

Title (en)

Drive for opening and/or closing a moveable leaf of a door or a window and method for operating the said drive

Title (de)

Antrieb zum Öffnen und/oder Schließen eines beweglichen Flügels einer Tür oder eines Fensters sowie Verfahren zum Betrieb dieses Antriebs

Title (fr)

Entraînement destiné à ouvrir et/ou fermer un battant mobile d'une porte ou d'une fenêtre et procédé de fonctionnement de cet entraînement

Publication

**EP 2679756 A3 20170118 (DE)**

Application

**EP 13173126 A 20130621**

Priority

DE 102012210814 A 20120626

Abstract (en)

[origin: EP2679756A2] The drive has a driven shaft (6) operatively connected with a leaf, and a spring device (21) pressurizing the leaf in a closing or opening direction. An engageable- and disengageable locking device (15) locks the spring device in an engaged position in a pre-tensioned manner. The locking device is formed such that the spring device effectively reaches a preset opening angle of the leaf. The locking device comprises spring pistons (20) dividing a cylinder into pressure chambers (22, 23) in a liquid-tight manner. The pressure chambers are connected over a hydraulic passage arrangement (25). An independent claim is also included for a method for operating a drive.

IPC 8 full level

**E05F 3/22** (2006.01)

CPC (source: EP)

**E05F 3/223** (2013.01); **E05F 15/611** (2015.01); **E05F 3/227** (2013.01); **E05F 2003/228** (2013.01); **E05F 2015/631** (2015.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [X] US 4115897 A 19780926 - ZUNKEL RICHARD L
- [X] DE 19513434 A1 19961010 - GEZE GMBH & CO [DE]

Cited by

EP2918763A1

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 2679756 A2 20140101**; **EP 2679756 A3 20170118**; **EP 2679756 B1 20200902**; DE 102012210814 A1 20140102;  
DE 102012210814 B4 20220714

DOCDB simple family (application)

**EP 13173126 A 20130621**; DE 102012210814 A 20120626