

Title (en)
HOLDING COIL FOR ELECTRONIC LOCK

Title (de)
HALTESPULE FÜR EIN ELEKTRONISCHES SCHLOSS

Title (fr)
BOBINE DE MAINTIEN POUR SERRURE ÉLECTRONIQUE

Publication
EP 2408983 B1 20171101 (EN)

Application
EP 09842012 A 20090320

Priority
US 2009037864 W 20090320

Abstract (en)
[origin: WO2010107444A1] An electronic lock may include a locking mechanism and a cartridge having a body portion and one or more extension receiving portions that may receive the locking mechanism. The lock may also include a first coil positioned around the cartridge, a core disposed within the cartridge and substantially within the first coil, and a second coil positioned around the cartridge. The second coil may be spaced from the first coil. In addition, a first sliding barrier may be disposed within the cartridge, which barrier may be selectively in communication with the locking mechanism. A control circuit may be included in the lock, which may energize the first and second coils to cause the first sliding barrier to move from a first position magnetically attracted to the core to a second position magnetically attracted to the second coil and thereby allow actuation of the locking mechanism.

IPC 8 full level
E05B 47/00 (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP)
E05B 47/063 (2013.01); **E05B 47/0673** (2013.01); **E05B 47/0004** (2013.01); **E05B 47/0006** (2013.01); **E05B 2047/0007** (2013.01); **E05B 2047/0063** (2013.01); **G07C 2009/00777** (2013.01); **H01F 7/08** (2013.01)

Cited by
CN108915395A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2010107444 A1 20100923; EP 2408983 A1 20120125; EP 2408983 A4 20150114; EP 2408983 B1 20171101; ES 2651928 T3 20180130

DOCDB simple family (application)
US 2009037864 W 20090320; EP 09842012 A 20090320; ES 09842012 T 20090320