

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

Title (de)
REDUNDANTE HARDWARE-ARCHITEKTUR FÜR DIE STEUERSIGNALSTUFE DES BREMSYSTEMS EINES FAHRZEUGS, BEI DEM ALLE RÄDER MIT MINDESTENS EINER ELEKTRISCHEN ROTATIONSMASCHINE VERBUNDEN SIND

Title (fr)
ARCHITECTURE MATERIELLE REDONDANTE POUR L'ETAGE DE SIGNAUX DE COMMANDE D'UN SYSTEME DE FREINAGE D'UN VEHICULE DONT TOUTES LES ROUES SONT RELIEES CHACUNE A AU MOINS UNE MACHINE ELECTRIQUE ROTATIVE.

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Application
EP 07765449 A 20070615

Priority

- EP 2007055969 W 20070615
- FR 0606017 A 20060626

Abstract (en)
[origin: WO2008000638A1] The invention relates to the electrical braking system of a road vehicle in which at least one wheel is rotatably connected to at least one rotary electrical machine, at least one electronic wheel control module controlling the electrical machine(s) of one wheel, including a central unit (3) which manages the movement of the vehicle and which controls the electronic wheel control module(s) (23) and a braking control system which is at the driver's disposal and which is connected mechanically to at least a first sensor (C1) which delivers a vehicle braking control signal having a given amplitude representative of the total braking force desired for the vehicle and a second sensor (C2) which delivers a vehicle braking control signal having a given amplitude representative of the total braking force desired for the vehicle. The first sensor (C1) delivers the control signal to the central unit (3) and the second sensor (C2) delivers the control signal to each electronic wheel control module (23).

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
See references of WO 2008000638A1

Citation (examination)

- US 6476515 B1 20021105 - YAMAMOTO TAKAYUKI [JP], et al
- FR 2850071 A1 20040723 - RENAULT SA [FR]
- US 2003030322 A1 20030213 - YOKOYAMA ATSUSHI [JP], et al
- EP 1026060 A2 20000809 - TOYOTA MOTOR CO LTD [JP]

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