

Title (en)

DEVICE AND METHOD FOR CONTROLLING A VEHICLE MODULE DEPENDING ON A STATUS SIGNAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ANSTEUERUNG EINES FAHRZEUGMODULS IN ABHÄNGIGKEIT EINES ZUSTANDSSIGNALS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMMANDE D'UN MODULE DE VÉHICULE EN FONCTION D'UN SIGNAL D'ÉTAT

Publication

EP 3642716 A1 20200429 (DE)

Application

EP 18726394 A 20180515

Priority

- DE 102017210151 A 20170619
- EP 2018062497 W 20180515

Abstract (en)

[origin: WO2018233935A1] The invention relates to a device for controlling a vehicle module depending on a status signal of a power processor that receives and evaluates sensor signals. Depending on the status signal of the power processor, the vehicle module is controlled by either the power processor or by a fall-back processor. The fall-back processor allows a failsafe operation of the vehicle module. The invention also relates to a device for controlling a vehicle module using a safety processor, by means of which the vehicle module is controlled depending on a status of a first and a second power processor, using either the sensor signals evaluated by the first power processor or the sensor signals evaluated by the second power processor. The invention further relates to a driver assistance method in which one of the devices according to the invention is used.

IPC 8 full level

G06F 11/07 (2006.01); **G06F 11/16** (2006.01); **G06F 11/20** (2006.01)

CPC (source: EP US)

B60W 50/0205 (2013.01 - US); **B60W 50/023** (2013.01 - EP US); **G06F 11/0739** (2013.01 - EP); **G06F 11/0757** (2013.01 - EP US); **G06F 11/1641** (2013.01 - EP); **G06F 11/2028** (2013.01 - US); **G06F 11/2038** (2013.01 - EP); **G06N 3/04** (2013.01 - US); **B60W 2050/021** (2013.01 - US); **B60W 2050/0215** (2013.01 - US); **G06F 11/165** (2013.01 - EP); **G06F 11/2028** (2013.01 - EP)

Citation (search report)

See references of WO 2018233935A1

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)

DE 102017210151 A1 20181220; CN 110785742 A 20200211; EP 3642716 A1 20200429; JP 2020524353 A 20200813; JP 7089588 B2 20220622; US 2021146938 A1 20210520; WO 2018233935 A1 20181227

DOCDB simple family (application)

DE 102017210151 A 20170619; CN 201880040614 A 20180515; EP 18726394 A 20180515; EP 2018062497 W 20180515; JP 2020519836 A 20180515; US 201816622808 A 20180515