

Title (en)

EMERGENCY DEVICE TO SECURE A DOOR IN ESCAPE AND RESCUE ROUTES

Title (de)

SICHERUNGSVORRICHTUNG ZUR SICHERUNG EINER TÜR IN FLUCHT- UND RETTUNGSWEGEN

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR SÉCURISER UNE PORTE DANS LES VOIES D'ÉVACUATION ET DE SAUVETAGE

Publication

EP 3245371 B1 20200115 (DE)

Application

EP 16700643 A 20160115

Priority

- DE 102015000612 A 20150116
- EP 2016050772 W 20160115

Abstract (en)

[origin: WO2016113394A1] The invention relates to a securing device (1) for securing a fire protection door (11) in escape and rescue routes. A locking device (4) of the door can be released by means of a rescue-route-system terminal (5) having an emergency button (51). It is also provided that the door (11) has a door closer (2), which has an electrically switchable freewheel apparatus (3) in order to enable comfortable operation of a door leaf (12) of the door. Universal use of the securing device (1), along with simultaneously high security requirements, is enabled in that a control apparatus (6) is provided, which interacts with the freewheel apparatus (3) and the locking device (4) in such a way that the control apparatus (6) switches both the locking device (4) and the freewheel apparatus (3) separately.

IPC 8 full level

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CPC (source: EP)

E05F 1/006 (2013.01); **E05F 3/10** (2013.01); **E05F 3/223** (2013.01)

Citation (opposition)

Opponent : dormakaba Deutschland GmbH

- EP 2472042 A2 20120704 - ASSA ABLOY SICHERHEITSTECHNIK [DE]
- DE 102010022049 A1 20110616 - DORMA GMBH & CO KG [DE]
- DE 19949744 A1 20010419 - GEZE GMBH [DE]
- EP 2192562 A1 20100602 - ASSA ABLOY SICHERHEITSTECHNIK [DE]
- EP 1431497 A2 20040623 - GEZE GMBH [DE]
- EP 2735681 A2 20140528 - GEZE GMBH [DE]
- "Freilauf-Gleitschienen-Türsliesser im Contur Design", DORM BROSCHURE TS 99 EN 2-5, December 2009 (2009-12-01), XP055744413
- "Türmanagementsystem", DORMA BROSCHURE TMS, December 2009 (2009-12-01), XP055580383

Opponent : dormakaba Deutschland GmbH,

- BRITTA KALSCHUEER: "Türschließer mit Rettungswegverriegelung", ASSA ABLOY, 16 December 2011 (2011-12-16), pages 1 - 2, XP055907321
- ASSA ABLOY: "SafeZone from NORTON Door Controls at hospital", YOUTUBE, 15 December 2011 (2011-12-15), XP055907327, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=S_E7MBaTojM>
- ANONYMOUS: "Schlosser und Baubeschläge Elektrisch betriebene Feststellvorrichtungen für Drehflügeltüren Anforderungen und Prüfverfahren (enthalt Änderung A 1 :2002)", DEUTSCHE FASSUNG EN 1155: 1997 + A1 : 2002, 1 April 2003 (2003-04-01), pages 1 - 28, XP055907364

Cited by

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