

Title (en)

SECURITY SYSTEM FOR DEVICES OF A WIRELESS NETWORK

Title (de)

SICHERHEITSSYSTEM FÜR GERÄTE EINES DRAHTLOSEN NETZWERKS

Title (fr)

SYSTEME DE SECURITE POUR APPAREILS D'UN RESEAU SANS FIL

Publication

EP 1527589 A1 20050504 (DE)

Application

EP 03766523 A 20030725

Priority

- DE 10234643 A 20020729
- IB 0302978 W 20030725

Abstract (en)

[origin: WO2004014040A1] The invention relates to a security system for wireless networks. Said system comprises a first portable unit, which contains a memory (3) for storing a universally unambiguous key data record (4) and is designed to transmit the key data record (4) over short distances. A receiving device (7), which comprises a receiver (9) for receiving the key data record (4) and an evaluation component (11) for storing, processing and/or forwarding the key data record (4) or part of the key data record to a second component, is provided in at least one wireless device (2) of the network. The devices of the wireless network acquire a common secret key by means of the key data record, said key enabling the encoding and decoding of the transmitted useful data and/or authentication. According to an optional embodiment of the invention, the key data record can be derived from the biometric characteristics of a user and entered in the portable unit.

IPC 1-7

H04L 29/06

IPC 8 full level

H04L 9/08 (2006.01); **H04L 12/28** (2006.01); **H04L 12/56** (2006.01); **H04L 29/06** (2006.01); **H04W 12/00** (2009.01); **H04W 12/06** (2009.01); **H04W 84/12** (2009.01)

CPC (source: EP KR US)

H04L 63/062 (2013.01 - EP KR US); **H04L 63/0853** (2013.01 - EP KR US); **H04L 63/0861** (2013.01 - KR); **H04L 63/18** (2013.01 - KR); **H04W 12/50** (2021.01 - EP US); **H04W 84/12** (2013.01 - KR); **H04L 63/0861** (2013.01 - EP US); **H04L 63/18** (2013.01 - EP US); **H04W 84/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2004014040A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 10254747 A1 20040219; AU 2003247003 A1 20040223; CN 1672384 A 20050921; EP 1527589 A1 20050504; JP 2005535199 A 20051117; KR 20050033636 A 20050412; US 2008267404 A1 20081030; WO 2004014040 A1 20040212

DOCDB simple family (application)

DE 10254747 A 20021123; AU 2003247003 A 20030725; CN 03818208 A 20030725; EP 03766523 A 20030725; IB 0302978 W 20030725; JP 2004525614 A 20030725; KR 20057001667 A 20050128; US 52229903 A 20030725