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(56) Documents Cited:
US 20080281781 A1
LEONOV A V ET AL: "Construction of an Optimal Relational Schema for Storing XML Documents in an RDBMS without Using DTD/XML Schema", PROGRAMMING AND COMPUTER SOFTWARE, KLUWER ACADEMIC PUBLISHERS-PLENUM PUBLISHERS, NE, vol. 30, no. 6, 1 November 2004 (2004-11-01), pages 323-336, XP019298774, ISSN: 16 GORELOV S S ET AL: "Search Optimization in Semistructured Databases Using Hierarchy of Document Schemas", PROGRAMMING AND COMPUTER SOFTWARE, KLUWER ACADEMIC PUBLISHERS-PLENUM PUBLISHERS, NE, vol. 31, no. 6, 1 November 2005 (2005-11-01), pages 321-331, XP019298817, ISSN: 1608-3261

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(54) Title of the Invention: **Method and apparatus for document planning**
Abstract Title: **Method and apparatus for document planning**

(57) Methods, apparatuses, and computer program products are described herein that are configured to be embodied as and/or performed by a document planner. In some example embodiments, a method is provided that comprises selecting a schema based on one or more messages available in a message store and using the selected schema and one or more messages available in the message store to generate a document plan. The schema of this embodiment may be defined by a specification containing one or more queries for selecting one or more messages, one or more messages, and/or one or more predefined phrases to instantiate a document plan. The method of this embodiment may also include applying an optimization specification to the document plan to generate an optimized document plan.

FIG. 1

