

Title (en)

ADJUSTMENT OF A VEHICLE FLAP, AND ADJUSTMENT METHOD

Title (de)

JUSTAGE FÜR FAHRZEUGKLAPPE UND VERFAHREN ZUR JUSTAGE

Title (fr)

RÉGLAGE D'OUVRANT DE VÉHICULE ET PROCÉDÉ DE RÉGLAGE

Publication

EP 3516241 A1 20190731 (DE)

Application

EP 17777240 A 20170926

Priority

- DE 202016105345 U 20160926
- EP 2017074386 W 20170926

Abstract (en)

[origin: WO2018055205A1] The invention relates to the adjustment of a vehicle flap of an agricultural vehicle, watercraft, or airplane using at least two linear cylinders, wherein each linear cylinder has at least two hydraulic chambers which can be filled with hydraulic fluid, such as a transmission oil. In such a system, the hydraulic fluids in the two hydraulic chambers can be pressurized to different degrees. The invention additionally relates to a method for controlling a vehicle flap which assumes a specific position and/or orientation on the basis of the pressure conditions in the linear cylinders. An additional load in the form of a hydraulic unit for controlling the adjustment of the flap can be designed with respect to the load switching behavior over time such that the load does not (noticeably) influence the remaining transmission control.

IPC 8 full level

F15B 11/16 (2006.01)

CPC (source: EP)

F15B 11/16 (2013.01); **F15B 20/004** (2013.01); **F15B 11/163** (2013.01); **F15B 2013/0413** (2013.01); **F15B 2211/3051** (2013.01); **F15B 2211/30515** (2013.01); **F15B 2211/3127** (2013.01); **F15B 2211/7128** (2013.01); **F15B 2211/8633** (2013.01); **F15B 2211/8752** (2013.01)

Citation (search report)

See references of WO 2018055205A1

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 2018055205 A1 20180329; EP 3516241 A1 20190731; EP 3516241 B1 20220803

DOCDB simple family (application)

EP 2017074386 W 20170926; EP 17777240 A 20170926