

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 B1 20160928 (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 8 full level

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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)

Cited by

CN103883173A; EP2685032A3; US2014338408A1; US10301845B2; US11261629B2; WO2023193034A1

Designated contracting state (EPC)

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