Title (en)

REDUNDANT HARDWARE ARCHITECTURE FOR THE CONTROL SIGNAL STAGE OF A BRAKING SYSTEM FOR A VEHICLE ALL THE WHEELS OF WHICH ARE EACH CONNECTED TO AT LEAST ONE ROTARY ELECTRICAL MACHINE

Title (de)

REDUNDANTE HARDWAREARCHITEKTUR ZUR STEUERUNG DER SIGNALSTUFE EINES BREMSSYSTEMS FÜR EIN FAHRZEUG, BEI DEM ALLE RÄDER MIT MINDESTENS EINER DREHENDEN ELEKTRISCHEN MASCHINE VERBUNDEN SIND

Title (fr)

ARCHITECTURE MATÉRIELLE REDONDANTE POUR L'ÉTAGE DE SIGNAUX DE COMMANDE D'UN SYSTÈME DE FREINAGE D'UN VÉHICULE DONT TOUTES LES ROUES SONT RELIÉES CHACUNE À AU MOINS UNE MACHINE ÉLECTRIQUE ROTATIVE.

Publication

**EP 2193042 A1 20100609 (FR)**

Application

**EP 08804507 A 20080919**

Priority

- EP 2008062579 W 20080919
- FR 0706595 A 20070920

Abstract (en)

[origin: WO2009037352A1] Electric braking system for a road vehicle of which at least one wheel is connected for the purposes of rotation to at least one rotary electrical machine, at least one wheel control electronic module 23 driving the electrical machine or machines of one same wheel, comprising a central processing unit 3 that manages the movement of the vehicle, said central processing unit controlling the wheel control electronic module or modules 23, comprising a brake command available to a driver, said command being mechanically connected to at least three sensors C1, C2, C3 delivering a vehicle braking command signal of given amplitude representative of the total braking force desired for the vehicle, said sensors C1, C2, C3 being split between a first group C1 and a second group C2, C3, in which the sensor or sensors C1 of the first group delivers or deliver its or their control signal to the said central processing unit 3 and the sensor or sensors of the second group C2, C3 delivers or deliver its or their control signal to the or to each of the wheel control electronic module(s) 23.

IPC 8 full level

**B60L 3/00** (2006.01); **B60L 7/00** (2006.01); **B60L 15/36** (2006.01); **H02P 3/06** (2006.01)

CPC (source: EP US)

**B60L 3/0038** (2013.01 - EP US); **B60L 3/0092** (2013.01 - EP US); **B60L 3/102** (2013.01 - EP US); **B60L 7/22** (2013.01 - EP US); **B60L 7/26** (2013.01 - EP US); B60L 2200/26 (2013.01 - EP US); B60L 2250/10 (2013.01 - EP US); B60L 2260/28 (2013.01 - EP US)

Citation (search report)

See references of WO 2009037352A1

Designated contracting state (EPC)

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AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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