

Title (en)
A METHOD FOR THE ROUTE AGGREGATION OF MOBILE IP ROUTES

Title (de)
VERFAHREN ZUR ROUTENAGGREGATION VON MOBIL-IP-ROUTEN

Title (fr)
PROCÉDÉ POUR LE REGROUPEMENT DE ROUTES MOBILES IP

Publication
EP 2225856 A1 20100908 (EN)

Application
EP 07870551 A 20071214

Priority
IN 2007000592 W 20071214

Abstract (en)
[origin: WO2009078028A1] A method for aggregating IP routes in a mobile communication network using a binary trie having a plurality of radix tries. The method comprises the steps of receiving a new IP route for insertion in the binary trie; identifying a radix trie associated with the new IP route; traversing the radix trie to reach a node therein under which the new IP route is to be inserted; incrementing, for a given node so traversed, a count of leaf nodes that are children of the given node; comparing the count to a maximum leaf count for the given node; and installing as an aggregated IP route in the binary trie, a prefix associated with the given node responsive to the count reaching the maximum leaf count for the given node.

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