

Title (en)

Device for driving a roller of a roller shutter

Title (de)

Vorrichtung zum Antrieb einer Wickelwelle eines Rolladens

Title (fr)

Dispositif d'entraînement pour tablier de volet roulant

Publication

EP 1637693 B1 20120404 (FR)

Application

EP 05300753 A 20050916

Priority

FR 0452120 A 20040921

Abstract (en)

[origin: EP1637693A1] The device has a rolling tube (5) around which a shutter in folded position is rolled and an unrolling axle (8) to control unrolling of the shutter. A transmission unit has a reducer (11) to retransmit a variable speed with the help of an unrolling axle driving unit to the tube. The variable speed is compensated by relative rotation of a planetary support by driving a torsion spring (21) that is then loaded with torsion. An independent claim is also included for a roller blind for skylight, or veranda, including a shutter.

IPC 8 full level

E06B 9/17 (2006.01); **E06B 9/68** (2006.01)

CPC (source: EP)

E06B 9/17 (2013.01)

Citation (examination)

- US 541696 A 18950625
- DE 19914543 A1 20001005 - WAREMA RENKHOFF GMBH & CO KG [DE]

Cited by

US9663987B2; WO2016118219A1; WO2021146278A1; TWI789313B

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 1637693 A1 20060322; EP 1637693 B1 20120404; ES 2384797 T3 20120712; FR 2875531 A1 20060324; FR 2875531 B1 20061208

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