

Title (en)

Device for regulating the order of closing for rotary doors with two leafs

Title (de)

Vorrichtung zur Schließfolgeregelung für zweiflügelige Drehtüren

Title (fr)

Dispositif destiné à la fermeture consécutive de portes rotatives à deux battants

Publication

EP 1870553 A3 20100804 (DE)

Application

EP 07110659 A 20070620

Priority

DE 102006028877 A 20060621

Abstract (en)

[origin: EP1870553A2] The device has a door drive (3) with an output shaft (10), at which a sliding arm or a rod is arranged for swiveling a door leaf in a rotatable fixed manner, and a drive shaft acts together with a spring arrangement for closing the door leaf. A blocking device is provided for a movable wing (1) that is controlled based on a position of a fixed wing (2). A transmission unit, which acts with an end of the blocking device that is arranged centrically on a motor shaft of the door drive and is designed as a drum brake, where a free-wheel is arranged on the motor shaft.

IPC 8 full level

E05F 15/12 (2006.01); **E05F 5/12** (2006.01); **E05F 17/00** (2006.01)

CPC (source: EP)

E05F 5/12 (2013.01); **E05F 15/63** (2015.01); **E05F 2015/631** (2015.01); **E05Y 2201/21** (2013.01); **E05Y 2201/216** (2013.01); **E05Y 2201/234** (2013.01); **E05Y 2201/26** (2013.01); **E05Y 2201/266** (2013.01); **E05Y 2400/302** (2013.01); **E05Y 2800/172** (2013.01)

Citation (search report)

- [AD] DE 19532262 A1 19970306 - GEZE GMBH & CO [DE]
- [AD] DE 10107461 A1 20020912 - DORMA GMBH & CO KG [DE]
- [A] CH 489687 A 19700430 - KOLLER METALLBAU AG [CH]
- [A] EP 0166859 A1 19860108 - GEZE GMBH [DE]

Cited by

DE102013212650C5; US9556664B2; US10294707B2

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 1870553 A2 20071226; **EP 1870553 A3 20100804**; **EP 1870553 B1 20120125**; AT E542978 T1 20120215; DE 102006028877 A1 20071227; DK 1870553 T3 20120416; ES 2378477 T3 20120412

DOCDB simple family (application)

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