

Title (en)
Door closing sequence controller

Title (de)
Türschließsequenzregler

Title (fr)
Contrôleur de séquence de fermeture de porte

Publication
EP 2546445 A1 20130116 (EN)

Application
EP 11174200 A 20110715

Priority
EP 11174200 A 20110715

Abstract (en)
A door closing sequence controller (10) utilized to control closing sequence between a leading panel (F) having a first door closer (C1) and a trailing panel (M) having a second door closer (C2), comprises a first actuator mechanism (11), a second actuator mechanism (12), a fixing base (13) disposed between the first actuator mechanism (11) and the second actuator mechanism (12), a movable base (14) disposed at the fixing base (13), a locking mechanism (15) disposed in the movable base (14), and a blocking pin (16), the movable base (14) comprises an accommodating space (145), the blocking pin (16) is disposed in the accommodating space (145), the locking mechanism (15) remains clamping the second actuator mechanism (12) till the first actuator mechanism (11) interacts with the locking mechanism (15), such that the locking mechanism (15) can release the second actuator mechanism (12) from clamping.

IPC 8 full level
E05F 5/12 (2006.01)

CPC (source: EP)
E05F 5/12 (2013.01)

Citation (applicant)
DE 10111732 A1 20020926 - DORMA GMBH & CO KG [DE]

Citation (search report)

- [XDA] DE 10111732 A1 20020926 - DORMA GMBH & CO KG [DE]
- [IA] EP 1612358 A1 20060104 - GEZE GMBH [DE]
- [XA] DE 10107785 A1 20020905 - DORMA GMBH & CO KG [DE]
- [XA] EP 1335092 A1 20030813 - DORMA GMBH & CO KG [DE]

Cited by
EP4202166A1; IT202100032294A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2546445 A1 20130116; EP 2546445 B1 20200617; CN 102877728 A 20130116; CN 102877728 B 20150708; PL 2546445 T3 20201102

DOCDB simple family (application)
EP 11174200 A 20110715; CN 201210243686 A 20120713; PL 11174200 T 20110715