

Title (en)

Home automation installation with a device for operating a shutter of a building and method for operating such an installation

Title (de)

Haustechnikanlage mit einer Betätigungsvorrichtung eines Fensterladens eines Gebäudes, und Funktionsverfahren einer solchen Haustechnikanlage

Title (fr)

Installation domotique comprenant un dispositif de manoeuvre d'un volet battant d'un bâtiment et procédé de commande d'une telle installation.

Publication

**EP 2453092 B1 20210106 (FR)**

Application

**EP 11188681 A 20111110**

Priority

FR 1059381 A 20101115

Abstract (en)

[origin: EP2453092A1] The device (110) has an electric actuator (11) comprising a power supply unit (37) i.e. photovoltaic panel, and a reducer placed between an electric motor and one of a pair of connection units (12, 22). An output stage of the reducer is subjected to a maximum torque transmitted by the connection unit when a shutter (51) is subjected to wind whose speed reaches a maximum wind speed i.e. 30 m/s. Maximum driving torque of the motor is less than half or one-fourth of maximum torque and divided by reduction ratio. The actuator has a manual clutch unit located between the motor and the stage. An independent claim is also included for a method for controlling a shutter operating device.

IPC 8 full level

**E05F 15/603** (2015.01); **E05F 15/611** (2015.01); **E05F 15/71** (2015.01); **E05F 15/00** (2015.01); **E05F 15/41** (2015.01)

CPC (source: EP)

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Citation (examination)

- EP 0356627 A1 19900307 - SIEGENIA FRANK KG [DE]
- US 3235247 A 19660215 - TOLSON CLYDE A
- FR 2861123 A1 20050422 - SOMFY [FR]

Cited by

FR3101907A1; FR3101908A1; FR3099511A1; EP3034755A1; EP3597848A1; FR3084100A1; EP3805504A1; FR3083813A1

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