

Title (en)

Bidirectional retracting device for a middle sliding door

Title (de)

Bidirektionale Einzugsvorrichtung für eine mittlere Schiebetür

Title (fr)

Dispositif de rétraction bidirectionnel pour porte coulissante médiane

Publication

EP 2390448 B1 20141008 (DE)

Application

EP 11162781 A 20110418

Priority

DE 202010007230 U 20100527

Abstract (en)

[origin: EP2390448A1] The bi-directional retraction device (1) has two uni-directional retraction units (4) with a closable controlled carrier (10). A coupling section (6) is controlled in a guidance (7), where the coupling section has two coupling elements (19).

IPC 8 full level

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

CPC (source: EP)

E05F 1/16 (2013.01); **E05F 5/003** (2013.01); **E05Y 2600/45** (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

JP2014527438A; CN110520589A; EP3402950A4

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 202010007230 U1 20100826; DK 2390448 T3 20141124; EP 2390448 A1 20111130; EP 2390448 B1 20141008; ES 2527182 T3 20150121; PL 2390448 T3 20150331; SI 2390448 T1 20150130

DOCDB simple family (application)

DE 202010007230 U 20100527; DK 11162781 T 20110418; EP 11162781 A 20110418; ES 11162781 T 20110418; PL 11162781 T 20110418; SI 201130324 T 20110418