

Title (en)

ACTUATING APPARATUS FOR SLIDING BARRIERS

Title (de)

BETÄTIGUNGSVORRICHTUNG FÜR GLEITBARRIEREN

Title (fr)

APPAREIL D'ACTIONNEMENT POUR BARRIÈRES COULISSANTES

Publication

EP 3502396 A1 20190626 (EN)

Application

EP 18214123 A 20181219

Priority

IT 201700149396 A 20171222

Abstract (en)

Actuator apparatus (1) for sliding barrier characterized in that it comprises an electric motor which is a torque motor (2) operated by a control and command unit and configured to cause the rotation of its output shaft (10) which is provided with a pinion (14) designed to be coupled directly with a linear gear (16) integral with said barrier, said actuating apparatus (1) being also characterized in that it comprises a locking device comprising:- at least one engagement member (26) which is mounted on a fixed part (4) of said actuator apparatus (1),- a locking member (22) acting on the shaft (10) of said torque motor (2) by means of a damping mechanism (18, 18', 20, 20', 24),- means (28, 29) for moving said engagement member (26) between an engagement position of said locking member (22) and a disengagement position therefrom, said means being configured to automatically bring said engagement member (26) in said engagement position when said torque motor (2) is not powered.

IPC 8 full level

E05F 15/635 (2015.01)

CPC (source: EP)

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Citation (search report)

- [IA] US 4887205 A 19891212 - CHOU TOM M [US]
- [I] DE 102005051722 A1 20070510 - ELKA TORANTRIEBE GMBH & CO BET [DE]
- [A] EP 1770238 A2 20070404 - ROGER TECHNOLOGY S N C DI FLOR [IT]

Designated contracting state (EPC)

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