

Title (en)

METHOD, AND ASSOCIATED APPARATUS, FOR GENERATING SECURITY KEYS IN A COMMUNICATION SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUM ERZEUGEN VON SICHERHEITSSCHLÜSSELN IN EINEM KOMMUNIKATIONSSYSTEM

Title (fr)

PROCEDE ET DISPOSITIF ASSOCIE POUR PRODUIRE DES CLES DE SECURITE DANS UN SYSTEME DE COMMUNICATION

Publication

**EP 1269783 A2 20030102 (EN)**

Application

**EP 01912044 A 20010312**

Priority

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Abstract (en)

[origin: WO0169838A2] A method (44), and an associated apparatus, is provided for exchanging security keys between mobile terminals (12, 14) operable in a GSM cellular, or other, communication system (10). When implemented in a GSM cellular communication system (10), SIM-card (34, 36) information is utilized in the generation of the keys which are exchanged between the mobile terminals (12, 14) and thereafter are utilized to secure data which is to be transmitted between the mobile terminals (12, 14) during a communication session.

[origin: WO0169838A2] A method (44), and an associated apparatus, is provided for generating a ciphering key used in communications between mobile terminals (12, 14) operable in a GSM cellular, or other communication system (10). When implemented in a GSM cellular communication system (10), SIM-card (34, 36) information is utilized in establishing a secure link between a first and second mobile terminal (12, 14) and a trusted party (26, 28). Public keys are exchanged between the first and second mobile terminal via these links thus generating a secret session key utilized to secure data which is to be transmitted between the mobile terminals (12, 14) during a communication session.

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**H04Q 7/38**

IPC 8 full level

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Citation (search report)

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