

Title (en)

Electronically programmable lock with mobile push button

Title (de)

Schloss mit programmierbarer elektronischer Verschlussvorrichtung über beweglichen Druckknopf

Title (fr)

Serrure à fermeture électronique programmable, à bouton-poussoir mobile

Publication

**EP 2053185 B1 20130327 (FR)**

Application

**EP 08380129 A 20080430**

Priority

ES 200702794 A 20071025

Abstract (en)

[origin: EP2053185A2] The lock has a movable push-button (3) fixed to an oblong push-rod (5). The push-button moves in ascending and descending manner under the action of a spring (11) coaxial to a fixed slide (4). A tab (6) has ring bolts sliding in grooves (13) of the push-rod. A microcontroller (17) activates a solenoid (9) with an axle (15) that is projected at an end and placed on a surface of the push-rod by stopping the ascending movement. The axle has a hold down clamp (10) with a contact (16) at another end to indicate good operation of the lock conforming to programmed logic, to the microcontroller.

IPC 8 full level

**E05B 47/06** (2006.01); **E05C 1/06** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP ES US)

**E05B 1/0038** (2013.01 - EP ES US); **E05B 5/003** (2013.01 - ES US); **E05B 47/0657** (2013.01 - ES); **E05B 47/0673** (2013.01 - EP US); **E05C 1/06** (2013.01 - EP US); **E05B 9/00** (2013.01 - EP US); **Y10S 292/37** (2013.01 - EP US); **Y10T 70/5761** (2015.04 - EP US); **Y10T 70/5832** (2015.04 - EP US); **Y10T 70/7102** (2015.04 - EP US); **Y10T 70/713** (2015.04 - EP US); **Y10T 70/8027** (2015.04 - EP US); **Y10T 292/0995** (2015.04 - EP US); **Y10T 292/1021** (2015.04 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2053185 A2 20090429**; **EP 2053185 A3 20120425**; **EP 2053185 B1 20130327**; ES 2331500 A1 20100105; ES 2331500 B2 20100827; ES 2405540 T3 20130531; PL 2053185 T3 20130830; US 2009107192 A1 20090430; US 7540176 B2 20090602

DOCDB simple family (application)

**EP 08380129 A 20080430**; ES 08380129 T 20080430; ES 200702794 A 20071025; PL 08380129 T 20080430; US 11176108 A 20080429