

Title (en)

Motor drive for swinging wings

Title (de)

Motorischer Antrieb für schwenkbaren Flügel

Title (fr)

Entraînement pour vantaux pivotants

Publication

EP 1780362 A1 20070502 (DE)

Application

EP 06117091 A 20060713

Priority

DE 102005000141 A 20051018

Abstract (en)

Fixed on a window casement/door leaf (WC/DL) (3), a drive casing (9) swivels in bearings on a bracket (11) in relation to the (WC/DL) on a second axle (12) parallel to a chain's axis of curvature or a toothed rack's axis of swivel. A point of application of force, at which a transfer element (TE) is applied on the casing, lies on a line formed by the TE and a bearing block (10) on a frame side.

IPC 8 full level

E05F 15/12 (2006.01)

CPC (source: EP)

E05F 15/619 (2015.01); **E05Y 2201/434** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (applicant)

- DE 9403755 U1 19950706 - DINGFELDER & HADLER U CO GMBH [DE]
- DE 29514179 U1 19961002 - ELEKTRIK ELEKTRONIK DINGFELDER [DE]
- DE 10002532 A1 20010726 - GEZE GMBH [DE]

Citation (search report)

- [XA] DE 20120604 U1 20020228 - WINKHAUS FA AUGUST [DE]
- [A] DE 9207269 U1 19930415
- [DA] DE 9403755 U1 19950706 - DINGFELDER & HADLER U CO GMBH [DE]
- [DA] DE 29514179 U1 19961002 - ELEKTRIK ELEKTRONIK DINGFELDER [DE]
- [DA] DE 10002532 A1 20010726 - GEZE GMBH [DE]

Cited by

EP1860266A3

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 1780362 A1 20070502; EP 1780362 B1 20110518; AT E510099 T1 20110615; DE 102005000141 A1 20070419

DOCDB simple family (application)

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