Title (en)
CALIBRATING A POWERED ACTUATOR

Title (de)
JUSTIERUNG EINER MOTORISCHEN STELLVORRICHTUNG

Title (fr)
RÉGLAGE D'UN DISPOSITIF DE DÉPLACEMENT MOTORISÉ

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Application
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Abstract (en)
[origin: WO2008064914A2] A method for calibrating a powered actuator (1) for use in a vehicle is disclosed, with regard to an end position (6,7) of an actuating element (2) which is easy to achieve and conserves easily damaged mechanical components of the actuator made from plastic, rubber or similar. According to the invention, in a calibrating step, the actuator (1) is operated with recording and analysis of an actuation speed measured parameter (U) such that the actuating element (2) is moved in the direction of the end position (6,7) and reaching the end position (6,7) is recognised when the value of the actuation speed measured parameter (U) reaches or drops below a given threshold. A temperature parameter (T) characterising the temperature of the actuator (1) is evaluated before or during the calibration process. The calibration step is then only carried out if the value of the temperature parameter (T) does not exceed an upper temperature limit. An actuator (1) suitable for carrying out said method is also disclosed.

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