

Title (en)

Multiple bolt lock

Title (de)

Mehrriegelschloss

Title (fr)

Serrure à plusieurs pènes

Publication

EP 0619409 B1 19970528 (DE)

Application

EP 94890053 A 19940308

Priority

AT 62393 A 19930326

Abstract (en)

[origin: EP0619409A1] A multiple-bolt lock with handle actuation comprises, in a lock case (1), a latch (12), a bolt (33) and, in each case, a connecting slide (7, 30) for two push rods (8, 31). A split follower or two followers (2, 3) with offset axes of rotation actuate the push rods (8, 31) via a lever mechanism (lever 4) on the one hand and via a toothed gear (29, 18, 19, 20, 21) on the other hand. A multiple-bolt lock, irrespective of the type of push-rod actuation, can have a blocking plate (40) which is actuatable by means of a lock cylinder and which can be pushed by means of a blocking nose (42) into a recess (43) of the push rod (8, 31) or of a connecting slide (7, 30) in the lock case (1) in order to block the locking. For the emergency opening of a blocked multiple-bolt lock, a slide (44) can be connected to the inner handle follower (2), which runs with a control edge (47) up against the blocking plate (40) and pulls the latter back into the release position. In order to prevent a self-locking position of the cylinder boss (38) relative to the control edge (41) of the blocking plate (40), there is provided a spring plate (52) which presses the cylinder boss (38) away out of the region of the control edge (41). <IMAGE>

IPC 1-7

E05B 63/00

IPC 8 full level

E05B 65/10 (2006.01); **E05C 9/12** (2006.01); **E05C 9/02** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP US)

E05B 63/16 (2013.01 - EP US); **E05B 65/1086** (2013.01 - EP US); **E05C 9/026** (2013.01 - EP US); **E05C 9/021** (2013.01 - EP US); **E05C 9/1841** (2013.01 - EP US); **Y10T 70/523** (2015.04 - EP US); **Y10T 292/0843** (2015.04 - EP US)

Cited by

DE202007002993U1; EP1965007A1; DE102010006316B4; EP2322744A1; CN104453475A; CN103206122A; RU2644112C2; FR2869936A1; DE19707762C1; EP0861960A3; CN103334648A; WO2014118015A1; US7334438B2

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