

Title (en)
Self-locking latch-bolt lock

Title (de)
Selbstverriegelndes Fallenschloss

Title (fr)
Serrure avec un pêne demi-tour à verrouillage automatique

Publication
EP 2597233 A3 20160921 (DE)

Application
EP 12191761 A 20121108

Priority
DE 202011108234 U 20111124

Abstract (en)
[origin: EP2597233A2] The automatic locking latch lock comprises a trap arrangement (14) which brought in a lock case (10) under compression spring force between a retracted position, a middle case position and an extended locking position. A backset is modified between a pivot axis of a knob or a door handle and a face plate (12) of the lock case.

IPC 8 full level
E05B 63/20 (2006.01); **E05B 9/02** (2006.01); **E05B 59/00** (2006.01); **E05B 63/06** (2006.01); **E05B 15/10** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (2006.01); **E05B 63/04** (2006.01)

CPC (source: EP)
E05B 9/02 (2013.01); **E05B 63/06** (2013.01); **E05B 63/202** (2013.01); **E05B 15/102** (2013.01); **E05B 47/0676** (2013.01); **E05B 63/044** (2013.01); **E05B 2047/0058** (2013.01); **E05B 2047/0068** (2013.01); **E05B 2047/0084** (2013.01)

Citation (search report)

- [A] EP 1174570 A1 20020123 - HARROW PRODUCTS INC [US]
- [A] US 5918916 A 19990706 - KAJUCH PETE [US]
- [A] DE 522238 C 19310402 - KURT WEBER
- [A] DE 202011001842 U1 20110421 - BKS GMBH [DE]

Cited by
CN107842255A; EP2845971A1; FR3010437A1; CN109368461A; CN114999032A; CN114658268A

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)
DE 202011108234 U1 20111212; EP 2597233 A2 20130529; EP 2597233 A3 20160921; EP 2597233 B1 20180221

DOCDB simple family (application)
DE 202011108234 U 20111124; EP 12191761 A 20121108