

Title (en)

HYDRAULIC DRIVE SYSTEM USED FOR THE COVERS OF VEHICLE OPENINGS

Title (de)

HYDRAULISCHES ANTRIEBSSYSTEM FÜR ABDECKUNGEN VON FAHRZEUGÖFFNUNGEN

Title (fr)

SYSTEME D'ENTRAÎNEMENT HYDRAULIQUE POUR DES COUVERTURES D'OUVERTURES DE VEHICULES

Publication

EP 1656274 B1 20071121 (DE)

Application

EP 04763717 A 20040802

Priority

- EP 2004008649 W 20040802
- DE 10338551 A 20030819

Abstract (en)

[origin: WO2005018972A1] The invention relates to a hydraulic drive system used for the covers of vehicle openings, in particular for vehicle roofs with a construction that can be opened. In said system, the actuator (1) that is designed to displace the cover is supplied with a bulk current, whose target value is determined in accordance with the control path of the actuator (1), which is in correlation with the controlled displacement of the cover and whose actual value is detected when supplied to the actuator (1) by means of a bulk current sensor (15). The bulk current is adjusted to compensate for differences between the actual and target values.

IPC 8 full level

B60J 7/057 (2006.01); **B60J 7/08** (2006.01); **B60J 7/12** (2006.01); **B60J 7/185** (2006.01); **F15B 9/03** (2006.01); **F15B 11/046** (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP US)

F15B 9/03 (2013.01 - EP US); **F15B 11/046** (2013.01 - EP US); **F15B 15/262** (2013.01 - EP US); **F15B 2211/3144** (2013.01 - EP US); **F15B 2211/327** (2013.01 - EP US); **F15B 2211/6326** (2013.01 - EP US); **F15B 2211/6336** (2013.01 - EP US); **F15B 2211/6654** (2013.01 - EP US); **F15B 2211/6656** (2013.01 - EP US)

Cited by

DE102012210799A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2005018972 A1 20050303; DE 10338551 B3 20050317; DE 502004005573 D1 20080103; EP 1656274 A1 20060517; EP 1656274 B1 20071121; US 2006202504 A1 20060914; US 7185939 B2 20070306

DOCDB simple family (application)

EP 2004008649 W 20040802; DE 10338551 A 20030819; DE 502004005573 T 20040802; EP 04763717 A 20040802; US 35568806 A 20060216