

Title (en)  
Mortise lock with plastic bolt

Title (de)  
Einsteckschloss mit Kunststoffriegel

Title (fr)  
Serrure encastrée avec un pêne plastique

Publication  
**EP 1223272 A3 20031119 (DE)**

Application  
**EP 01130554 A 20011221**

Priority  
DE 10100763 A 20010110

Abstract (en)  
[origin: DE10100763A1] The lock has a spring-tensioned latch bolt (3) and key-operated plastics bolt (4) with bolt tail (5). A spring member (8) is mounted in a free cut section (9) of the bolt tail which is spaced from both the top of the lock and from the bottom (11) of the lock. The tumbler is formed by two projections (7) of the spring member which fill out these spaces. The spring member has a hooked projection at its free end to be biased by the closing bit of the key.

IPC 1-7  
**E05B 15/10**; **E05B 15/14**; **E05B 15/16**

IPC 8 full level  
**E05B 15/10** (2006.01); **E05B 15/14** (2006.01); **E05B 15/16** (2006.01); **E05B 59/00** (2006.01); **E05B 63/04** (2006.01)

CPC (source: EP)  
**E05B 15/10** (2013.01); **E05B 15/143** (2013.01); **E05B 59/00** (2013.01); **E05B 63/04** (2013.01); **E05B 2015/165** (2013.01)

Citation (search report)

- [XA] DE 2753579 A1 19790607 - EATON GMBH
- [A] DE 1678049 A1 19710930 - JUL NIEDERDRENK FA
- [A] DE 2303726 A1 19740801 - PLASTIGLIDE PRODUCTS LTD
- [A] EP 0352495 A2 19900131 - BKS GMBH [DE]
- [A] US 4322958 A 19820406 - EIGEMEIER WILLI

Cited by  
CN104594713A

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 1223272 A2 20020717**; **EP 1223272 A3 20031119**; DE 10100763 A1 20020711; DE 10100763 B4 20160929; DE 20122859 U1 20080807

DOCDB simple family (application)  
**EP 01130554 A 20011221**; DE 10100763 A 20010110; DE 20122859 U 20010110