

Title (en)  
MOBILE COMMUNICATIONS NETWORK

Title (de)  
MOBILES KOMMUNIKATIONSNETZ

Title (fr)  
RESEAU DE COMMUNICATIONS MOBILES

Publication  
**EP 1131962 A1 20010912 (EN)**

Application  
**EP 98961714 A 19981221**

Priority  
SG 9800106 W 19981221

Abstract (en)  
[origin: WO0038440A1] A mobile communications network architecture comprises two networks (1) that have entered into a roaming agreement. Individual mobile devices (2) that belong to subscribers of one of the networks are provided with memory means (22) for storing subscriber profile information (70) and a certification key of the network to which it is a subscriber. The other network includes data storage means that includes copies of the certification keys of all networks with which it has roaming agreements (100). Thus by checking the certification key the second network can verify the veracity of the user of the device and from the subscriber profile information may determine the level of service to which the user is entitled. This reduces connection set-up time and allows batch processing of billing information.

IPC 1-7  
**H04Q 7/20**; **H04Q 7/32**

IPC 8 full level  
**H04W 12/04** (2009.01); **H04W 8/12** (2009.01)

CPC (source: EP US)  
**H04L 63/061** (2013.01 - EP US); **H04W 12/04** (2013.01 - EP US); **H04W 12/069** (2021.01 - EP US); **H04L 63/0823** (2013.01 - EP); **H04W 8/12** (2013.01 - EP)

Citation (search report)  
See references of WO 0038440A1

Designated contracting state (EPC)  
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