

Title (en)

Method and Device to Motorize Bladeset Rotation Angle of Shutter

Title (de)

Verfahren und Vorrichtung zum motorischen Rotation von Lamellen einer Jalousie

Title (fr)

Méthode et dispositif pour motoriser la rotation des lamelles d'un volet à lamelles

Publication

EP 1873345 A1 20080102 (EN)

Application

EP 06116363 A 20060629

Priority

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Abstract (en)

A method to motorize bladeset rotation angle of a shutter including the following steps: resetting the bladeset to an origin point position at first when a start instruction is received, rotating the bladeset to a given target angle with respect to the origin point, and calculating a residual angle deviation to continuously rotate the bladeset to the given target angle when an instruction of the given rotation angle is received again during the operation. Further, a device provided to motorize bladeset rotation angle of a shutter includes an input interface for inputting instructions, a sensor for sensing an origin point position of the bladeset, a driver for driving the bladeset to rotate, and a controller for calculating and controlling the operation of the driver according to the origin point position and target angle, such that the bladeset is controlled to be rotated to the required angle.

IPC 8 full level

E06B 7/086 (2006.01)

CPC (source: EP)

E06B 7/086 (2013.01)

Citation (search report)

- [XY] US 2003159355 A1 20030828 - FROERER DAVE [US], et al
- [Y] JP S5915735 A 19840126 - ISHIHARA NORISUE
- [A] US 6568131 B1 20030527 - MILANO JR ARTHUR J [US]
- [A] US 6014839 A 20000118 - RUGGLES BRYAN K [US]

Cited by

CN104855303A; BE1030303B1; CN107401361A; CN109195381A; EP4234873A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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