

Title (en)
Self-locking door lock

Title (de)
Selbstverriegelndes Türschloss

Title (fr)
Serrure de porte à verrouillage automatique

Publication
EP 2031162 B1 20140226 (DE)

Application
EP 08014669 A 20080819

Priority
DE 102007041350 A 20070830

Abstract (en)
[origin: EP2031162A2] The lock (1) has a locking device (91) and an actuating device (57) with a common pivoting plate (28) having a control cam (88) that directly engages with a locking bolt (11) in all positions of the bolt. The cam has a section (82) that is operative in a completely disengaged position of the bolt to prevent a displacement of the bolt by the force acting on a bolt head (17) from outside. The cam has another section (83) that is operative between a partially engaged intermediate position and a completely engaged position of the bolt to permit the displacement of the bolt by pivoting the plate.

IPC 8 full level
E05B 63/20 (2006.01); **E05B 47/06** (2006.01); **E05B 55/00** (2006.01); **E05B 59/00** (2006.01); **E05B 63/16** (2006.01)

CPC (source: EP)
E05B 47/0692 (2013.01); **E05B 55/00** (2013.01); **E05B 63/202** (2013.01); **E05B 59/00** (2013.01); **E05B 63/16** (2013.01); **E05B 65/1086** (2013.01)

Cited by
CN103122730A; CN104053846A; WO2013071672A1; WO2022199220A1

Designated contracting state (EPC)
DE TR

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