

Title (en)

AUTOMATIC ACTUATING DEVICE FOR A ROLLING DOOR OR A ROLLING BLIND

Title (de)

AUTOMATISCHE BETÄTIGUNGSVORRICHTUNG FÜR EINE ROLLTÜR ODER EINEN ROLLVORHANG

Title (fr)

DISPOSITIF D'ACTIONNEMENT AUTOMATIQUE POUR UNE PORTE ROULANTE OU UN VOLET ROULANT

Publication

EP 4047173 A1 20220824 (EN)

Application

EP 21382139 A 20210222

Priority

EP 21382139 A 20210222

Abstract (en)

The present invention relates to an automatic actuating device for a rolling door or a rolling blind the object of which is the automatic actuation in a silent manner, and which, in the event of locking, can be manually lifted without having to overcome the resistance of the motor, more particularly said device comprises a motor (18) perpendicularly mounted with respect to a transmission gear wheel (5) by means of a worm screw-gear wheel mechanism (20), such that the motor rotates the transmission gear wheel (5) which in turn comprises one or more pins (6) adapted for penetrating inside the through holes (4), such that, when the pins (6) are housed inside the through holes (4) and the motor (2) is actuated, it moves the transmission gear wheel (5) which moves the disc (15) that is solidly attached to the outer portion (16) of the wheel (2) enabling the rolling door to be opened or closed.

IPC 8 full level

E05F 11/34 (2006.01); **E06B 9/68** (2006.01); **E06B 9/74** (2006.01)

CPC (source: EP)

E06B 9/68 (2013.01); **E06B 9/74** (2013.01)

Citation (search report)

- [I] US 2008271563 A1 20081106 - LIU FRANCO [TW]
- [A] EP 1491713 A1 20041229 - BRACQ DANIEL [FR]
- [A] US 6688447 B1 20040210 - LIU CURTIS [TW]

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)

EP 4047173 A1 20220824

DOCDB simple family (application)

EP 21382139 A 20210222