

Title (en)

Compact device to control a motor element for moving a shade device.

Title (de)

Kompakte Einrichtung zur Motorteilsteuerung um eine Verdunkelungsanordnung zu bewegen.

Title (fr)

Dispositif à encombrement limité pour commander un organe moteur de déplacement d'un élément d'occultation.

Publication

EP 0576370 A1 19931229 (FR)

Application

EP 93420256 A 19930618

Priority

- FR 9207691 A 19920618
- US 8951093 A 19930721

Abstract (en)

The invention relates to a device for controlling a motor element (2) for moving a shade unit, including . a DC supply (10) including at least one controlled electronic switch (106) and intended for providing the motor element with a regulated electrical quantity, . a loop (20) for regulating the DC supply (10) including a circuit (200) for detecting the difference appearing between the value of the electrical quantity delivered by the DC supply and a reference value, the detection circuit (200) driving a circuit (203) for controlling the switch, such that the output quantity from the DC supply attains the value of the reference quantity, . and means for selecting the reference value of the electrical quantity as a function of the control commands received. <IMAGE>

IPC 1-7

H02P 7/00; **E06B 9/70**

IPC 8 full level

E06B 9/32 (2006.01); **E06B 9/70** (2006.01); **E06B 9/80** (2006.01); **E06B 9/82** (2006.01)

CPC (source: EP US)

E06B 9/32 (2013.01 - EP US); **E06B 9/70** (2013.01 - EP US); **E06B 2009/6836** (2013.01 - EP US); **E06B 2009/6845** (2013.01 - EP US); **E06B 2009/6854** (2013.01 - EP US)

Citation (search report)

- [A] DE 9003180 U1 19910411
- [Y] US 4490796 A 19841225 - BIGBIE SAMUEL E [US], et al
- [A] WO 8604109 A1 19860717 - RASMUSSEN KANN IND AS [DK]
- [A] 4TH IECI ANNUAL CONFERENCE PROCEEDINGS 20 mars 1978, Philadelphia, Pennsylvania, pages 216-221; KAMIYAMA et al.: "Microprocessor-controlled fast-response speed regulator for thyristorized reversible regenerative DCM drives"

Cited by

FR2944927A1; CH701966A1; FR2808834A1; EP1160415A1; US8643322B2; WO2010122513A1

Designated contracting state (EPC)

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