

Title (en)

Drive for a movable building closure, belt transmission and guide rail for use therein and method of assembling the same

Title (de)

Antrieb für einen beweglichen Gebäudeabschluss, Zugmittelgetriebe und Führungsschiene zur Verwendung darin und Verfahren zur Montage derselben

Title (fr)

Actionneur pour une fermeture amovible de bâtiment, transmission à courroie et rail de guidage à utiliser dans cet actionneur et procédé d'assemblage

Publication

EP 1128016 A3 20030514 (DE)

Application

EP 01103110 A 20010209

Priority

- DE 10007886 A 20000221
- DE 10028259 A 20000614
- DE 10038077 A 20000804

Abstract (en)

[origin: EP1128016A2] The drive has a guide rail (1) and a drive carriage (16) driven to move to and fro in the guide rail. The drive carriage is fixed to the door to be operated. The guide rail is divided into at least two parts (3-5), which are hinged together and can be folded up or unfolded parallel to the movement plane of the drive carriage. A connection unit is preferably provided to stabilise the parts at the side opposite the hinge joint (2). Independent claims are included for a toothed belt drive mechanism for the drive, guide rails for the drive and a method for mounting the drive.

IPC 1-7

E05F 15/16

IPC 8 full level

E05F 15/16 (2006.01)

CPC (source: EP)

E05F 15/686 (2015.01); **E05F 15/681** (2015.01); **E05Y 2201/684** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2800/205** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/244** (2013.01); **E05Y 2800/696** (2013.01); **E05Y 2800/742** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

- [XY] DE 1942634 A1 19710304 - GRIEBEL ELECTRONIC
- [Y] EP 0485294 A1 19920513 - GMI HOLDINGS INC [US]

Cited by

CN112303118A; AU2007216916B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1128016 A2 20010829; **EP 1128016 A3 20030514**; **EP 1128016 B1 20111123**; PL 207608 B1 20110131; PL 345944 A1 20010827

DOCDB simple family (application)

EP 01103110 A 20010209; PL 34594401 A 20010219