

Title (en)

ADJUSTMENT DEVICE FOR A MECHANICAL DOOR CLOSER, DOOR CLOSER, SECURITY DOOR OR SAFETY DOOR, FACILITY, AND METHOD FOR OPERATING A DOOR CLOSER

Title (de)

VERSTELLVORRICHTUNG FÜR EINEN MECHANISCHEN TÜRSCHLIESSER, TÜRSCHLIESSER, SICHERHEITSTÜR, ANLAGE UND VERFAHREN ZUM BETREIBEN EINES TÜRSCHLIESSERS

Title (fr)

DISPOSITIF DE RÉGLAGE POUR UN FERME-PORTE MÉCANIQUE, FERME-PORTE, PORTE DE SÉCURITÉ OU PORTE DE SÛRETÉ, INSTALLATION ET PROCÉDÉ DE FONCTIONNEMENT D'UN FERME-PORTE

Publication

EP 4198235 A1 20230621 (EN)

Application

EP 21214780 A 20211215

Priority

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Abstract (en)

An adjustment device (1) for a mechanical, non-motorized door closer (3) with at least one mechanical adjustment interface (31) configured to modify the closing kinematics of the door closer such as closing velocity and/or closing force, comprises at least one kinematics sensor (15) configured for monitoring at least one kinematic parameter of the door and/or door closer; at least one electromotor (13) with a coupling means (11) configured for engaging the adjustment interface (31); control electronics (17) operatively coupled with the at least one kinematics sensor (15) and configured to emit at least one status signal and/or control signal dependent on the monitored at least one kinematic parameter; and at least one cover (19) configured to at least partially surround the electromotor (13), control electronics (17) and the door closer (3), in particular the adjustment interface (31).

IPC 8 full level

E05F 1/10 (2006.01); **E05F 3/04** (2006.01)

CPC (source: EP)

E05F 1/10 (2013.01); **E05F 3/04** (2013.01); **E05F 3/227** (2013.01); **E05Y 2201/11** (2013.01); **E05Y 2201/25** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2400/44** (2013.01); **E05Y 2400/612** (2013.01); **E05Y 2800/70** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)

WO 2021061727 A1 20210401 - ASSA ABLOY ACCESS & DOOR CONTROLS GROUP INC [US]

Citation (search report)

- [XYI] WO 2008134442 A1 20081106 - YALE SECURITY INC [US], et al
- [X] WO 2021050889 A1 20210318 - ASSA ABLOY ACCESS & DOOR CONTROLS GROUP INC [US]
- [X] GB 2573376 A 20191106 - GEZE GMBH [DE]
- [Y] WO 2011130638 A1 20111020 - YALE SECURITY INC [US], et al

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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