

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

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Priority

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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

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