

Title (en)

Mortise lock with latch and bolt

Title (de)

Einsteckschloss mit Fallenriegel und Schlossriegel

Title (fr)

Serrure mortaisée avec pêne demi-tour et pêne dormant

Publication

**EP 0682167 B1 19980225 (DE)**

Application

**EP 95105074 A 19950405**

Priority

DE 9407664 U 19940509

Abstract (en)

[origin: EP0682167A1] A swivel disc (16) swivels on a trigger nut axis (a) and has a control boss (16'') exerting pressure on the adjacent bolt control lever arm end. The boss has a shape causing the lock bolt (5) to advance over the falling latch (4). The end of the double-armed bolt control lever (18) facing away from the lock bolt presses the lever towards the control boss on the control nut disc, and touches a leg spring (19). A spring-supported locking pawl (9) is positioned above the shaft (4') of the falling latch. <IMAGE>

IPC 1-7

**E05B 59/00**; **E05B 63/20**

IPC 8 full level

**E05B 59/00** (2006.01); **E05B 63/20** (2006.01); **E05B 63/16** (2006.01); **E05B 63/18** (2006.01); **E05B 65/10** (2006.01)

CPC (source: EP)

**E05B 55/12** (2013.01); **E05B 59/00** (2013.01); **E05B 63/202** (2013.01); **E05B 63/16** (2013.01); **E05B 63/185** (2013.01); **E05B 65/1086** (2013.01)

Cited by

CN113914713A; EP1437464A3; AU751131B2; US2022290475A1; US11591835B2; EP2719849A3; US2021355711A1; US11873662B2; DE102005015712A1; DE102005015712B4; DE19730552C1; CN109653595A; EP3795780A1; WO9831903A1; WO2020085976A1; DE202016001540U1; WO2017153125A1; US10822841B2; DE102012111526A1; DE102012111526B4; WO9925943A1; US7497486B1; US6302456B1; US8690203B1; DE202016001542U1; EP3216952A1; EP2290180B1; EP2719849B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0682167 A1 19951115**; **EP 0682167 B1 19980225**; AT E163455 T1 19980315; DE 59501474 D1 19980402; DE 9407664 U1 19950907

DOCDB simple family (application)

**EP 95105074 A 19950405**; AT 95105074 T 19950405; DE 59501474 T 19950405; DE 9407664 U 19940509