Title (en)

Lock having a bolt mounted in a lock casing in which it slides transversely

Title (de)

Schloss mit einem in einem Schlossgehäuse gelagerten seitlich herausbewegbaren Riegel

Title (fr)

Serrure avec pêne montée dans une boîte de serrure dans laquelle elle coulisse transversalement

Publication

EP 0821124 B1 20031022 (DE)

Application

EP 97111820 A 19970711

Priority

DE 19629866 A 19960724

Abstract (en)

[origin: EP0821124A2] The device has a lock bolt (3.1) which is fixable in a lockable position by a press button mechanism which is operable vertically to the housing plane. After application of an excess lift on the press button mechanism the bolt can be freed from the locking position. In an unlocked state the lock bolt is tensioned by a compression spring (3.4) in an outwardly pushed position, but is backwardly press held against spring force in the lock housing (3.2). The lock bolt has an inclined or rounded formation which works in conjunction with a stop (1.1) and is located so that it is capable of being pushed backwards. The pressure spring may be arranged between a central section of the rear side of the lock bolt and the front side of a stop (3.5) which is fixed to the housing.

IPC 1-7

E05C 1/14; E05B 63/22; E05C 19/02

IPC 8 full level

E05B 63/22 (2006.01); **E05C 1/14** (2006.01); **E05C 19/02** (2006.01); E05B 65/52 (2006.01)

CPC (source: EP)

E05B 63/22 (2013.01); **E05C 1/145** (2013.01); **E05C 19/02** (2013.01); E05B 65/52 (2013.01); E05C 19/022 (2013.01); E05C 19/028 (2013.01)

Cited by

CN107252739A; CN106869625A; CN112372545A; US2019106907A1; US10907380B2; CN114033263A

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0821124 A2 19980128; **EP 0821124 A3 19990714**; **EP 0821124 B1 20031022**; DE 19629866 A1 19980129; DE 19629866 C2 20001116; DE 59710876 D1 20031127; ES 2208789 T3 20040616

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