

Title (en)

Actuation handle

Title (de)

Betätigungshandhabe

Title (fr)

Poignée d'actionnement

Publication

EP 1357243 A3 20051228 (DE)

Application

EP 03007558 A 20030401

Priority

DE 20206732 U 20020426

Abstract (en)

[origin: CA2424449A1] An operating device for doors, windows, etc. comprises a rosette (20) for holding a rotating handle (10) whose head (12) contains a lock cylinder (18) with an axially displaceable locking bolt (44) that is axially spring-loaded and automatically assumes an engaging position at a defined angle of rotation of the handle (10) by sliding over a stepped locking sleeve (30) of the rosette (20). The lock cylinder (18) has a core (40) with a radial opening (50) in a non-rotating wall (58) for controlled movement of a spindle (48) that radially extends from the locking bolt (44) which engages the locking sleeve in defined angular positions of the handle (10). The opening (50) extends over a peripheral angle of e.g. 180.degree. to 220.degree., and is a contoured window having a lower flat segment (52), a depression (54) and a steeper segment (flank 56). On top, two straight edge sections (62, 66) run out at a vertical intermediate edge (58) above the depression (54), with lateral edges of the opening (50) forming stops for the spindle (48). If the key S is in the cylinder (18), pivoting the handle (10) from a horizontal position into an upward position (12 o'clock) requires two-hand operation. As the handle (10) is turned down into a transverse position (3 o'clock or 9 o'clock), the locking bolt (44) engages behind a tangential stop (68) under spring load, whether or not the key (S) is in the lock cylinder (18).

IPC 1-7

E05B 13/10

IPC 8 full level

E05B 13/10 (2006.01); **E05B 17/04** (2006.01)

CPC (source: EP US)

E05B 13/106 (2013.01 - EP US); **E05B 17/04** (2013.01 - EP US); **Y10T 70/5146** (2015.04 - EP US); **Y10T 70/577** (2015.04 - EP US); **Y10T 70/5792** (2015.04 - EP US); **Y10T 70/5801** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

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- [X] GB 2200944 A 19880817 - HARDWARE & SYSTEMS PATENTS LTD
- [X] GB 2292969 A 19960313 - FENESEAL LTD [GB]

Cited by

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DOCDB simple family (publication)

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DOCDB simple family (application)

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