

Title (en)

SYSTEM FOR DETERMINING INFLATING PRESSURES OF TYRES MOUNTED ON A MOTOR VEHICLE WHEELS

Title (de)

SYSTEM ZUR BESTIMMUNG VON AUFBLASDRÜCKEN VON AN KRAFTFAHRZEUGRÄDERN MONTIERTEN REIFEN

Title (fr)

SYSTEME DE DETERMINATION DE LA PRESSION DE GONFLAGE DE PNEUMATIQUES MONTES SUR DES ROUES DE VEHICULE AUTOMOBILE

Publication

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Application

EP 06779017 A 20060705

Priority

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Abstract (en)

[origin: WO2007012772A2] The invention concerns a system for determining inflating pressures of tyres mounted on a motor vehicle wheels, said system comprising means (12, 14) for acquiring vertical accelerations of a front wheel and of a rear wheel of the vehicle and means (34) for estimating coefficients of stiffness of the tyres of said wheels based on the acquired accelerations. Said system is characterized in that it comprises means (26) for temporal resetting of one of the acquired accelerations on another of the acquired accelerations, and in that the estimation means (34) are adapted to estimate said coefficients of stiffness based on the thus temporally reset accelerations.

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