

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.

IPC 8 full level  
**H04L 12/56** (2006.01)

CPC (source: EP)  
**H04L 45/00** (2013.01); **H04L 45/74591** (2022.05); **H04W 40/02** (2013.01); **H04W 80/04** (2013.01)

Citation (search report)  
See references of WO 2009078028A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2009078028 A1 20090625**; EP 2225856 A1 20100908

DOCDB simple family (application)  
**IN 2007000592 W 20071214**; EP 07870551 A 20071214