

Title (en)

Guiding device for sliding doors

Title (de)

Führungsvorrichtung für Schiebetüren

Title (fr)

Dispositif de guidage pour portes coulissantes

Publication

EP 2182154 A1 20100505 (DE)

Application

EP 09169612 A 20090907

Priority

DE 202008014529 U 20081103

Abstract (en)

The device has a linear damper (9) for decelerating an opening movement of sliding doors (2), where the sliding doors are movably supported at a rail and are movable from a closed position to an opened position. The linear damper has a tappet (11) inserted into a damper housing (10), where the sliding doors cover each other in the opened position and an area of the sliding doors is releasable. The housing is connected with one of the sliding doors by a holder (19). A piston rod is movable relative to the damper housing. The tappet is prestressed by a spring in a withdrawn position.

Abstract (de)

Eine Führungsvorrichtung (1) für Schiebetüren (2, 3, 4), insbesondere für Möbel, umfasst mindestens zwei Schiebetüren (2, 3, 4), die an mindestens einer Schiene (5) verschiebbar gelagert sind und von einer benachbarten geschlossenen Position in eine einander überdeckende geöffnete Position bewegbar sind, bei der ein Feld einer Schiebetür (2, 3, 4) freigegeben ist, wobei zum Abbremsen einer Öffnungsbewegung einer Schiebetür (2, 3, 4) ein Lineardämpfer (9) vorgesehen ist, der einen in ein Gehäuse (10, 10') einschiebbaren Stößel (11) aufweist.

IPC 8 full level

E05D 15/08 (2006.01); **E05F 5/00** (2006.01)

CPC (source: EP)

E05D 15/08 (2013.01); **E05F 5/003** (2013.01); **E05F 17/00** (2013.01); **E05F 2017/007** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/224** (2013.01); **E05Y 2201/256** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2201/64** (2013.01); **E05Y 2600/456** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2800/75** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)

- WO 2006114352 A1 20061102 - HETTICH HEINZE GMBH & CO KG [DE], et al
- DE 202006017402 U1 20061228 - BLASI GMBH AUTOMATISCHE TUERAN [DE]
- GB 2416380 A 20060125 - NIFCO INC [JP]
- EP 1700985 A1 20060913 - RIOJA CALVO MIGUEL ANGEL [ES]

Citation (search report)

- [XAY] GB 2416380 A 20060125 - NIFCO INC [JP]
- [X] EP 1700985 A1 20060913 - RIOJA CALVO MIGUEL ANGEL [ES]
- [YA] DE 2828064 A1 19790208 - HAAB
- [YA] DE 20120587 U1 20020321 - KROGULL JOHANNES [DE]
- [Y] CH 590389 A5 19770815 - HAWA AG
- [A] DE 10203770 A1 20030814 - DORMA GMBH & CO KG [DE]

Cited by

ITRN20100003A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2182154 A1 20100505; **EP 2182154 B1 20120418**; AT E554253 T1 20120515; DE 202008014529 U1 20100318; ES 2386103 T3 20120809; PL 2182154 T3 20120928; SI 2182154 T1 20120831

DOCDB simple family (application)

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