Title (en)

Automatic sliding door system

Title (de)

Automatische Schiebetüranlage

Title (fr)

Ensemble de porte coulissante automatique

Publication

EP 1612363 B1 20140101 (DE)

Application

EP 05013288 A 20050621

Priority

DE 102004031897 A 20040630

Abstract (en)

[origin: EP1612363A2] The method involves using a sensor device (5) to monitor a monitoring range (6) which as the sliding wing (2) opens is passed by a vertical secondary closing edge of the wing. In the presence of a blockage in this monitoring range the sensor device sends out a corresponding indicator signal to the control device so that the sliding wing after running through the acceleration phase and a shortened high speed phase is braked in a braking phase to a lower low speed. The acceleration phase, the shortened high speed phase and the braking phase are dimensioned so that a predeterminable minimum opening width is reached within a predeterminable maximum time.

IPC 8 full level

E05F 15/632 (2015.01); **E05F 15/40** (2015.01); **E05F 15/73** (2015.01); E05F 15/72 (2015.01)

CPC (source: EP US)

E05F 15/40 (2015.01 - EP US); **E05F 15/72** (2015.01 - EP US); E05F 15/43 (2015.01 - EP US); E05F 15/632 (2015.01 - EP US); E05F 15/73 (2013.01 - EP US); E05F 2015/483 (2015.01 - EP); E05Y 2201/422 (2013.01 - EP); E05Y 2201/434 (2013.01 - EP); E05Y 2400/36 (2013.01 - EP); E05Y 2400/45 (2013.01 - EP); E05Y 2400/53 (2013.01 - EP); E05Y 2600/40 (2013.01 - EP); E05Y 2600/45 (2013.01 - EP); E05Y 2900/132 (2013.01 - EP)

Cited by

GB2438644A; GB2438644B

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1612363 A2 20060104; **EP 1612363 A3 20090923**; **EP 1612363 B1 20140101**; DE 102004031897 A1 20060126; DE 102004031897 B4 20080306; DE 102004031897 C5 20130704; ES 2445587 T3 20140304; PL 1612363 T3 20140630

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