Title (en)
Automatic carousel door assembly and method for operating an automatic sliding door assembly

Title (de)
Verfahren zum Betrieb einer automatischen Karusselltüranlage

Title (fr)
Installation de porte tournante automatique et procédé destiné au fonctionnement d'une installation de porte tournante automatique

Publication
EP 2072737 B1 20161207 (DE)

Application
EP 08171439 A 20081212

Priority
DE 102007062515 A 20071220

Abstract (en)
[origin: EP2072737A2] The arrangement (1) has multiple carousel door leaves (2) rotatably supported along central rotating axis (3). A driving device (8) drives the carousel door leaves, and a brake device (16) e.g. drum brake, is provided for braking movement of the carousel door leaves. A control device (15) controls the driving device and the brake device. The brake device has continuous adjustable braking force. The control device is formed such that testing of the brake device is realizable during the rotating movement of the carousel door leaves. An independent claim is also included for a method for operating an automatic carousel door arrangement.

IPC 8 full level
E05F 15/608 (2015.01)

CPC (source: EP)
E05F 15/41 (2015.01); E05F 15/608 (2015.01); E05Y 2201/21 (2013.01); E05Y 2201/258 (2013.01); E05Y 2400/20 (2013.01); E05Y 2400/202 (2013.01); E05Y 2400/302 (2013.01); E05Y 2900/132 (2013.01)

Citation (opposition)
Opponent : Dormakaba Deutschland GmbH
• DE 4207705 C1 19930429
• DE 202005000163 U1 20060216 - ATS AUTOMATIK TUER SYSTEME GMB [DE]
• DE 9000881 U1 19900419
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• US 4530183 A 19850723 - HEISE STANLEY R [US], et al
Opponent : agtatec AG
• US 4530183 A 19850723 - HEISE STANLEY R [US], et al
• DE 19633990 A1 19980226 - HEIN GMBH CHRISTIAN [DE]
• EP 1223290 A2 20020717 - KABA GALLENSCHUETZ GMBH [DE]
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• TA-4.1 REGELTEIL
• "Source Code TA4", BLASI, 18 April 2012 (2012-04-18), pages 1 - 7, XP055615693

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2072737 A2 20090624; EP 2072737 A3 20130925; EP 2072737 B1 20161207; EP 2072737 B2 20200212; DE 102007062515 A1 20090625; DE 102007062515 B4 20120126; DE 102007062515 C5 20200625; ES 2616527 T3 20170613; ES 2616527 T5 20201015; PL 2072737 T3 20170731; PL 2072737 T5 20200713

DOCDB simple family (application)
EP 08171439 A 20081212; DE 102007062515 A 20071220; ES 08171439 T 20081212; PL 08171439 T 20081212