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(54) Title: DATABASE SYSTEM USING BATCH-ORIENTED COMPUTATION

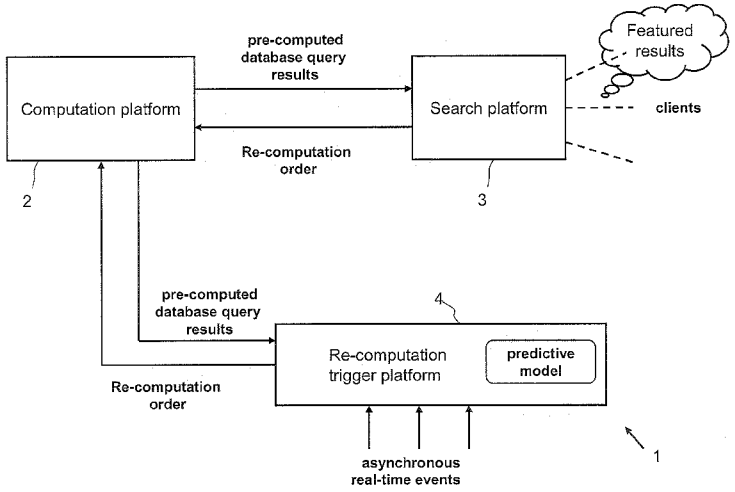


Fig. 1

(57) Abstract: A database system comprises a computation platform and a search platform. The computation platform receives batch re-computation orders from the search platform. Each batch re-computation order instructs the computation platform to compute a plurality of database query results. The computation platform processes a batch re- computation order by computing the plurality of database query results according to a batch processing schedule within a given time frame. It returns the computed database query results resulting from the batch re-computation order to the search platform. The search platform maintains the computed database query results in a memory and makes the computed database query results available to clients which are connected to the search platform. The search platform transmits the batch re- computation orders to the computation platform.

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