

Title (en)

MULTIPLE TREE HIERARCHICAL COMMUNICATION SYSTEM AND METHOD

Title (de)

KOMMUNIKATIONSSYSTEM UND - VERFAHREN MIT EINER MEHRFACHBAUMHIERARCHIE

Title (fr)

SYSTEME ET PROCEDE DE COMMUNICATION HIERARCHIQUE A ARBRES MULTIPLES

Publication

EP 1179268 A4 20020918 (EN)

Application

EP 01916255 A 20010227

Priority

- US 0106220 W 20010227
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Abstract (en)

[origin: WO0169948A1] A method and system for improving the registration process in a communication system, preferably an all IP communication system, wherein a set of Location Registration (LR) nodes are designed to handle mobile registration locally. When the mobile node registers with the home network from a foreign network, a Location Registration chain is established through these nodes. The information needed for the mobile node to access the network is distributed to these nodes from the home network. When the mobile node roams into a different visiting network or returns to its home network, the nearby location registration nodes then process the mobile registration and update the location chain accordingly.

IPC 1-7

H04Q 7/20; H04L 29/06; H04Q 7/38

IPC 8 full level

H04L 12/56 (2006.01); **H04L 29/06** (2006.01); **H04Q 7/34** (2006.01); **H04Q 7/38** (2006.01); **H04W 8/08** (2009.01); **H04W 80/04** (2009.01)

CPC (source: EP KR US)

H04L 63/08 (2013.01 - EP US); **H04L 63/0892** (2013.01 - EP); **H04W 8/08** (2013.01 - KR); **H04W 8/085** (2013.01 - EP);
H04W 12/06 (2013.01 - KR); **H04W 12/062** (2021.01 - EP US); **H04W 80/04** (2013.01 - EP)

Citation (search report)

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- [PX] WANG AND TANG: "universal Mobile (UMIP) Location Managment , draft-wang-mobileip-umip-00.txt", INTERNET ENGINEERING TASK FORCE (IETF) INTERNET DRAFT, 20 March 2000 (2000-03-20), XP002205900
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