

Title (en)
INDEX RELATIONAL PROCESSOR

Title (de)
INDEXRELATIONALER PROZESSOR

Title (fr)
PROCESSEUR DE RAPPORTS D'INDICES

Publication
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Application
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Abstract (en)
[origin: WO0118742A2] An index relation processor. A first database (100) of records is searched, and returns an index file (102) of all records matching the search criteria. A second database (120) is searched returning an index file (122) of all records matching that search criteria. A query engine (103) receives the index files (102 and 122) and processes the records to output the results at an output (101). The query engine (103) comprises a collection generator (104) which receives the input index files (102 and 122) for conversion into one or more collections 1, 2,..., N (106, 108 and 110). The collections are then input to a Boolean processor (112), the output (101) of which can be fed back to a recursive circuit (116) for recursive processing, or a compander circuit for compression (114). The input from either of the index files (102 and 122) can also be decompressed using the compander circuit (114). The output (101) of the processor (112) is also input to a collection control block (118) for multi-database collection control of the processor (112).

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