

Title (en)

A MORTICE LOCK WITH A REVERSIBLE LATCH BOLT

Title (de)

EINSTECKSCHLOSS MIT WENDBAREM RIEGELBOLZEN

Title (fr)

SERRURE À MORTAISER AVEC UN PÊNE DEMI-TOUR RÉVERSIBLE

Publication

EP 3216953 A1 20170913 (EN)

Application

EP 16160034 A 20160311

Priority

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Abstract (en)

A mortice lock (1) with a housing (2) having a non-circular opening (13) and a latch bolt (3) with a longitudinal axis (9). The latch bolt (3) has a main portion (10) received in the non-circular opening (13) to prevent the latch bolt (3) from turning around its longitudinal axis (9). The lock (1) further comprises a guiding mechanism which enables pushing the latch bolt (3) inside the lock (1) into a position in which the main portion (10) is disengaged from the non-circular opening (13) and the latch bolt (3) can be reversed easily between a left-handed and a right-handed position without having to remove a front wall of the housing (2) and without having to release the latch bolt (3) to remove it from the lock (1).

IPC 8 full level

E05B 63/04 (2006.01); **E05B 15/10** (2006.01)

CPC (source: EP)

E05B 15/10 (2013.01); **E05B 63/044** (2013.01); **E05B 65/0007** (2013.01)

Citation (applicant)

- EP 2186974 A1 20100519 - TALPE JOSEPH [BE]
- GB 2439783 A 20080109 - MIDDLETON COLIN SIDNEY [GB]
- EP 2778323 A1 20140917 - LOCINOX [BE]

Citation (search report)

- [XAI] FR 1475955 A 19670407 - PETIT
- [XAI] FR 1376716 A 19641031 - GUERVILLE RIQUIER ETS
- [XAI] DE 1082155 B 19600519 - LUDWIG ROCHOLL & CIE
- [XAI] FR 1342326 A 19631108 - LAPERCHE SA

Cited by

CN112166259A; US2020347644A1; US11746565B2; US12024919B2; EP4310276A1

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)

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