

Title (en)

DEVICE FOR DISPLACING A REAR HATCH OF A MOTOR VEHICLE REAR OF A MOTOR VEHICLE AND METHOD FOR CLOSING A REAR HATCH OF A MOTOR VEHICLE

Title (de)

VORRICHTUNG ZUM BEWEGEN EINER HECKKLAPPE EINES KRAFTFAHRZEUGS, HECK EINES KRAFTFAHRZEUGS UND VERFAHREN ZUM SCHLIESSEN EINER HECKKLAPPE EINES KRAFTFAHRZEUGS

Title (fr)

DISPOSITIF PERMETTANT DE DEPLACER LE HAYON D'UN VEHICULE A MOTEUR, ARRIERE D'UN VEHICULE A MOTEUR ET PROCEDE DE FERMETURE D'UN HAYON DE VEHICULE A MOTEUR

Publication

EP 1787001 A1 20070523 (DE)

Application

EP 05769886 A 20050722

Priority

- DE 2005001317 W 20050722
- DE 102004035638 A 20040722

Abstract (en)

[origin: WO2006010365A1] The invention relates to a device for displacing a rear hatch (12) of a motor vehicle, whereby the rear hatch (12) can adopt a closed position (12c) and an intermediate position (12b), different from the closed position (12c). According to the invention, the device comprises actuators (14), by means of which the rear hatch (12) itself may be displaced alone in translation between the intermediate position (12b) and the closed position (12c). The rear (10) of a motor vehicle (12) and a rear hatch opening (18), whereby the rear hatch opening (18) comprises an opening boundary (20) and the rear hatch (12) comprises a rear hatch edge (13) and the rear hatch (12) can adopt a closed position (12c) and an intermediate position (12b), different from the closed position (12c). According to the invention, the opening boundary (20) and the rear hatch edge (13) have an overall essentially constant separation from each other in the intermediate position (12b). A method for closing a rear hatch (12) of a motor vehicle, whereby the rear hatch (12) can adopt an open position (12a), a closed position (12c) and an intermediate position (12b), different from the closed position (12c), comprising the following steps: positioning the rear hatch (12) in an open position (12a), pivoting the rear hatch (12) from the open position (12a) into the intermediate position (12b), linear displacement of the rear hatch (12) from the intermediate position (12b) into the closed position (12c), whereby the linear displacement occurs over a path of from 1 cm to 5 cm.

IPC 8 full level

E05D 15/58 (2006.01)

CPC (source: EP US)

E05D 15/582 (2013.01 - EP US); **E05D 3/022** (2013.01 - EP US); **E05F 15/611** (2015.01 - EP US); **E05Y 2900/546** (2013.01 - EP US)

Citation (search report)

See references of WO 2006010365A1

Citation (examination)

US 2895161 A 19590721 - BADURA EDMUND S

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

DE 102004035638 A1 20060216; **DE 102004035638 B4 20100819**; EP 1787001 A1 20070523; US 2007246964 A1 20071025; US 7401841 B2 20080722; WO 2006010365 A1 20060202

DOCDB simple family (application)

DE 102004035638 A 20040722; DE 2005001317 W 20050722; EP 05769886 A 20050722; US 57245505 A 20050722