

Title (en)

Actuating system for roller blinds

Title (de)

Antriebsvorrichtung für Rollvorhänge

Title (fr)

Actionneur pour la manoeuvre d' un volet roulant

Publication

**EP 1591612 B1 20091202 (FR)**

Application

**EP 05008720 A 20050421**

Priority

FR 0404449 A 20040427

Abstract (en)

[origin: EP1591612A1] The actuator has a permanent phase terminal (P0) and a terminal (N0) to connect the actuator to a voltage source, an electric motor and a control unit (MCU). The control unit has a voltage converter with an output that supplies a microcontroller (CPU) controlling switching unit (RLU). The unit (MCU) has a power cut-off time control unit (TCU) to control the cut-off time during which the actuator is not connected to the source. An independent claim is also included for a method for estimating a period during which an actuator is not supplied.

IPC 8 full level

**E05F 15/20** (2006.01); **E06B 9/68** (2006.01); **H02P 29/00** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

**EP 1591612 A1 20051102; EP 1591612 B1 20091202**; AT E450687 T1 20091215; CN 1690344 A 20051102; CN 1690344 B 20121003; DE 602005017969 D1 20100114; ES 2253142 T1 20060601; FR 2869481 A1 20051028; FR 2869481 B1 20060623; JP 2005318796 A 20051110; JP 5138871 B2 20130206; PL 1591612 T3 20100531; US 2005237692 A1 20051027; US 7391176 B2 20080624

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