

Title (en)
SYSTEM FOR INTER-COMMUNICATION BETWEEN LAND MOBILE RADIO AND PUSH-TO-TALK-OVER-CELLULAR SYSTEMS

Title (de)
SYSTEM ZUR INTERKOMMUNICATION ZWISCHEN LANDMOBILFUNK- UND PUSH-TO TALK-OVER CELLULAR-SYSTEMEN

Title (fr)
SYSTÈME POUR INTERCOMMUNICATION ENTRE UN SYSTÈME DE RADIO MOBILE TERRESTRE ET UN SYSTÈME CELLULAIRE DE TYPE APPUYER-POUR-PARLER

Publication
EP 3210400 A1 20170830 (EN)

Application
EP 15851730 A 20151021

Priority
• US 201462066533 P 20141021
• US 2015056712 W 20151021

Abstract (en)
[origin: WO2016065036A1] A network-to-network interface (NNI) gateway for inter-communication between a Push-to-Talk-over-Cellular (PoC) system in a first wireless network and a Land Mobile Radio (LMR) system in a second wireless network. The PoC system performs a PoC call session for PoC mobile units in the first wireless network. The LMR system performs a Push-to-Talk (PTT) call session for LMR subscriber units in the second wireless network. Both the PoC and PTT call sessions comprise an instant two-way half-duplex voice call within a group of the PoC mobile units and/or LMR subscriber units. The gateway bridges the LMR system to the PoC system, such that the PoC system is exposed to the LMR system as an emulated LMR system, the LMR system is exposed to the PoC system as an emulated PoC system, and calls are placed across the first and second wireless networks between the PoC mobile units and LMR subscriber units.

IPC 8 full level
H04W 4/10 (2009.01)

CPC (source: EP)
H04L 65/104 (2013.01); **H04L 65/4061** (2013.01); **H04L 67/54** (2022.05); **H04W 4/10** (2013.01); **H04W 76/45** (2018.01); **H04W 84/042** (2013.01); **H04W 84/08** (2013.01)

Cited by
CN111836208A

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016065036 A1 20160428; CA 2963688 A1 20160428; EP 3210400 A1 20170830; EP 3210400 A4 20180418; MX 2017005197 A 20171004

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