

Title (en)

METHOD FOR THE OPERATION OF A MOTORIZED FLAP ARRANGEMENT OF A MOTOR VEHICLE

Title (de)

VERFAHREN FÜR DEN BETRIEB EINER MOTORISCHEN KLAPPENANORDNUNG EINES KRAFTFAHRZEUGS

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN ENSEMBLE À OUVRANT MOTORISÉ D'UN VÉHICULE AUTOMOBILE

Publication

EP 3870789 A1 20210901 (DE)

Application

EP 19795522 A 20191024

Priority

- DE 102018126838 A 20181026
- EP 2019079053 W 20191024

Abstract (en)

[origin: WO2020084068A1] The invention relates to a method for the operation of a motorized flap arrangement (1) of a motor vehicle (2), wherein the flap arrangement (1) has a flap (4) which is pivotable with respect to a motor vehicle body (3), wherein the flap arrangement (1) has a back-driveable drive arrangement (5) for the motorized adjustment of the flap (4) and a control arrangement (6) for controlling the drive arrangement (5). It is proposed that an, in particular gravitationally induced, predetermined flap deflection is detected by means of the control arrangement (6) from a de-energized intermediate position of the flap (4) in a monitoring routine (7) and, in response to the detection of the predetermined flap deflection, a holding routine (8) is triggered in which the drive arrangement (5) is adjusted to a flap-holding position in a holding control circuit.

IPC 8 full level

E05F 15/611 (2015.01); **E05F 1/10** (2006.01); **E05F 15/622** (2015.01); **E05F 15/70** (2015.01)

CPC (source: EP US)

E05F 15/611 (2015.01 - EP); **E05F 15/622** (2013.01 - EP US); **E05F 15/70** (2015.01 - EP US); **G08B 5/22** (2013.01 - US); **E05F 1/1091** (2013.01 - EP); **E05Y 2201/218** (2013.01 - US); **E05Y 2201/234** (2013.01 - US); **E05Y 2201/246** (2013.01 - US); **E05Y 2201/408** (2013.01 - EP); **E05Y 2201/418** (2013.01 - EP); **E05Y 2201/434** (2013.01 - US); **E05Y 2201/478** (2013.01 - EP); **E05Y 2201/702** (2013.01 - US); **E05Y 2400/3014** (2024.05 - EP); **E05Y 2400/41** (2013.01 - US); **E05Y 2400/44** (2013.01 - EP US); **E05Y 2400/452** (2013.01 - EP); **E05Y 2400/50** (2013.01 - EP); **E05Y 2400/506** (2013.01 - EP); **E05Y 2400/51** (2013.01 - EP); **E05Y 2400/52** (2013.01 - US); **E05Y 2400/818** (2013.01 - US); **E05Y 2900/546** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020084068 A1 20200430; CN 113396266 A 20210914; DE 102018126838 A1 20200430; EP 3870789 A1 20210901; US 2021396064 A1 20211223

DOCDB simple family (application)

EP 2019079053 W 20191024; CN 201980086214 A 20191024; DE 102018126838 A 20181026; EP 19795522 A 20191024; US 201917288736 A 20191024