Title (en)

Method for several mobile radio suppliers to jointly use a radio access network

Title (de)

Verfahren zur gemeinsamen Nutzung eines Funkzugangsnetzwerkes durch mehrere Mobilfunkanbieter

Title (fr)

Procédé pour l'utilisation conjointe d'un réseau d'accès radio mobile par plusieurs founisseurs de téléphonie mobile

Publication

EP 2273826 B9 20121128 (DE)

Application

EP 10011939 A 20040728

Priority

- EP 04741297 A 20040728
- DE 10334872 A 20030729

Abstract (en)

[origin: WO2005013583A2] The invention relates to a method for mobile radio suppliers to provide or share or jointly use a mobile radio access network. Said method is characterized in that a single radio access network (9; 12), which is operated according to UMTS standard, cdma2000 standard, or GSM standard, for example, is jointly used by several mobile radio suppliers. In order to do so, the mobile radio networks comprise a common radio access network but separate core networks. Preferably several PLMN IDs are transmitted by the common radio access network and are made available to the user terminal for selection. The inventive method allows a joint radio access network to be made accessible to different mobile radio suppliers, a mobile radio user selecting one of several transmitted preferably PLMN IDs and using services (CS or PS) via the associated core network of the selected mobile radio operator.

IPC 8 full level

H04W 48/18 (2009.01); H04W 48/12 (2009.01)

CPC (source: EP US)

H04W 48/18 (2013.01 - EP US); H04W 48/12 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005013583 A2 20050210; **WO 2005013583 A3 20050512**; AT E492135 T1 20110115; AT E557560 T1 20120515; DE 10334872 A1 20050310; DE 502004012003 D1 20110127; DK 1649670 T3 20110404; DK 2273826 T3 20120806; DK 2273826 T5 20130402; EP 1649670 A2 20060426; EP 1649670 B1 20101215; EP 1649670 B9 20110518; EP 2273826 A1 20110112; EP 2273826 B1 20120509; EP 2273826 B9 20121128; ES 2357838 T3 20110503; ES 2388258 T3 20121011; ES 2388258 T9 20130403; PL 1649670 T3 20110930; PL 2273826 T3 20121231; PT 1649670 E 20110315; PT 2273826 E 20120813; SI 1649670 T1 20110429; SI 2273826 T1 20120928; US 2007161373 A1 20070712; US 9386513 B2 20160705

DOCDB simple family (application)

EP 2004008430 W 20040728; AT 04741297 T 20040728; AT 10011939 T 20040728; DE 10334872 A 20030729; DE 502004012003 T 20040728; DK 04741297 T 20040728; DK 10011939 T 20040728; EP 04741297 A 20040728; EP 10011939 A 20040728; ES 04741297 T 20040728; ES 10011939 T 20040728; PL 04741297 T 20040728; PL 10011939 T 20040728; PT 04741297 T 20040728; PT 10011939 T 20040728; SI 200431624 T 20040728; SI 200431906 T 20040728; US 56591204 A 20040728