Title (en)

METHOD AND DEVICE FOR DETERMINING THE EXTERNAL FORCE EXERTED ON A MOTOR VEHICLE FLAP WHICH CAN BE MOVED ABOUT AN AXIS BY A MOTOR AND IN A REGULARLY ROTATORY MANNER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG DER AUF EINE MOTORISCH SOWIE REGELMÄßIG ROTATORISCH UM EINE ACHSE BEWEGBAREN KRAFTFAHRZEUGKLAPPE AUSGEÜBTEN EXTERNEN KRAFT

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉTERMINER LA FORCE EXTERNE EXERCÉE SUR UN OUVRANT DE VÉHICULE AUTOMOBILE POUVANT ÊTRE DÉPLACÉ PAR MOTEUR ET RÉGULIÈREMENT EN ROTATION AUTOUR D'UN AXE

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Application

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Abstract (en)

[origin: WO2021151432A1] The subject matter of the invention is a method for determining an external force (Tz) exerted on a motor vehicle flap (1) which can be moved about an axis (2) by a motor and in a regularly rotatory manner. At least one acceleration sensor (4) is provided as a first sensor (4) in or on the motor vehicle flap (1). A second sensor (5) is also implemented. The signals of both sensors (4, 5) are evaluated by a control unit (6). According to the invention, the second sensor (5) is designed to measure the angle and/or measure the path of the motor vehicle flap (1) with respect to a motor vehicle body (3).

IPC 8 full level

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