

Title (en)
Self-locking mortise lock

Title (de)
Selbstverriegelndes Einsteckschloss

Title (fr)
Serrure encastrée à verrouillage automatique

Publication
EP 0816602 B1 19990825 (DE)

Application
EP 97110217 A 19970623

Priority
DE 19626752 A 19960703

Abstract (en)
[origin: EP0816602A2] The lock (1) has a bolt (5) which is controlled by a slide (4), which can be moved longitudinally against the force of a spring, using a key. A spring-loaded component (7) locks the slide when the bolt is withdrawn, and allows the bolt to advance when the door is closed by releasing the locking action on the slide. The lock also has a cross latch (6), which is blocked by the slide when the bolt is advanced, and which is released by the slide when the bolt is withdrawn. When the latch is released, the slide is blocked when the key or a key-bit (8) rests against a stop (10) which is arranged in the region of the contour of the lock cylinder (9).

IPC 1-7
E05B 63/20; **E05B 63/08**; **E05B 59/00**

IPC 8 full level
E05B 55/00 (2006.01); **E05B 59/00** (2006.01); **E05B 63/08** (2006.01); **E05B 63/20** (2006.01); **E05B 63/00** (2006.01); **E05B 65/10** (2006.01)

CPC (source: EP)
E05B 55/00 (2013.01); **E05B 59/00** (2013.01); **E05B 63/0065** (2013.01); **E05B 63/20** (2013.01); **E05B 65/1086** (2013.01); **E05B 2015/105** (2013.01); **E05B 2063/207** (2013.01)

Cited by
EP1031687A1; EP2754795A3; GR1010491B; EP3243985A1; DE10206512A1; DE10206512B4; EP2151536A3; FR3099196A1; WO9967489A1; WO2009060483A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0816602 A2 19980107; **EP 0816602 A3 19980114**; **EP 0816602 B1 19990825**; AT E183802 T1 19990915; DE 19626752 A1 19980108; DE 19626752 C2 19980730; DE 59700363 D1 19990930

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