

Title (en)
REVERSIBLE LATCH LOCK

Title (de)
UMKEHRBARES FALLENSCHLOSS

Title (fr)
VERROU DEMI-TOUR RÉVERSIBLE

Publication
EP 3045625 A1 20160720 (EN)

Application
EP 16151362 A 20160114

Priority
IT MI20150033 A 20150116

Abstract (en)
A reversible latch lock suitable for left-hand and right-hand doors; the latch lock comprises a box body (10), a front plate (12) provided with an opening (13) for a spring latch (14), and a latch slider assembly (14, 17) axially guided and elastically biased to slide between a retracted position inside the box body (10), and an advanced position in which the latch (14) partially protrudes from the opening (13) of the front plate (12). Snap engaging means (21, 24) are provided and configured for connecting the spring latch (14) to the slider (17) and for turning the latch (14) of 180°. The latch-slider assembly (14, 17) is movable in a more advanced position in respect to the front plate (12) to turn the latch (14) of 180°, by disengaging a protrusion (16) of a stop arm (31) of the slider (17), from a guide slot (15) on a side wall of the box body (10), by flexing the stop arm (31) by a tool insertable from outside, through a side of the opening (13) for the latch (14), or a side hole (33), in a position aligned to the stop arm (31) to turn and reverse the orientation of the latch (14).

IPC 8 full level
E05B 63/04 (2006.01)

CPC (source: EP)
E05B 63/044 (2013.01)

Citation (applicant)
• US 4695082 A 19870922 - MARKS GEORGE R [US]
• US 7510222 B2 20090331 - HODGIN CHRIS [US], et al
• US 6393878 B1 20020528 - FAYNGERSH ZAKHARY [US], et al
• US 4958866 A 19900925 - LARSSON INGMAR [SE]
• US 5123684 A 19920623 - YEH MING-TIEN [TW]
• FR 2787491 A1 20000623 - METALUX [FR]
• IT 1348100 B1

Citation (search report)
• [A] FR 2488644 A1 19820219 - GRETSCH UNITAS GMBH [DE]
• [A] EP 1247927 A1 20021009 - BRICARD SA [FR]
• [A] US 4958866 A 19900925 - LARSSON INGMAR [SE]
• [A] CH 685885 A5 19951031 - DOBLER JAKOB [CH]
• [A] US 2006232078 A1 20061019 - HODGIN CHRIS [US], et al

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

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DOCDB simple family (application)
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