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(54) Title: HYBRID DATABASE IMPLEMENTATIONS

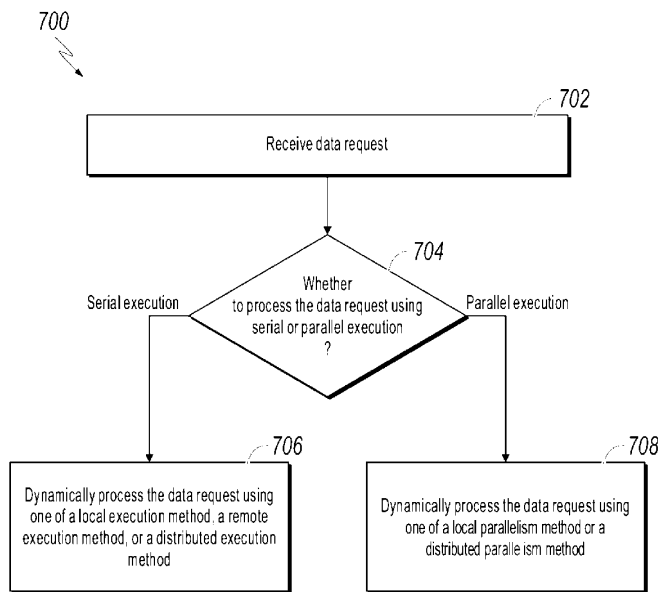


FIG. 7

(57) Abstract: Disclosed herein are methods, systems, and apparatus, including computer programs encoded on computer storage media, for data request processing. One of the methods includes receiving, by a system, a data request that queries data stored in one or more nodes of the system. The system determines, based at least on a data volume of the queried data, whether to process the data request using serial execution or parallel execution. In response to determining to use serial execution, the system dynamically processes the data request, using one of a local execution method, a remote execution method, or a distributed execution method. In response to determining to use parallel execution, the system dynamically processes the data request using one of a local parallelism method or a distributed parallelism method.

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