

Title (en)

Driving device for closures of the shutter or gate type, or similar

Title (de)

Antriebsvorrichtung für Schliesssystem wie Laden, Tor usw.

Title (fr)

Dispositif d'entraînement pour système de fermeture de type volet, portail ou similaire.

Publication

EP 1674647 A3 20101110 (FR)

Application

EP 05301101 A 20051222

Priority

- FR 0453218 A 20041223
- FR 0453220 A 20041223

Abstract (en)

[origin: EP1674647A2] The device has a driving unit (9) for controlling rotation of casements (3, 4) of a closing system through a transmission unit (8). The unit (8) has cams (25A, 25B) with which driving fingers (27A, 27B) act for controlling rotation of the casements. The cams are defined in a manner to provide an idle motion for the unit (8) with respect to the casements, in initial or final opening or closing control phase of the casements.

IPC 8 full level

E05F 15/12 (2006.01); **E05F 5/12** (2006.01); **E05F 17/00** (2006.01)

CPC (source: EP)

E05F 5/12 (2013.01); **E05F 15/627** (2015.01); **E05F 15/63** (2015.01); **E05F 17/004** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/236** (2013.01); **E05Y 2201/24** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2400/3013** (2024.05); **E05Y 2900/146** (2013.01)

Citation (search report)

- [XAY] FR 2717210 A1 19950915 - ROHEE RENE DENIS GEORGES [FR]
- [X] FR 2703396 A1 19941007 - SMOLIC JOSEPH [FR]
- [Y] FR 2646202 A1 19901026 - PEYRAMAURE MICHEL [FR]
- [XY] FR 2731461 A1 19960913 - AFBAT METAL [FR]
- [Y] FR 2815069 A1 20020412 - VOLTEC [FR]

Cited by

EP2400095A1; CN114229648A; ITMO20120283A1; EP1878862A1; ITPR20090052A1; US2019203520A1; US10669769B2; FR2961840A1; US2019389358A1; US10837222B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1674647 A2 20060628; EP 1674647 A3 20101110

DOCDB simple family (application)

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