

Title (en)

Closure sequence controller for a double-wing door

Title (de)

Vorrichtung zur Schliessfolgeregelung für zweiflügelige Drehtüren

Title (fr)

Coordinateur de fermeture de portes à double battants

Publication

EP 1612358 A1 20060104 (DE)

Application

EP 05013284 A 20050620

Priority

DE 102004031520 A 20040629

Abstract (en)

The control device has an actuating element (16) mounted on the locking rod (15) to bias the brake element (13) as the locking rod moves in the closing direction of the gang casement (1). The actuating element moves to contact the brake element whereby the actuating element is displaced relative to the locking rod as the locking rod is braked. The brake element can be a brake lever (17) formed from two lever arms rigidly connected to one another whereby the brake lever can swivel towards the locking rod.

IPC 8 full level

E05F 5/12 (2006.01)

CPC (source: EP)

E05F 5/12 (2013.01)

Citation (search report)

- [X] EP 1233132 A2 20020821 - DORMA GMBH & CO KG [DE]
- [AD] DE 10107785 A1 20020905 - DORMA GMBH & CO KG [DE]
- [AD] DE 19545401 A1 19970612 - GEZE GMBH & CO [DE]
- [A] DE 10107783 A1 20020905 - DORMA GMBH & CO KG [DE]

Cited by

CN106761116A; EP2546445A1; CN102877728A; 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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1612358 A1 20060104; EP 1612358 B1 20081001; AT E409792 T1 20081015; DE 102004031520 A1 20060202;
DE 102004031520 B4 20060511; DE 502005005506 D1 20081113; ES 2311902 T3 20090216

DOCDB simple family (application)

EP 05013284 A 20050620; AT 05013284 T 20050620; DE 102004031520 A 20040629; DE 502005005506 T 20050620;
ES 05013284 T 20050620