

Title (en)

Bidirectional retraction device for a middle sliding door

Title (de)

Bidirektionale Einzugsvorrichtung für eine mittlere Schiebetür

Title (fr)

Dispositif d'entraînement bidirectionnel pour une porte coulissante médiane

Publication

**EP 2730734 B1 20170913 (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** (2017.01); **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)

Cited by

CN105507721A; CN108049747A; 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

DOCDB simple family (publication)

**DE 202012104360 U1 20121121**; 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)

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