

Title (en)
Electromechanical door lock

Title (de)
Elektromechanisches Türschloss

Title (fr)
Serrure de porte électromécanique

Publication
EP 1617018 A3 20060510 (DE)

Application
EP 05014582 A 20050706

Priority
DE 102004034529 A 20040715

Abstract (en)
[origin: EP1617018A2] The electromechanical door lock (1) has a rectangular housing (2) containing a sliding locking bolt (3). An electrical actuator, especially an electric motor (4) is mounted adjacent to the bolt. A spring-loaded catch (5) is located on the other side of the actuator mechanism. The catch may help to center the bolt in the corresponding opening in the door frame plate (6). The catch has a movable central part (5b) and a wedge-shaped outer part (5a) engaging in a small opening in the door frame plate. A linkage (7-9) connects the actuator to the bolt and there is a holder (10) blocking motion of the catch.

IPC 8 full level
E05B 47/02 (2006.01); **E05B 59/00** (2006.01); **E05B 63/20** (2006.01)

CPC (source: EP)
E05B 63/20 (2013.01); **E05B 47/0012** (2013.01); **E05B 59/00** (2013.01); **E05B 65/1086** (2013.01); **E05B 2015/105** (2013.01); **E05B 2047/0017** (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 671 (M - 1726) 19 December 1994 (1994-12-19)

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