

Title (en)

Lever drive mechanism for driving a connecting rod of an espagnolette

Title (de)

Hebelgetriebe zum Antrieb einer Treibstange eines Treibstangenbeschlages

Title (fr)

Mecanisme à levier pour l'actionnement d'une tringle d'une crémone

Publication

EP 2405087 A2 20120111 (DE)

Application

EP 11172332 A 20110701

Priority

DE 102010031110 A 20100708

Abstract (en)

The drive (1) has a rocker (16) moving a lever (4) from an initial position into a protruding actuating position. A bearing pin (8) is guided in a longitudinal movable manner, and protrudes out from the lever. The rocker is provided with a side piece (18), and faces an end of the bearing pin, where the end of the bearing pin is turned away from the lever. A base body comprises a bearing for supporting the bearing pin. A slider (15) comprises a flange (20) that is connected with a connecting rod (2). The lever or press head (5) is held in the initial position via magnetic or spring force.

Abstract (de)

Ein Hebelgetriebe (1) zum Antrieb einer Treibstange (2) eines Treibstangenbeschlages hat eine an einem Lagerzapfen (8) eines schwenkbar gelagerten Hebels (4) angelenkte Wippe (16) zum Anheben des Hebels (4). Die Wippe (16) ist mit einem Druckknopf (5) gekoppelt. Durch Niederdrücken der Wippe (16) wird damit der Hebel (4) von einer versenkten Grundstellung in eine hervorstehende Betätigungsstellung bewegt.

IPC 8 full level

E05C 9/12 (2006.01); **E05B 5/04** (2006.01); **E05C 9/02** (2006.01); **E05C 7/04** (2006.01)

CPC (source: EP)

E05B 5/003 (2013.01); **E05C 9/021** (2013.01); **E05B 15/0073** (2013.01); **E05C 7/045** (2013.01)

Citation (applicant)

- EP 1790804 A2 20070530 - WINKHAUS FA AUGUST [DE]
- EP 0485767 B1 19950222 - WEIDTMANN WILHELM KG [DE]

Cited by

EP3118401A1; IT201900004037A1; FR3124536A1; EP4108856A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2405087 A2 20120111; **EP 2405087 A3 20150902**; **EP 2405087 B1 20170906**; DE 102010031110 A1 20120112

DOCDB simple family (application)

EP 11172332 A 20110701; DE 102010031110 A 20100708