

Title (en)

Method for remote controlled opening or closure of a motor vehicle tailgate, and a corresponding device

Title (de)

Verfahren zum fernbetätigten Öffnen bzw. Schliessen einer heckseitigen Klappe eines Kraftfahrzeuges und Vorrichtung dazu

Title (fr)

Procédé pour l'ouverture ou la fermeture télécommandée d'un hayon arrière d'un véhicule automobile, et dispositif pour ce procédé

Publication

EP 1422366 A3 20061122 (DE)

Application

EP 03025883 A 20031112

Priority

DE 10254708 A 20021123

Abstract (en)

[origin: EP1422366A2] The method involves using at least one switch (6) inside the motor vehicle, a radio key (8) and/or a switch (7) in the flap (2) region. Before opening and/or closing the flap a device (15) detects whether the trailer coupling (9) is occupied. If the coupling is occupied remote operation from within the vehicle is inhibited. AN Independent claim is also included for the following: (a) an arrangement for remote opening and closing of a rear flap of a motor vehicle.

IPC 8 full level

E05B 49/00 (2006.01); **B60D 1/00** (2006.01); **E05B 65/19** (2006.01); **E05B 65/36** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP)

E05F 15/40 (2015.01); **E05F 15/70** (2015.01); **E05F 2015/483** (2015.01); **E05Y 2400/53** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2800/254** (2013.01); **E05Y 2900/546** (2013.01)

Citation (search report)

- [X] DE 19813025 A1 19990930 - WAGON AUTOMOTIVE GMBH [DE]
- [X] US 2002084675 A1 20020704 - BUCHANAN HARRY CHARLES [US], et al
- [X] EP 0968863 A1 20000105 - MANNESMANN VDO AG [DE]

Cited by

DE102009055778B4; CN104685146A; DE102004057220A1; DE102004057220B4; US2018328094A1; US10876345B2; DE102005055002A1; DE102005055002B4; WO2014006028A1; US9574388B2; US9637087B2; US10774575B2; US9725942B2; DE102016113084A1; US11084342B2; US10696109B2; US10940726B2; US11221262B2; US10429430B2; US10670479B2; US11135882B2; US9920564B2; US10563447B2; US11161555B2; US11384589B2; US11491832B2; US11702148B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1422366 A2 20040526; **EP 1422366 A3 20061122**; **EP 1422366 B1 20080227**; AT E387557 T1 20080315; DE 10254708 A1 20040603; DE 50309249 D1 20080410; ES 2299660 T3 20080601

DOCDB simple family (application)

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