

Title (en)
Automatic lock

Title (de)
Automatisches Schloss

Title (fr)
Verrouillage automatique

Publication
EP 2148029 A1 20100127 (EN)

Application
EP 09165943 A 20090721

Priority
ES 200801611 U 20080721

Abstract (en)
An automatic lock for locking a movable member (200) relative to a fixed member (400) comprises a mechanism box (30) arranged in said movable member (400), a pusher member (1) fitted on the box (30), driving means (20, 21, 12) of the pusher member (1) and a locking lever (6) for being displaceably driven by the pusher member (1) in said box (30) outwards therefrom, to a mutual locking position of the closure members (200, 400), or to the interior thereof, to a mutual unlocking position of the closure members (200, 400). Locking means (50) are provided to lock the locking lever (6) comprising a locking arm (2) rotatably mounted around a shaft (7) formed integrally with the locking lever (6), the locking arm (2) being drivable by the pusher member (1) so that in the locking position, the arm (2) is disposed in an angular position such that the locking lever (6) is prevented from being moved.

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

CPC (source: EP)
E05B 47/0046 (2013.01); **E05B 63/20** (2013.01); **E05B 17/2053** (2013.01)

Citation (applicant)
• ES 1036179 U 19970716 - RA BA CIERRES ELECTRICOS S A [ES]
• ES 2284369 A1 20071101 - MONTAJES ELECTRONICOS DORCAS S [ES]

Citation (search report)
• [X] US 6434987 B1 20020820 - JUIILLERAT DENIS [CH], et al
• [AD] ES 1036179 U 19970716 - RA BA CIERRES ELECTRICOS S A [ES]
• [AD] ES 2284369 A1 20071101 - MONTAJES ELECTRONICOS DORCAS S [ES]
• [A] WO 2008031528 A2 20080320 - ELDOMAT [DE], et al
• [A] US 5664812 A 19970909 - MARINONI MARIO [IT]

Cited by
EP2980339A1; ES2558185A1; CN103827419A; WO2012139555A3; WO2020245558A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2148029 A1 20100127; ES 1068812 U 20081216; ES 1068812 Y 20090316

DOCDB simple family (application)
EP 09165943 A 20090721; ES 200801611 U 20080721