

Title (en)
Self-locking door lock

Title (de)
Selbstverriegelndes Türschloss

Title (fr)
Serrure de porte à verrouillage automatique

Publication
EP 2031162 A3 20130123 (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)

Citation (search report)
• [AD] DE 9407664 U1 19950907 - BKS GMBH [DE]
• [A] DE 3241273 A1 19840510 - THIEME HEINZ DIPL ING

Cited by
CN103122730A; CN104053846A; WO2013071672A1; WO2022199220A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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