

Title (en)
A LOCK FOR A HINGED CLOSURE MEMBER

Title (de)
SCHLOSS FÜR EIN SCHARNIERVERSCHLUSSELEMENT

Title (fr)
SERRURE POUR UN ÉLÉMENT DE FERMETURE ARTICULÉ

Publication
EP 4191006 A1 20230607 (EN)

Application
EP 22211482 A 20221205

Priority
EP 21212440 A 20211206

Abstract (en)
A lock (1) comprising: a frame (4); a dead bolt (3) and a latch bolt (2) both slideably mounted on the frame; a dead bolt lever (37) and a second turn latch bolt lever (55) both pivotally mounted on the frame; and a slideable second turn latch bolt driver (49) interposed between the dead bolt lever and the second turn latch bolt lever. The dead bolt lever and the second turn latch bolt driver comprise mutually cooperating guiding means to guide the second turn latch bolt driver. The mutually cooperating guiding means comprise: an elongated slot (54) and a separate guiding member (48) extending therethrough. The separate guiding member can be manufactured with a very low tolerance and can be accurately positioned with respect to the dead bolt lever or the second turn latch bolt driver. The elongated slot can be made narrower, thereby decreasing the leeway between the dead bolt lever and the second turn latch bolt driver.

IPC 8 full level
E05B 59/00 (2006.01); **E05B 63/04** (2006.01); **E05B 63/06** (2006.01)

CPC (source: EP)
E05B 59/00 (2013.01); **E05B 63/0021** (2013.01); **E05B 63/044** (2013.01); **E05B 63/06** (2013.01)

Citation (applicant)
• EP 1118559 A1 20010725 - CHRONOPOST SA [FR]
• EP 2915939 A1 20150909 - LOCINOX [BE]
• EP 3239440 A1 20171101 - LOCINOX [BE]
• EP 1118739 A1 20010725 - TALPE JOSEPH JR [BE]

Citation (search report)
• [I] EP 2915939 A1 20150909 - LOCINOX [BE]
• [IY] EP 1118739 B1 20050406 - TALPE JOSEPH JR [BE]
• [I] DE 8718121 U1 19950511 - FLIETHER KARL GMBH & CO [DE]
• [Y] EP 0786573 A2 19970730 - KOVINOPLASTIKA LOZ IND KOVINSK [SI]
• [A] DE 4143292 C2 20000518 - FLIETHER KARL GMBH & CO [DE]

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

Designated extension state (EPC)
BA

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