

Title (en)
GUIDE SYSTEM COMPRISING AN ACCELERATION AND DECELERATION DEVICE

Title (de)
FÜHRUNGSSYSTEM MIT BESCHLEUNIGUNGS- UND VERZÖGERUNGSVORRICHTUNG

Title (fr)
SYSTÈME DE GUIDAGE À DISPOSITIF D'ACCÉLÉRATION ET DE DÉCÉLÉRATION

Publication
EP 2013434 B1 20100630 (DE)

Application
EP 07722275 A 20070423

Priority
• DE 2007000717 W 20070423
• DE 102006019351 A 20060424

Abstract (en)
[origin: WO2007121731A1] The invention relates to a guide system comprising two guide parts that can be displaced linearly in relation to one another, an acceleration device and a deceleration device, the acceleration and deceleration devices being dependent on the stroke direction in a partial stroke of said guide system that heads towards a final position. To permit this, one of the guide parts comprises the acceleration and deceleration devices as a common assembly. The other guide part comprises an actuating element, which engages with the acceleration and deceleration assembly at the start of the partial stroke. The actuating element releases the acceleration and deceleration assembly from a parked position, secured by a non-positive or positive fit, and guides said assembly into the final position. The invention provides a compact, functionally reliable guide system and a sliding door assembly comprising a compact, functionally reliable guide system.

IPC 8 full level
E05F 1/08 (2006.01); **A47B 88/04** (2006.01); **E05B 65/08** (2006.01); **E05F 5/00** (2006.01)

CPC (source: EP)
E05F 1/16 (2013.01); **E05F 5/003** (2013.01); **E05D 13/04** (2013.01); **E05D 15/0686** (2013.01); **E05F 3/221** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2600/452** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/132** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006019351 A1 20071025; DE 102006019351 B4 20080828; AT E472660 T1 20100715; DE 502007004259 D1 20100812; EP 2013434 A1 20090114; EP 2013434 B1 20100630; ES 2348491 T3 20101207; PL 2013434 T3 20110331; PT 2013434 E 20100812; WO 2007121731 A1 20071101

DOCDB simple family (application)
DE 102006019351 A 20060424; AT 07722275 T 20070423; DE 2007000717 W 20070423; DE 502007004259 T 20070423; EP 07722275 A 20070423; ES 07722275 T 20070423; PL 07722275 T 20070423; PT 07722275 T 20070423