

Title (en)

Bidirectional intake device for a medium-sized sliding door

Title (de)

Bidirektionale Einzugsvorrichtung für eine mittlere Schiebetür

Title (fr)

Dispositif d'insertion bidirectionnel pour une porte coulissante moyenne

Publication

EP 2730734 A3 20160713 (DE)

Application

EP 13187575 A 20131007

Priority

DE 202012104360 U 20121113

Abstract (en)

[origin: EP2730734A2] The device (101) has two oppositely acting unidirectional draw-in units (4) provided with drivers (10) that are guided in a guide track (9). The drivers are displaceable from a drawn-in end position into a locking end position against an effect of a retracting spring (12). A coupling carriage (6) releases the drivers from the locking end position by moving from a carriage end position into a carriage center position. The housing is provided with the guide track such that linear dampers (13) are fastenable at the housing independent of the drivers. An independent claim is also included for a sliding door arrangement.

IPC 8 full level

E05F 5/00 (2006.01); **E05F 1/16** (2006.01)

CPC (source: EP)

E05F 1/16 (2013.01); **E05F 5/003** (2013.01); **E05Y 2201/10** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2201/412** (2013.01); **E05Y 2201/424** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/24** (2013.01); **E05Y 2800/73** (2013.01); **E05Y 2800/75** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)

- [XYI] DE 102011001749 A1 20121004 - SIMON KARL GMBH & CO KG [DE]
- [Y] DE 102008009046 A1 20090903 - ZIMMER GUENTHER [DE], et al
- [A] WO 2007111424 A1 20071004 - PARK YOON SIK [KR]

Cited by

CN108049747A; CN105507721A; EP3581746A1; EP3850176B1

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)

DE 202012104360 U1 20121113; DK 2730734 T3 20171218; EP 2730734 A2 20140514; EP 2730734 A3 20160713; EP 2730734 B1 20170913; ES 2651680 T3 20180129; PL 2730734 T3 20180228; SI 2730734 T1 20171229

DOCDB simple family (application)

DE 202012104360 U 20121113; DK 13187575 T 20131007; EP 13187575 A 20131007; ES 13187575 T 20131007; PL 13187575 T 20131007; SI 201330779 T 20131007