

Title (en)

METHOD FOR AUTHENTICATING A COMMUNICATIONS UNIT WHILE USING A LASTING PROGRAMMED SECRET CODE WORD

Title (de)

VERFAHREN ZUR AUTHENTIFIZIERUNG EINER KOMMUNIKATIONSEINHEIT UNTER VERWENDUNG EINES DAUERHAFT EINPROGRAMMIERTEN GEHEIMEN CODEWORDS

Title (fr)

PROCEDE D'AUTHENTIFICATION D'UNE UNITE DE COMMUNICATION A L'AIDE D'UN MOT DE CODE SECRET STOCKE DE MANIERE PERMANENTE DANS UN PROGRAMME

Publication

EP 1754358 A1 20070221 (DE)

Application

EP 05717100 A 20050318

Priority

- EP 2005051261 W 20050318
- DE 102004024648 A 20040518

Abstract (en)

[origin: WO2005114945A1] The invention relates to a method for authenticating a communications unit (KE) in which a secret code word (CWD) is programmed in a permanent memory (SP) in order to reliably verify the communications unit (KE), and during a logging-in process of the communications unit (KE) to a service provider in a communications network (KN), the secret code word (CWD) is used for generating a message (NA) that is sent (1) to the service provider. This message (NA) is used for verifying whether the communications unit (KE) authenticated therewith is authorized to obtain a service (DN1). The inventive method is advantageous in that a communications unit (KE), which is connected to a communications network (KN) via an access point (ZP1), is clearly identified. As a result, it is ensured that services (DNx) of a communications network (KN) are obtained only with corresponding appropriate communications units (KE) that are authorized by the communications network operator.

IPC 8 full level

H04L 29/06 (2006.01); **G06F 21/00** (2006.01); **H04L 9/32** (2006.01)

CPC (source: EP US)

H04L 63/0823 (2013.01 - EP US); **H04L 63/083** (2013.01 - EP US); **H04L 63/0876** (2013.01 - EP US)

Citation (search report)

See references of WO 2005114945A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2005114945 A1 20051201; CN 1954581 A 20070425; DE 102004024648 A1 20051222; EP 1754358 A1 20070221; US 2007234407 A1 20071004

DOCDB simple family (application)

EP 2005051261 W 20050318; CN 200580015854 A 20050318; DE 102004024648 A 20040518; EP 05717100 A 20050318; US 59673005 A 20050318