Title (en)

Control unit and method for movement of a window pane of a convertible vehicle

Title (de)

Steuerungsvorrichtung und Verfahren zur Steuerung eines Fensterhebers eines Kraftfahrzeugs mit einem Verdeck

Title (fr)

Dispositif de commande de leve-vitre et procédé pour commander le lève-vitre d'un véhicule cabriolet

Publication

EP 1593805 B1 20111116 (DE)

Application

EP 05002863 A 20050211

Priority

DE 202004007158 U 20040505

Abstract (en)

[origin: US2005251314A1] A controlling device with a sensor for the detection of a position of a window pane of the window lifter depending on a driving motion of an actuation is provided. The position signals generated by the sensor, for example by a path sensor or rotary pulse sensor, concern thereby the position of the window pane. Position signals are for example gained from a waviness of a driving power of a mechanically commuted electromotor. The sensor signals can thereby be evaluated by the controlling device. The controlling device includes an analogue or a digital computer unit which provides a function for the combined evaluation of the current position of the window pane and a condition of a roof of the motor vehicle. The evaluation can thereby occur for example by a respective logical circuit as computer unit, by a hard-wired program logic as computer unit or by a programmable computer unit.

IPC 8 full level

E05F 15/16 (2006.01); **B60J 7/12** (2006.01); **E05F 15/00** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP US)

E05F 15/40 (2015.01 - EP US); **E05F 15/695** (2015.01 - EP US); **E05F 15/70** (2015.01 - EP US); E05F 15/41 (2015.01 - EP US); E05Y 2400/336 (2013.01 - EP US); E05Y 2400/58 (2013.01 - EP US); E05Y 2800/73 (2013.01 - EP US); E05Y 2900/508 (2013.01 - EP US); E05Y 2900/542 (2013.01 - EP US); E05Y 2900/55 (2013.01 - EP US)

Cited by

DE102017218428B3; DE102012018703A1; DE102006007767A1; DE102006007767B4

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