

Title (en)

LOCKING DEVICE, PARTICULARLY HOLD-OPEN DEVICE, FOR A DOOR ACTUATOR ASSEMBLY

Title (de)

VERRIEGELUNGSVORRICHTUNG, INSBESONDERE OFFENHALTEVORRICHTUNG, FÜR EINE TÜRBETÄTIGERANORDNUNG

Title (fr)

DISPOSITIF DE VERROUILLAGE, EN PARTICULIER DISPOSITIF DE MAINTIEN EN POSITION OUVERTE POUR UN ENSEMBLE D'ACTIONNEMENT DE PORTE

Publication

EP 3489445 A1 20190529 (EN)

Application

EP 17203176 A 20171122

Priority

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Abstract (en)

The present disclosure relates to a locking device (25), particularly a hold-open device, for a door actuator assembly (10) with a guide rail (24) and a slide arm (14). The locking device (25) comprises a stopper (28) for securing at the guide rail (24). The stopper (28) includes an engagement portion (58). The locking device (25) comprises a movement member (26), particularly a slider, for being movably guided by the guide rail (24) to guide the slide arm (14) along the guide rail (24). The movement member (26) includes an engagement wire spring (34) configured to engage with the engagement portion (58) of the stopper (28) for holding the movement member (26). The locking device (25) may have a very low engagement or impact sound, because the area of impact between the engagement wire spring (34) and the engagement portion (58) is reduced due to a thin wire of the engagement wire spring (34).

IPC 8 full level

E05F 3/22 (2006.01); **E05C 17/28** (2006.01)

CPC (source: EP)

E05B 15/04 (2013.01); **E05C 17/28** (2013.01); **E05F 3/221** (2013.01); **E05F 2003/228** (2013.01); **E05Y 2201/218** (2013.01); **E05Y 2201/48** (2013.01)

Citation (applicant)

- EP 2672046 A2 20131211 - DORMA GMBH & CO KG [DE]
- EP 1544394 A2 20050622 - GEZE GMBH [DE]
- EP 2169160 B1 20140416 - GEZE GMBH [DE]

Citation (search report)

- [XY] EP 2672042 A2 20131211 - DORMA GMBH & CO KG [DE]
- [YA] DE 102013113915 A1 20150618 - ECO SCHULTE GMBH & CO KG [DE]

Cited by

EP4108874A1; WO2021009107A1

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)

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