

Title (en)

Device for controlling the closing sequence of rotary doors with two leaves

Title (de)

Vorrichtung zur Schließfolgeregelung für zweiflügelige Drehtüren

Title (fr)

Dispositif de commande de la séquence de fermeture de portes rotatives à deux battants

Publication

EP 1870550 A3 20080611 (DE)

Application

EP 07110662 A 20070620

Priority

DE 102006028876 A 20060621

Abstract (en)

[origin: EP1870550A2] The device has a blocking device provided for a movable leaf that is controllable in dependence of a position of a fixed leaf. The blocking device is arranged centrally on a motor shaft (7) of a movable leaf-sided door drive, where the blocking device is formed as a brake (17) with a V-shaped brake lining (23) that is stressed by a spring (27) in a direction of a front side of a brake drum (22). The brake drum exhibits a V-shaped circumferential slot, where the V-shaped brake lining is engaged into the circumferential slot.

IPC 8 full level

E05F 5/12 (2006.01); **E05F 15/12** (2006.01)

CPC (source: EP)

E05F 5/12 (2013.01); **E05F 15/63** (2015.01); **E05Y 2201/21** (2013.01); **E05Y 2400/302** (2013.01); **E05Y 2400/415** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XD] DE 19532262 A1 19970306 - GEZE GMBH & CO [DE]
- [A] DE 10107460 A1 20020912 - DORMA GMBH & CO KG [DE]
- [AD] DE 10107461 A1 20020912 - DORMA GMBH & CO KG [DE]
- [A] DE 3612918 A1 19871022 - DORMA GMBH & CO KG [DE]

Cited by

CN106164402A; CN104456892A; CN106133263A; US10309142B2; US10294707B2; WO2015150177A1; WO2015150174A1

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)

EP 1870550 A2 20071226; **EP 1870550 A3 20080611**; **EP 1870550 B1 20100825**; AT E479007 T1 20100915; DE 102006028876 A1 20071227; DE 502007004837 D1 20101007; DK 1870550 T3 20110103

DOCDB simple family (application)

EP 07110662 A 20070620; AT 07110662 T 20070620; DE 102006028876 A 20060621; DE 502007004837 T 20070620; DK 07110662 T 20070620