

Title (en)
Motorized safety lock

Title (de)
Motorisiertes Sicherheitsschloss

Title (fr)
Serrure de sécurité motorisée

Publication
EP 1069264 B1 20060405 (FR)

Application
EP 99113431 A 19990712

Priority
EP 99113431 A 19990712

Abstract (en)
[origin: EP1069264A1] Lock has housing (1) with bolt (3), and system for controlling bolt displacement (5). Bolt is placed in opening (13) with lateral clearances so as to slide with no friction between retracted and exit positions. Control system has one-way engine powered by battery, and electronic part including data entry and display. Engine is attached to bolt through circular cam (25) and driving lever (27).

IPC 8 full level
E05B 47/00 (2006.01); **E05B 15/04** (2006.01); **E05B 17/20** (2006.01); **E05B 43/00** (2006.01)

CPC (source: EP US)
E05B 47/0012 (2013.01 - EP US); **E05B 17/2092** (2013.01 - EP US); **E05B 43/00** (2013.01 - EP US); **E05B 2015/0486** (2013.01 - EP US); **E05B 2047/0024** (2013.01 - EP US); **E05B 2047/0031** (2013.01 - EP US); **E05B 2047/0069** (2013.01 - EP US); **Y10T 70/7068** (2015.04 - EP US); **Y10T 70/7424** (2015.04 - EP US)

Cited by
EP1760230A3; FR2905401A1; EP2050902A1; EP2331780A4; EP3418477A1; WO2009049433A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 1069264 A1 20010117; **EP 1069264 B1 20060405**; CA 2312513 A1 20010112; CA 2312513 C 20090127; DE 69930736 D1 20060518; DE 69930736 T2 20070104; ES 2262271 T3 20061116; US 6434987 B1 20020820

DOCDB simple family (application)
EP 99113431 A 19990712; CA 2312513 A 20000622; DE 69930736 T 19990712; ES 99113431 T 19990712; US 61382500 A 20000711