Title (en)

Method for operating an automatic sliding door assembly

Title (de)

Verfahren zum Betrieb einer automatischen Schiebetüranlage

Title (fr)

Procédé destiné au fonctionnement d'une installation de porte coulissante automatique

Publication

EP 1884615 A3 20120808 (DE)

Application

EP 07113038 A 20070724

Priority

DE 102006036885 A 20060804

Abstract (en)

[origin: DE102006036885B3] In an automated process to operate an emergency exit with a sliding door, the door drive has an electronic control unit linked to downward directed sensors that monitor the last fifth of the door travel. In normal operation the presence of an obstacle in this last sector results in immediate arrest or reversal of the door operation. The drive system is coupled to a house emergency system which if activated allows for the doors to open, but disallows closure in the event of an obstruction in the last one fifth of travel.

IPC 8 full level

E05F 15/00 (2006.01); E05F 15/14 (2006.01); E05F 15/20 (2006.01)

CPC (source: EP US)

E05F 15/42 (2015.01 - EP); E05F 15/43 (2015.01 - EP US); E05F 15/632 (2015.01 - EP US); E05F 15/72 (2015.01 - EP US); E05F 2015/483 (2015.01 - EP); E05Y 2201/422 (2013.01 - EP); E05Y 2201/434 (2013.01 - EP); E05Y 2400/514 (2013.01 - EP); E05Y 2400/53 (2013.01 - EP); E05Y 2600/40 (2013.01 - EP); E05Y 2800/16 (2013.01 - EP)

Citation (search report)

- [IDA] DE 102004031897 A1 20060126 - GEZE GMBH [DE]
- [A] DE 3643324 A1 19870702 - YOSHIDA KOGYO KK [JP]
- [AD] DE 19653026 A1 19970626 - GEZE GMBH & CO [DE]
- [A] DE 3736218 A1 19880505 - YOSHIDA KOGYO KK [JP]

Cited by

CN109312594A

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006036885 B3 20071011; EP 1884615 A2 20080206; EP 1884615 A3 20120808; EP 1884615 B1 20130710; EP 1884615 B2 20200930; ES 2427356 T3 20131030; PT 1884615 E 20130910

DOCDB simple family (application)

DE 102006036885 A 20060804; EP 07113038 A 20070724; ES 07113038 T 20070724; PT 07113038 T 20070724