

Title (en)

Door drive having auxiliary drive mechanism

Title (de)

Türantrieb mit zusätzlichem Schliessmechanismus

Title (fr)

Entraînement de porte complété d'un système de fermeture

Publication

EP 2236717 A3 20160518 (EN)

Application

EP 10159007 A 20100401

Priority

NL 2002710 A 20090403

Abstract (en)

[origin: EP2236717A2] The invention relates to a drive unit (16) for a leaf (10) of a door or window with an additional closing device which is active across a limited area of the opening angle of the leaf around 0°. More particularly, the additional closing device comprises an additional closing mechanism (100) with a shaft engagement means (104) provided on the drive shaft (20), an intermediate arm (108) which is rotatable about a swinging shaft (110) being situated at a distance from and parallel to the drive shaft (20) and having a first engagement means (130) arranged on a first arm end (106) so as to be able to engage with said shaft engagement means (104), and a spring construction, a first end (116) of which is hingedly connected to a second arm end (112) of the intermediate arm (108) and a second end (122) of which is hingedly arranged at a fixed position, in which the shaft engagement means (104) and the first engagement means (106; 130) of the intermediate arm (108) engage with one another across a predetermined area of the rotation angle of the drive shaft (20).

IPC 1-7

E05F 15/12

IPC 8 full level

E05F 3/00 (2006.01); **E05F 3/22** (2006.01)

CPC (source: EP)

E05F 1/105 (2013.01); **E05F 3/22** (2013.01); **E05F 15/611** (2015.01); **E05F 15/63** (2015.01); **E05F 3/00** (2013.01); **E05F 5/027** (2013.01); **E05Y 2201/232** (2013.01); **E05Y 2201/412** (2013.01); **E05Y 2201/474** (2013.01); **E05Y 2201/488** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XA] DE 3209608 A1 19830929 - MAGNETIC ELEKTROMOTOREN GMBH [DE]
- [X] DE 4230888 A1 19940317 - GOLDBACH HORST DIPL ING [DE]

Cited by

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DOCDB simple family (application)

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