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(54) Title: A METHOD OF IMPROVING A QUERY TO A DATABASE SYSTEM

(57) Abstract: In embodiments, methods and systems for improving a query in a database system are provided. These method and system embodiments can enable greater contextual knowledge about the types and use of data in tables underlying a relational database to be employed. By employing contextual information, embodiments can make recommendations to a query optimizer of a database system based upon knowledge of the data and/or application gathered. Embodiments can be useful in improving query performance in multi-tenant database systems.



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# INTERNATIONAL SEARCH REPORT

International application No.

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC: G06F 7/00( 2006.01),17/30( 2006.01)

USPC: 707/1,2,5

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 707/1,2,5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Google Search, Google Scholar Search

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
US-PGPUB, USPAT, USOCR, FPRS, EP, JPO, DERWENT, IBM\_TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,092,062 (LOHMAN et al) 18 July 2000 (18.07.2000), column 3, line 53-column 4, line 12; column 7, lines 4-9; column 8, lines 25-40; column 9, lines 1-8; column 9, lines 16-21; column 9, lines 24-36; column 9, line 47-column 10, line 36; column 10, line 54-column 11, line 7; column 11, lines 7-14; column 11, line 27-column 12, line 18; column 14, lines 18-42; and column 15, lines 27-37.	1-3,5,7-9,14-17,19,20 ----- 4,6,10-13,18
Y	US 6,732,100 B1 (BRODERSEN et al) 04 May 2004 (04.05.2004), column 1, lines 45-61; column 4, lines 45-column 5, line 10; column 5, lines 30-35; and column 5, line 55-column 6, line 20.	4 and 18
Y	US 5,937,402 (PANDIT) 10 August 1999 (10.08.1999), column 4, lines 9-24; column 4, lines 54-59; and column 10, lines 5-16.	6 and 10-13



Further documents are listed in the continuation of Box C.



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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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