

Title (en)
Security lock

Title (de)
Sicherheitsschloss

Title (fr)
Serrure de sécurité

Publication
EP 0779404 B1 20040128 (DE)

Application
EP 96117818 A 19961107

Priority
DE 19546467 A 19951213

Abstract (en)
[origin: EP0779404A2] The security lock has an electro-mechanical bolt (2), which can be operated by an electromagnet or an electric motor, and which can also be operated mechanically by a key and tumbler mechanism, especially in the event of a power failure. The electro-mechanical operation of the bolt can also be released by a switch (17), which can be operated by a component of the tumbler mechanism which can only be moved by a key (S2) with a matching shape. The mechanism may have lock tumblers (6) which are operated directly by the key, and may have barrier tumblers (7) which are arranged on a shaft (8). The latter tumblers can be connected to the lock tumblers by couplings (6b,7a), and can move with the shaft relative to them, in order to operate the switch.

IPC 1-7
E05B 65/00

IPC 8 full level
E05B 21/06 (2006.01); **E05B 47/02** (2006.01); **E05B 47/06** (2006.01); **E05B 55/12** (2006.01); **E05B 63/00** (2006.01); **E05B 63/20** (2006.01); **E05B 65/00** (2006.01)

CPC (source: EP)
E05B 21/063 (2013.01); **E05B 47/0002** (2013.01); **E05B 47/023** (2013.01); **E05B 47/026** (2013.01); **E05B 47/0603** (2013.01); **E05B 55/12** (2013.01); **E05B 63/0069** (2013.01); **E05B 63/20** (2013.01); **E05B 65/0017** (2013.01); **E05B 47/0004** (2013.01)

Citation (examination)
• US 3751088 A 19730807 - SCHLAGE E
• DE 3443921 A1 19860605 - STEINBACH & VOLLMANN [DE]

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CN1317476C; ES2212698A1; AT407176B; AU2012216727B2; US6237379B1; US10947756B2

Designated contracting state (EPC)
AT FR GB NL SE

DOCDB simple family (publication)
EP 0779404 A2 19970618; EP 0779404 A3 19980520; EP 0779404 B1 20040128; AT E258636 T1 20040215; DE 19546467 C1 19970703

DOCDB simple family (application)
EP 96117818 A 19961107; AT 96117818 T 19961107; DE 19546467 A 19951213