

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
- DE 20219720 U1 20030320 - GEZE GMBH [DE]
- DE 102004031532 B3 20050616 - GEZE GMBH [DE]
- 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]
- GB 191400074 A 19140730 - GIBSON ARTHUR LLOYD
- DE 9000881 U1 19900419
- EP 2072737 A2 20090624 - GEZE GMBH [DE]
- DE 20219720 U1 20030320 - GEZE GMBH [DE]
- DE 102004031532 B3 20050616 - GEZE GMBH [DE]
- DE 19831765 A1 19990121 - GEZE GMBH [DE]
- DE 202006000044 U1 20070208 - ATS AUTOMATIK TUER SYSTEME GMB [DE]
- DE 8632308 U1 19870521
- DE 10100985 A1 20020725 - KABA GALLENSCHUETZ GMBH [DE]
- DE 29623712 U1 19991111 - HEIN GMBH CHRISTIAN [DE]
- DE 19746604 A1 19990506 - ISE GMBH [DE]
- DE 202005000163 U1 20060216 - ATS AUTOMATIK TUER SYSTEME GMB [DE]
- DE 4207705 C1 19930429
- DE 10062228 A1 20020620 - KUKA ROBOTER GMBH [DE]
- EP 1354694 A2 20031022 - BALTEC MASCHB AG [CH]
- DE 2819424 C2 19860116
- "One Revolving door type K21-SNI-39 with show case and integrated automatic sliding wings", BLASI AUTOMATIC DOORS, 10 November 2006 (2006-11-10), pages 1 - 32, XP055615685
- "Hardwarebeschreibung der Türsteuerung TA-4", BLASI, 30 May 1996 (1996-05-30), pages 1 - 26, XP055615686
- TA-4.1 REGELTEIL
- "Source Code TA4", BLASI, 18 April 2012 (2012-04-18), pages 1 - 7, XP055615693

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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