Title (en)

A GATEWAY UNIT

Title (de)

NETZÜBERGANGSEINRICHTUNG

Title (fr)

UNITE PASSERELLE

Publication

EP 0909523 A4 20010117 (EN)

Application

EP 97934096 A 19970710

Priority

- US 9712020 W 19970710
- US 2149096 P 19960710
- US 2549596 P 19960912
- US 3005196 P 19961106
- US 83573597 A 19970410

Abstract (en)

[origin: WO9802011A1] A gateway unit (90) which provides interoperability between disparate mobile communication networks by providing the necessary protocol conversions between the different mobile networks. The gateway unit can be a stand-alone unit or co-located with a mobile switching center (MSC 33) within North America or in a foreign country. In either case, the gateway unit serves as an interconnection point between two or more networks and comprises the elements of a processor, software, and memory. All of which could be provided on a circuit board or in a conventional personal computer. Preferably the conversions are performed through the use of a series of look-up tables stored in memory. Once the incoming messages received (37) from a first communications network have been converted, they are subsequently forwarded (69) to their destination in the second communications network.

IPC 1-7

H04Q 7/38

IPC 8 full level

H04Q 7/24 (2006.01); **H04W 88/16** (2009.01); H04Q 7/38 (2006.01); H04W 92/02 (2009.01)

CPC (source: EP)

H04W 88/16 (2013.01); H04W 92/02 (2013.01)

Citation (search report)

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- [A] YI-BING LIN ET AL: "SUPPORTING INTERCONNECTION WITH THE PSTN PCS NETWORK SIGNALING USING SS7", IEEE PERSONAL COMMUNICATIONS,US,IEEE COMMUNICATIONS SOCIETY, VOL. 2, NR. 3, PAGE(S) 44-55, ISSN: 1070-9916, XP000506581
- See references of WO 9802011A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9802011 A1 19980115; AU 3723497 A 19980202; CA 2260108 A1 19980115; EP 0909523 A1 19990421; EP 0909523 A4 20010117

DOCDB simple family (application)

US 9712020 W 19970710; AU 3723497 A 19970710; CA 2260108 A 19970710; EP 97934096 A 19970710