

Title (en)

METHOD FOR MONITORING TIRE PRESSURE OF VEHICLES WITH A CONTROL UNIT, AN ELECTRONIC MEMORY AND WITH A TIRE MODULE MOUNTED IN A VEHICLE TIRE

Title (de)

VERFAHREN ZUR REIFENDRUCKÜBERWACHUNG VON FAHRZEUGEN MIT EINEM STEUERGERÄT, EINEM ELEKTRONISCHEN SPEICHER UND EINEM IN EINEM FAHRZEUGREIFEN ANGEORDNETEN REIFENMODUL

Title (fr)

PROCEDE POUR SURVEILLER LA PRESSION DE PNEUS DE VEHICULES AVEC UN APPAREIL DE COMMANDE, UNE MEMOIRE ELECTRONIQUE ET UN MODULE DE PNEU MONTE DANS UN PNEU DE VEHICULE

Publication

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Application

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Abstract (en)

[origin: WO2007014596A1] The invention relates to a method for monitoring tire pressure of vehicles with a control unit, an electronic memory and with a tire module mounted in a vehicle tire. In order to provide a method with which the warning strategy for warning a driver is easily improved and the number of erroneous warnings is reduced, the following method provides that: a first pressure value in the vehicle tire is determined; an actual temperature value in the vehicle tire is determined; a temperature-compensated second pressure value is calculated during which the actual temperature value is taken into consideration in a pressure determination equation; the second pressure value is compared to a first critical pressure threshold value; a warning is initiated in so as far as the second pressure value falls below the first critical pressure threshold value or the first pressure value falls below a second critical pressure threshold value.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2007014596A1

Citation (examination)

- US 2002126005 A1 20020912 - HARDMAN GORDON E [US], et al
- US 2004118196 A1 20040624 - LANDES DARRIN JAMES [US], et al

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