

Title (en)

Procedure for control of interlock and lock

Title (de)

Verfahren zur Steuerung der Verriegelung von Verschlüssen und Verschluss

Title (fr)

Procédé de contrôle de verrouillage de serrure, et serrure

Publication

EP 1780680 A1 20070502 (FR)

Application

EP 05109900 A 20051024

Priority

EP 05109900 A 20051024

Abstract (en)

The method involves identifying a user (4) close to an electronic lock (5), displaying a question by the lock, and transmitting, via e.g. e-mail, short message system (SMS) message, the question to an electronic locks managing central computer (1). The central computer computes the answer to the question and transmits the computed answer to the user who presents the answer in the lock. The lock verifies the answer and decides on unlocking of the lock based on the answer. A receipt code is displayed by the lock and transmitted to the central computer by the user. Independent claims are also included for the following: (1) an electronic lock (2) a method for an electronic locks managing central.

IPC 8 full level

G07C 9/00 (2006.01)

CPC (source: EP US)

G07C 9/00571 (2013.01 - EP US); **G07C 9/00698** (2013.01 - EP US); **G07C 9/38** (2020.01 - EP US); **G07C 2009/00388** (2013.01 - EP US); **G07C 2209/08** (2013.01 - EP US); **Y10T 70/7068** (2015.04 - EP US)

Citation (applicant)

EP 0546701 A2 19930616 - BRINK S INC [US]

Citation (search report)

- [X] EP 0935041 A1 19990811 - MARTINEAU CHRISTIAN [FR], et al
- [Y] WO 0159725 A1 20010816 - SIEMENS AG [DE], et al
- [Y] US 5259029 A 19931102 - DUNCAN JR F JEFF [US]
- [A] US 2003231103 A1 20031218 - FISHER SCOTT R [US]
- [A] EP 1281588 A2 20030205 - SIEMENS AG [DE]
- [A] US 5367572 A 19941122 - WEISS KENNETH P [US]
- [A] WO 0103078 A1 20010111 - HOEILI JENS PETTER [NO]

Cited by

CN106056713A; US8779891B2; WO2010097178A1; WO2010134053A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1780680 A1 20070502; **EP 1780680 B1 20180117**; AU 2006307977 A1 20070503; AU 2006307977 B2 20120301; CN 101297327 A 20081029; CN 101297327 B 20130403; ES 2664947 T3 20180424; HK 1125727 A1 20090814; MY 149673 A 20130930; US 2009320538 A1 20091231; WO 2007048749 A1 20070503; ZA 200803528 B 20090826

DOCDB simple family (application)

EP 05109900 A 20051024; AU 2006307977 A 20061019; CN 200680039785 A 20061019; EP 2006067589 W 20061019; ES 05109900 T 20051024; HK 09103516 A 20090416; MY PI20081235 A 20061019; US 10496708 A 20080417; ZA 200803528 A 20061019