Title (en)
PRUNING INDEX FOR OPTIMIZATION OF PATTERN MATCHING QUERIES

Title (de)
PRUNING-INDEX ZUR OPTIMIERUNG VON MUSTERVERGLEICHSANFRAGEN

Title (fr)
INDICE DE NETTOYAGE POUR L'OPTIMISATION DE REQUÊTES D'APPARIEMENT DE MOTIFS

Publication
EP 4182808 A1 20230524 (EN)

Application
EP 21841334 A 20210630

Priority
- US 202016932462 A 20200717
- US 202063084394 P 20200928
- US 202017086228 A 20201030
- US 2021070808 W 20210630

Abstract (en)
[origin: WO2022016170A1] A query directed at a source table organized into a set of batch units is received. The query includes a pattern matching predicate that specifies a search pattern. A set of N-grams are generated based on the search pattern. A pruning index associated with the source table is accessed. The pruning index comprises a set of filters that index distinct N-grams in each column of the source table. The pruning index is used to identify a subset of batch units to scan for matching data based on the set of N- grams generated for the search pattern. The query is processed by scanning the subset of batch units.

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