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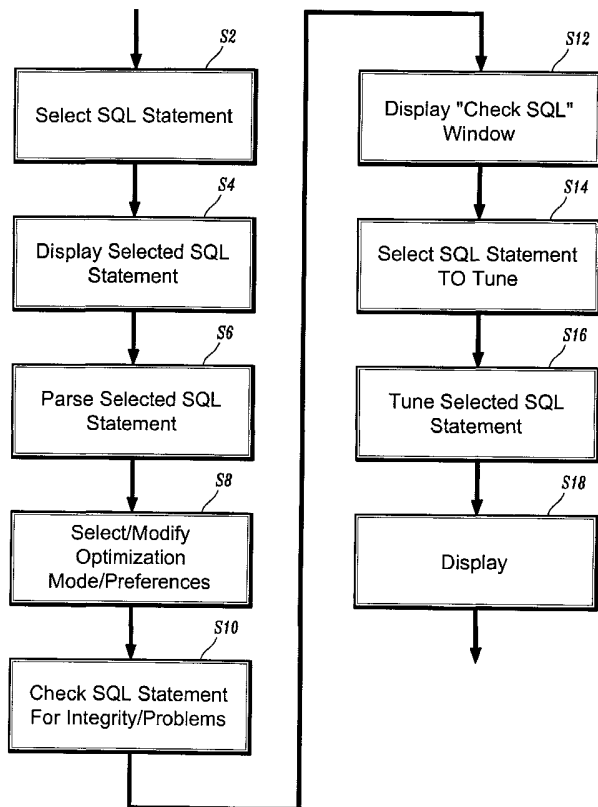
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(54) Title: SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING DATABASE QUERIES



(57) Abstract: A method of tuning a database query includes selecting a database query, parsing the selected database query to determine relationships between portions of the selected database query, selecting an optimization mode from a plurality of available optimization modes, tuning the selected database query by modifying at least one portion of the selected database query based on the determined relationships and the selected optimization mode and displaying the modified database query.

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 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06F17/30

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)
 IPC 7 G06F

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

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ORACLE: "Oracle Enterprise Manager Concepts Guide 2.1" ORACLE, 'Online! 18 November 1999 (1999-11-18), pages 5.10-5.13, XP002229596 Retrieved from the Internet: <URL:http://download-east.oracle.com/docs/ pdf/A75684_01.pdf> 'retrieved on 2003-01-28! page 5.12, line 1 -page 5.13, line 10 --- -/--	1-33

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 Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DON BURLESON: "Platinum Plan Analyzer" DBMS, 'Online! March 1996 (1996-03), XP002229597 Retrieved from the Internet: <URL:http://web.archive.org/web/2000022904 4247/http://dbmsmag.com/9603d08.html> 'retrieved on 2003-01-28! page 1 -page 2</p> <p style="text-align: center;">---</p>	1-33
A	<p>ORACLE: "Oracle8i Designing and Tuning for Performance" ORACLE, 'Online! December 1999 (1999-12), pages 4.1-4.94, XP002229598 Retrieved from the Internet: <URL:http://otn.oracle.com/doc/oracle8i_81 6/server.816/a76992.pdf> 'retrieved on 2003-01-28! page 4.3, paragraph 5 page 4.10 page 4.29 page 4.12 -page 4.18 page 4.34 page 4.46 -page 4.58 page 4.65 -page 4.68</p> <p style="text-align: center;">-----</p>	1-33