

Title (en)

Wearfree programmable electronic locking device

Title (de)

Verschleissfreie programmierbare elektronische Schliessvorrichtung

Title (fr)

Dispositif électronique programmable de fermeture sans usure

Publication

**EP 0911466 B2 20100120 (DE)**

Application

**EP 98119014 A 19981008**

Priority

DE 29718319 U 19971016

Abstract (en)

[origin: EP0911466A2] The security system has a programmable electronic key (2.0) which is positioned into the electronic lock (1.0) with which it has a contactless communication via transceivers (1.3, 2.3) in each unit. A programmed code in the memory (2.1) of the key is compared with a stored code in the lock memory (1.1) to operate the release of the lock. Additional security is provided by crypto-graphic blocks (1.5, 2.4) in each unit.

IPC 8 full level

**E05B 49/00** (2006.01); **G07C 9/00** (2006.01); **G07F 17/12** (2006.01)

CPC (source: EP)

**G07C 9/00309** (2013.01); **G07C 9/00896** (2013.01); **G07C 2009/00412** (2013.01); **G07C 2009/00603** (2013.01); **G07C 2009/00777** (2013.01); **G07C 2209/08** (2013.01)

Citation (opposition)

Opponent :

- DE 19528250 C2 19970619 - POHLEN NORBERT HEINRICH [DE]
- "Security", SECURITY UPDATE, vol. 2/1996, February 1996 (1996-02-01) - February 1996 (1996-02-01)
- KABA AG: "LEGIC news", LEGIC NEWS, vol. 1/1996, January 1996 (1996-01-01) - January 1996 (1996-01-01)
- FA. GANTNER ELECTRONIC GMBH AUF DER MESSE SECURITY 1996, STANDFOTOS MESSE SECURITY 1996, vol. 1996, 8 October 1996 (1996-10-08) - 11 October 1996 (1996-10-11)
- FA. GANTNER ELECTRONIC GMBH, MESSEANMELDUNG UND STANDFOTOS CEBIT, vol. 03/1997, March 1997 (1997-03-01) - March 1997 (1997-03-01), MESSE CEBIT 1997
- GANTNER ELECTRONIC GMBH, LEGIC ARMBAND (LTAG 50)
- GANTNER ELECTRONIC GMBH, SCHRANKVERRIEGELUNG (LSS 100), March 1997 (1997-03-01) - March 1997 (1997-03-01), CEBIT MÄRZ 1997
- GANTNER ELECTRONIC GMBH, PRESSEMAPPE FÜR DIE MESSE FACILITY IN WIEN 1997, April 1997 (1997-04-01) - April 1997 (1997-04-01), WIEN 1997 MESSE FACILITY

Cited by

DE102012013702A1; DE102012013703A1; DE102006039843A1; DE102012015407B4; DE19942788A1; DE102012013703B4; EP1724731A1; DE102015117041A1; DE102012015407A1; DE202008009787U1; DE102012018323A1; DE102012018323B4; DE102012017846A1; DE102012017820A1; EP2487652B1

Designated contracting state (EPC)

AT DE ES FR GB IT

DOCDB simple family (publication)

**EP 0911466 A2 19990428**; **EP 0911466 A3 20001018**; **EP 0911466 B1 20040102**; **EP 0911466 B2 20100120**; AT E257206 T1 20040115; DE 29718319 U1 19980122; DE 59810523 D1 20040205

DOCDB simple family (application)

**EP 98119014 A 19981008**; AT 98119014 T 19981008; DE 29718319 U 19971016; DE 59810523 T 19981008