

Title (en)

Locking device, in particular a mortise lock for the wing of a door or a window

Title (de)

Verriegelungsvorrichtung, insbesondere Einsteckschloss für den Flügel einer Tür oder eines Fensters

Title (fr)

Dispositif de fermeture, en particulier serrure à encastrer dans un battant de porte-fenêtre ou analogue

Publication

EP 0894928 B1 20020911 (FR)

Application

EP 98401414 A 19980611

Priority

FR 9709866 A 19970801

Abstract (en)

[origin: EP0894928A1] The lock, incorporating a sliding long bolt (5) set in the edge of the window, comprises a mortised housing with a nut (14) which rotates about a geometrical axis lying perpendicular to the median plane of the housing. The nut has a hole (15) to receive a drive rod of matching cross-section, rotated by a handle (16) to turn the nut, which has a projecting arm (17) to slide the long bolt. The nut arm is offset relative to the centre of the nut so that it turns about a point (B) which lies further from the long bolt than the nut's axis of rotation (A). The lock also incorporates a component (21) which ensures a direct rotation of the nut arm with no need for an intermediate element.

IPC 1-7

E05C 9/02; E05B 63/00

IPC 8 full level

E05B 63/00 (2006.01); **E05C 9/02** (2006.01); **E05B 15/00** (2006.01); **E05B 15/16** (2006.01)

CPC (source: EP)

E05B 63/0021 (2013.01); **E05C 9/021** (2013.01); **E05C 9/026** (2013.01); **E05B 15/0053** (2013.01); **E05B 2015/1664** (2013.01)

Cited by

EP1103678A1; EP1103676A1; DE102006046347A1; EP1826345A3

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0894928 A1 19990203; **EP 0894928 B1 20020911**; DE 69807801 D1 20021017; DE 69807801 T2 20030710; FR 2766866 A1 19990205; FR 2766866 B1 19991008; HU 222225 B1 20030528; HU 9801727 D0 19980928; HU P9801727 A1 19990528

DOCDB simple family (application)

EP 98401414 A 19980611; DE 69807801 T 19980611; FR 9709866 A 19970801; HU P9801727 A 19980730