

Title (en)

METHOD FOR OPTIMIZING RECONFIGURATION PROCESSES IN A MOBILE RADIO NETWORK COMPRISING RECONFIGURABLE TERMINALS

Title (de)

VERFAHREN ZUR OPTIMIERUNG VON REKONFIGURATIONSPROZESSEN IN EINEM MOBILFUNKNETZWERK MIT REKONFIGURIERBAREN ENDGERÄTEN

Title (fr)

PROCEDE POUR OPTIMALISER DES PROCESSUS DE RECONFIGURATION DANS UN RESEAU DE TELEPHONIE MOBILE COMPRENANT DES TERMINAUX RECONFIGURABLES

Publication

EP 1749413 A1 20070207 (DE)

Application

EP 05749111 A 20050523

Priority

- EP 2005052344 W 20050523
- DE 102004025734 A 20040526

Abstract (en)

[origin: WO2005117480A1] The invention essentially relates to access-protected memory zones in network elements that are localized in an operator's network while supporting the reconfiguration of SDR terminals in combination with protected data transmission methods which preferably include methods for authenticating and authorizing the communication partners and for communicating in a protected manner, especially to protect integrity and confidentiality. Such access-protected data is provided by the terminal and is transmitted to the radio access network (RAN) in the framework of negotiations and is temporarily stored therein or is generated directly in the RAN in the framework of processes related to the terminal. Another important embodiment of the invention relates to the generation and management of access-protected memory zones by the network operator, resulting in a massive relief of the load to which the air interface is subject while also significantly alleviating the network infrastructure with regard to signaling.

IPC 8 full level

H04W 12/06 (2009.01); **H04W 24/02** (2009.01); **H04W 8/24** (2009.01); **H04W 28/18** (2009.01); **H04W 88/02** (2009.01)

CPC (source: EP US)

H04L 63/08 (2013.01 - EP US); **H04W 12/35** (2021.01 - EP US); **H04W 24/02** (2013.01 - EP US); **H04W 8/245** (2013.01 - EP US); **H04W 12/06** (2013.01 - EP US); **H04W 12/08** (2013.01 - EP US); **H04W 28/18** (2013.01 - EP US); **H04W 88/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2005117480A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005117480 A1 20051208; CN 1961598 A 20070509; DE 102004025734 A1 20051222; DE 102004025734 B4 20060727; EP 1749413 A1 20070207; US 2008307531 A1 20081211

DOCDB simple family (application)

EP 2005052344 W 20050523; CN 200580017105 A 20050523; DE 102004025734 A 20040526; EP 05749111 A 20050523; US 59758406 A 20061127