

Title (en)

Window lifter and control device of a window lifter

Title (de)

Fensterheber und Steuerungsvorrichtung eines Fensterhebers

Title (fr)

Lève-vitre et dispositif de commande d'un lève-vitre

Publication

EP 1645710 A1 20060412 (DE)

Application

EP 04023868 A 20041007

Priority

EP 04023868 A 20041007

Abstract (en)

The control device has a power semi conductor for controlling the motor current of a motor without self locking , and at least one wake-up input which is connected to a terminal of the motor so that a generator voltage issued by the motor in generator operation triggers the wake up from a sleep mode in to an operating mode. The control means connected to the semi conductor control the motor current in the operating mode which is dependent on the wake-up. The at least one wake-up input has a threshold value switch, preferably a window comparator. Independent claim describes window lifter with drive motor (33) and control device (31) connected to sensor (32) for detecting drive-less lowering of window pane.

IPC 8 full level

E05F 15/16 (2006.01)

CPC (source: EP)

E05F 15/695 (2015.01); **E05Y 2900/55** (2013.01)

Citation (applicant)

- EP 0504153 B1 19940824 - BOSCH GMBH ROBERT [DE]
- DE 4302143 A1 19940728 - BROSE FAHRZEUGTEILE [DE]

Citation (search report)

- [XAY] EP 0504153 A1 19920923 - BOSCH GMBH ROBERT [DE]
- [Y] GB 2026723 A 19800206 - TEKRON PATENTS LTD
- [Y] US 5483135 A 19960109 - PARKS DANIEL R [US]
- [DY] DE 19654851 C1 19980610 - BROSE FAHRZEUGTEILE [DE]

Cited by

CN113090151A; CN108541289A; US10814702B2; WO2020084068A1; DE102018126838A1

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