS
L5          7 L4
```



TRANSFER may also be used to extract and search terms from an L-number created by ANALYZE. Enter TRANSFER, the ANALYZE L-number, and the term numbers or a range criteria you wish to use for the extraction and search. Only one may be specified.

The term numbers may be specified as a single term number, e.g., 10; several term numbers, e.g., 3,7,10; a range of term numbers, e.g., 5-8; a combination of these, e.g., 3, 5-8; and all the terms, e.g., 1-.

The range criteria may be specified as the first n terms based on current ordering, e.g., TOP 10; the terms with occurrence counts greater than n, e.g., OGT 100; the terms with document counts greater than n, e.g., DGT 15; and the terms with % of document counts greater than n, e.g., PGT 2.5.

To TRANSFER from an L-number created by ANALYZE

```
=> ANALYZE L6 1- IN
L8      ANALYZE L6 1- IN :      1045 TERMS

=> TRANSFER L8 TOP 10
L9      TRANSFER L8 TOP 10 :      10 TERMS
L10     245 L9

=> D HIT

L10     ANSWER 1 OF 245  CAPLUS  COPYRIGHT 1998 ACS
IN      Hirohara, Yoji; ***Nakajima, Hideki*** ; Sakakibara, Takashi;
        Kimura, Takao
```

Fee for TRANSFER

TRANSFER costs \$8 each time you use it regardless of the number of terms that you transfer. Other standard fees such as connect-hour fees and search-term fees will still apply but you will not pay other SELECT charges. If you transfer data to a file with search term charges, you will incur a charge for each search term from the TRANSFER L-number. Consider using the connect hour (H-file) version of these databases. Enter HELP COST at an arrow prompt for pricing information for each file.