

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 A3 20021113 (DE)

Application
EP 01100487 A 20010109

Priority
• DE 10011457 A 20000310
• DE 10024305 A 20000517

Abstract (en)
[origin: EP1132555A2] The lock has a catch (1) and a bolt (2), with the bolt closure by engagement of a lock bit with a lock slider (5) movably located on the bolt tail (4). The lock slider has teeth (7), in which the teeth of a first statically located tooth segment (9) engages. The first tooth segment is rotatively coupled with a second tooth segment, in which a toothed arrangement (6) of the bolt tail engages so that the bolt has an extended outward movement. The tooth segments are coupled with an operating slider (12) movable crossways to the bolt outward movement, which to achieve a bolt drawback is displaceable by operation of a tumbler.

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 (search report)
• [DA] DE 4302920 A1 19940804 - FLIETHER KARL GMBH & CO [DE]
• [A] EP 0853177 A2 19980715 - FLIETHER KARL GMBH & CO [DE]
• [A] EP 0688930 A2 19951227 - FERCO INT USINE FERRURES [FR]
• [A] EP 0816608 A2 19980107 - WELKA SERRATURE SPA [IT]
• [A] EP 0620341 A1 19941019 - ITALIANA SERRATURE AFFINI [IT]
• [A] EP 0537531 A1 19930421 - BKS GMBH [DE]
• [A] EP 0913550 A2 19990506 - WINKHAUS FA AUGUST [DE]

Cited by
ITAN20080055A1; EP1739257A1; IT201900000623A1; CN113302371A; WO2020148188A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1132555 A2 20010912; **EP 1132555 A3 20021113**; **EP 1132555 B1 20040721**; AT E271640 T1 20040815; AT E329104 T1 20060615; DE 10024305 A1 20010913; DE 50102893 D1 20040826; DE 50110083 D1 20060720; DK 1132555 T3 20041129; EP 1391572 A1 20040225; EP 1391572 B1 20060607; ES 2220594 T3 20041216

DOCDB simple family (application)
EP 01100487 A 20010109; AT 01100487 T 20010109; AT 03022487 T 20010109; DE 10024305 A 20000517; DE 50102893 T 20010109; DE 50110083 T 20010109; DK 01100487 T 20010109; EP 03022487 A 20010109; ES 01100487 T 20010109