

Title (en)

ELECTROMECHANICAL ACTUATOR FOR A SHUTTERING DEVICE AND SHUTTERING DEVICE COMPRISING SUCH AN ELECTROMECHANICAL ACTUATOR

Title (de)

ELEKTROMECHANISCHER AKTUATOR FÜR EINE SCHALUNGSVORRICHTUNG UND SCHALUNGSVORRICHTUNG MIT SOLCH EINEM ELEKTROMECHANISCHEN AKTUATOR

Title (fr)

ACTIONNEUR ÉLECTROMÉCANIQUE D'UN DISPOSITIF D'OCCULTATION ET DISPOSITIF D'OCCULTATION COMPRENANT UN TEL ACTIONNEUR ÉLECTROMÉCANIQUE

Publication

EP 4162139 A1 20230412 (FR)

Application

EP 21731756 A 20210608

Priority

- FR 2006014 A 20200609
- EP 2021065362 W 20210608

Abstract (en)

[origin: WO2021250044A1] An electromechanical actuator (8) for a shuttering device comprises a first and a second electric motor (18a, 18b), a connection shaft (16), an electronic control unit (19), a first universal joint (30) and a second universal joint (31). Each of the motors (18a, 18b) comprises a rotation shaft (28) configured to be rotated about an axis of rotation (X). The rotation shaft (28) of the first motor (18a) is coupled to the rotation shaft (28) of the second motor (18b) via the connection shaft (16). The unit (19) is arranged, along the axis of rotation (X), between the motors (18a, 18b). The connection shaft (16) extends through an area (49) of the actuator (8) comprising the unit (19). The first motor (18a) is mechanically connected to a first reduction gear (12a), the first reduction gear being mechanically connected to a first output shaft (20a). Moreover, the second motor (18b) is mechanically connected to a second reduction gear (12b), the second reduction gear being mechanically connected to a second output shaft (20b). The first motor (18a) is joined to the connection shaft (16) by means of the first universal joint (30) and the second motor (18b) is joined to the connection shaft by means of the second universal joint (31).

IPC 8 full level

E06B 9/322 (2006.01); **E06B 9/68** (2006.01); **E06B 9/90** (2006.01)

CPC (source: EP)

E06B 9/322 (2013.01); **E06B 9/68** (2013.01); **E06B 9/90** (2013.01); **E06B 9/308** (2013.01); **E06B 2009/1746** (2013.01); **E06B 2009/3222** (2013.01); **E06B 2009/405** (2013.01)

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)

FR 3111155 A1 20211210; **FR 3111155 B1 20221014**; CN 115715346 A 20230224; CN 115715346 B 20230718; EP 4162139 A1 20230412; EP 4162139 B1 20240710; WO 2021250044 A1 20211216

DOCDB simple family (application)

FR 2006014 A 20200609; CN 202180044092 A 20210608; EP 2021065362 W 20210608; EP 21731756 A 20210608