

Title (en)

Actuation device for a lock bolt

Title (de)

Antriebsvorrichtung für den Riegel eines Schlosses

Title (fr)

Dispositif d'actionnement d'un pêne d'une serrure

Publication

**EP 1260660 A3 20040616 (DE)**

Application

**EP 02011344 A 20020523**

Priority

ES 200101175 A 20010523

Abstract (en)

[origin: EP1260660A2] The follower (1) or door handle shaft which during rotary opening movement draws back a spring bolt (2) has a coaxial cam (8) rotatably coupled to same so that during normal rotary opening it turns rotationally secured but it can carry out independent rotation in the opposite direction. The cam has a circumferential projection (8a) which during this anti-opening rotation bears against a wing (9a) of a swing lever (9) which is fixed against spring action and has an attachment (9b) which bears against a ledge (10a) extending from a counter swing lever (10) which has an edge (10b) bearing from below up against a cross projection (6b) of the locking pawl plate (6). A lever (11) fixed freely rotatable coaxial with the swing lever has a swing lever arm (11a) and a bolt arm (11b) mutually spaced at an angular distance which is less than would be required so that the arms come into contact simultaneously with the wing of the swing lever in the rest state and with the back of the bolt in the retracted state.

IPC 1-7

**E05B 65/10**; E05B 59/00

IPC 8 full level

**E05B 59/00** (2006.01); **E05B 65/10** (2006.01); **E05B 63/00** (2006.01); **E05B 63/18** (2006.01)

CPC (source: EP US)

**E05B 59/00** (2013.01 - EP US); **E05B 65/1086** (2013.01 - EP US); **E05B 63/18** (2013.01 - EP US); **E05B 2015/105** (2013.01 - EP US); **E05B 2063/207** (2013.01 - EP US); **Y10S 292/04** (2013.01 - EP US); **Y10S 292/44** (2013.01 - EP US); **Y10S 292/65** (2013.01 - EP US); **Y10T 292/0982** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

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- [A] WO 9925943 A1 19990527 - ITALIANA SERRATURE AFFINI [IT], et al
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EP2322744A1; GB2423117A; GB2423117B; CN104234513A; WO2009008015A1; WO2005038175A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 02011344 A 20020523**; BR 0201688 A 20020509; CU 20020080 A 20020422; DO 2002000401 A 20020521; ES 200101175 A 20010523; MX PA02004944 A 20020516; RU 2002113446 A 20020522; US 14718902 A 20020516