

Title (en)
ELECTRIC LOCK DEVICE

Title (de)
ELEKTRISCHE VERRIEGELUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE VERROUILLAGE ÉLECTRIQUE

Publication
EP 3428373 A1 20190116 (EN)

Application
EP 17763033 A 20170301

Priority
• JP 2016044913 A 20160308
• JP 2017008067 W 20170301

Abstract (en)
An electric lock device is provided in order to enable a door to be opened through an operation performed on one operation target. Handle body (11) is moved between a first position of handle body (11) detected by a detector, a second position of a latch bolt in a released state, and a third position of the latch bolt in a latched state. First elastic member (6) exerts, on handle body (11) in the first position, resilient force for moving handle body (11) toward the third position. Second elastic member (7) exerts, on handle body (11) in the second position, resilient force for moving handle body (11) toward the third position. First elastic member (6) includes first arm (61) held by movable member (3). Second elastic member (7) includes first arm (71) held by a member of support (12) other than movable member (3).

IPC 8 full level
E05B 47/00 (2006.01); **E05B 49/00** (2006.01)

CPC (source: EP)
E05B 1/0038 (2013.01); **E05B 47/02** (2013.01); **E05B 17/0083** (2013.01); **E05B 17/226** (2013.01); **E05B 41/00** (2013.01); **E05B 47/0012** (2013.01); **E05B 63/143** (2013.01); **E05B 2001/0076** (2013.01); **E05B 2015/0448** (2013.01); **E05B 2047/0058** (2013.01); **E05B 2047/0059** (2013.01); **E05B 2047/0067** (2013.01); **E05B 2047/0068** (2013.01); **E05B 2047/0069** (2013.01); **E05B 2047/0084** (2013.01)

Cited by
GB2620301A; GB2620301B

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3428373 A1 20190116; **EP 3428373 A4 20190320**; **EP 3428373 B1 20210623**; JP 2017160645 A 20170914; JP 6735486 B2 20200805; WO 2017154693 A1 20170914

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EP 17763033 A 20170301; JP 2016044913 A 20160308; JP 2017008067 W 20170301