

Title (en)  
Lock with latch bolt and dead bolt

Title (de)  
Schloss mit Falle und Riegel

Title (fr)  
Serrure à pêne demi-tour et pêne dormant

Publication  
**EP 1132555 B1 20040721 (DE)**

Application  
**EP 01100487 A 20010109**

Priority  
• DE 10011457 A 20000310  
• DE 10024305 A 20000517

Abstract (en)  
[origin: EP1391572A1] The lock has the usual catch (1) connected to the spindle for the door handle (13). A nut arm carrier (25) has a coupling device (24) enabling adaptation from left-hand to right-hand operation. The nut arm carrier holds a second arm (15) engaging an actuating slider (12) with an elongated slot (22) with teeth (23) along one edge. A pinion (11) engages the teeth, and is geared (9) to two racks (4-7) operating the locking bolt (2). A security lock mechanism (3) may engage the bolt.

IPC 1-7  
**E05B 59/00**; E05B 63/00; E05B 65/10

IPC 8 full level  
**C11D 3/39** (2006.01); **E05B 59/00** (2006.01); **E05B 63/00** (2006.01); **E05B 63/16** (2006.01); **E05B 65/10** (2006.01); **E05B 13/00** (2006.01)

CPC (source: EP)  
**E05B 63/0021** (2013.01); **E05B 63/16** (2013.01); **E05B 65/1086** (2013.01); **E05B 13/005** (2013.01); **E05B 59/00** (2013.01)

Citation (examination)  
DE 3736592 A1 19890518 - KIRCHMANN NIEDERDRENK KG [DE]

Cited by  
EP1739257A1; ITAN20080055A1; IT201900000623A1; CN113302371A; WO2020148188A1

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