

Title (en)

ELECTRICAL SYSTEM FOR CONTROLLING A FUNCTIONAL MEMBER AND SYSTEM FOR DRIVING THE WHEELS OF A MOTOR VEHICLE

Title (de)

ELEKTRISCHES SYSTEM ZUR STEUERUNG EINES FUNKTIONSELEMENTS UND SYSTEM ZUM ANTRIEB DER RÄDER EINES KRAFTFAHRZEUGS

Title (fr)

SYSTÈME ÉLECTRIQUE DE PILOTAGE D'UN ORGANE FONCTIONNEL ET SYSTÈME D'ENTRAÎNEMENT DE ROUES D'UN VÉHICULE AUTOMOBILE

Publication

**EP 3646364 A1 20200506 (FR)**

Application

**EP 18737665 A 20180606**

Priority

- FR 1755858 A 20170627
- FR 2018051308 W 20180606

Abstract (en)

[origin: WO2019002711A1] The invention relates to an electrical system (112, 128) which comprises: - an electrical device (112) comprising two electrical power supply terminals (114, 116) intended for being connected to a positive terminal and a negative terminal, respectively, of an electricity source (108), a functional member (118) intended for being powered by the electricity source (108) and a first controllable switch (120) placed between the functional member (118) and one of the electrical power supply terminals (114, 116); - a control device (128) designed to control the first controllable switch (120) in order to control the functional member (118). The electrical system (112, 128) also comprises a second controllable switch (122) placed between the functional member (118) and one of the electrical power supply terminals (114, 116) and the control device (128) is furthermore designed to detect a fault of the electrical device (112) and, in the case of detecting a fault, to open the second controllable switch (122) in order to disable the functional member (118).

IPC 8 full level

**H01H 83/00** (2006.01)

CPC (source: EP)

**H01H 83/00** (2013.01)

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 2019002711 A1 20190103**; CN 110870034 A 20200306; CN 110870034 B 20221101; EP 3646364 A1 20200506; EP 3646364 B1 20240501; FR 3068181 A1 20181228; FR 3068181 B1 20191129

DOCDB simple family (application)

**FR 2018051308 W 20180606**; CN 201880043551 A 20180606; EP 18737665 A 20180606; FR 1755858 A 20170627