

Title (en)

Electric door lock with door stop mechanism

Title (de)

Elektrisches Türschloss mit Tür-Stopp-Mechanismus

Title (fr)

Verrou de porte électrique doté d'un mécanisme d'arrêt de porte

Publication

EP 2463460 A3 20140924 (DE)

Application

EP 11009672 A 20111208

Priority

- DE 102010054236 A 20101211
- DE 102011008904 A 20110119

Abstract (en)

[origin: EP2463460A2] The lock (15) has a blocked door bolt connected with a pivotable part of a door and guided into the lock. The door bolt is engaged in an opening of a bolt (3), which is rotatably supported and spring-loaded. The door bolt is controlled by a blocking lever (4) by lift magnets (7). A resilient pressure piece (10) is provided at displacement area of the door bolt, and holds the door bolt during opening of the lock in a predefined displacement position. The door bolt comprises a U-shaped opening in which the bolt is engaged with ends and two vertically high-standing wings. The lock comprises an LED support for an LED.

IPC 1-7

E05B 65/32; **E05B 65/12**

IPC 8 full level

E05B 47/06 (2006.01); **E05C 3/24** (2006.01); **E05C 19/16** (2006.01)

CPC (source: EP)

E05B 17/0037 (2013.01); **E05B 47/0607** (2013.01); **E05C 3/24** (2013.01); **E05C 17/52** (2013.01); **E05B 15/024** (2013.01); **E05B 17/10** (2013.01); **E05B 47/0004** (2013.01); **E05B 65/025** (2013.01); **E05B 2047/0067** (2013.01); **E05C 19/04** (2013.01)

Citation (search report)

- [A] GB 2470108 A 20101110 - BINDER GMBH [DE]
- [A] EP 1820926 A2 20070822 - MERITOR TECHNOLOGY INC [US]
- [A] CH 134312 A 19290731 - RIEGGER SEBASTIAN [CH]
- [A] DE 29922219 U1 20000224 - CHEN PING YEN [TW]
- [A] US 1467782 A 19230911 - ENGLUND GUSTAF A
- [AD] DE 3620928 A1 19880107 - KLEMM WOLF [DE]
- [AD] DE 9209053 U1 19920917
- [AD] DE 102007035218 A1 20090129 - KEBA AG [AT]

Cited by

CN103883173A; EP2685032A3; US2014338408A1; US10301845B2; US11261629B2; WO2023193034A1

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 2463460 A2 20120613; **EP 2463460 A3 20140924**; **EP 2463460 B1 20160928**; DE 102011008904 A1 20120614

DOCDB simple family (application)

EP 11009672 A 20111208; DE 102011008904 A 20110119