

Title (en)

Drive for an espagnolette fitting of a window or a door

Title (de)

Antrieb eines Riegelstangenbeschlages eines Fensters oder einer Tür

Title (fr)

Entraînement d'une crémonne de fenêtre ou de porte

Publication

**EP 2770144 B1 20171220 (DE)**

Application

**EP 14155631 A 20140218**

Priority

- DE 202013100803 U 20130222
- DE 102013105303 A 20130523

Abstract (en)

[origin: EP2770143A2] The drive (5) has a casement frame (3) that is rotatably mounted on a handle (4) and a gear. The housing is provided with a mounted drive pinion meshing with a drive rack and an output gear. The toothed rack is meshed with a tie rod (6) coupled to the housing guided in a longitudinally displaceable portion. The axis of rotation of the driven pinion is parallel with respect to the displacement plane of the driving toothed rod. The extending axis of the drive pinion is oblique to the displacement plane of the handle facing away from an acute angle.

IPC 8 full level

**E05C 9/12** (2006.01); **E05C 9/02** (2006.01); **E05B 63/04** (2006.01)

CPC (source: EP)

**E05C 9/021** (2013.01); **E05B 63/04** (2013.01)

Cited by

CN104631976A

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

DOCDB simple family (publication)

**EP 2770143 A2 20140827; EP 2770143 A3 20160106; EP 2770143 B1 20170322**; DE 102013105303 A1 20140828; EP 2770144 A2 20140827; EP 2770144 A3 20160106; EP 2770144 B1 20171220; PL 2770143 T3 20170831; PL 2770144 T3 20180629

DOCDB simple family (application)

**EP 14155630 A 20140218**; DE 102013105303 A 20130523; EP 14155631 A 20140218; PL 14155630 T 20140218; PL 14155631 T 20140218