

Title (en)

INDIRECT TIRE PRESSURE MONITORING METHOD

Title (de)

VERFAHREN ZUR INDIREKTEN REIFENDRUCKÜBERWACHUNG

Title (fr)

PROCEDE DE SURVEILLANCE INDIRECTE DE PRESSION DE PNEU

Publication

EP 1948454 A1 20080730 (DE)

Application

EP 06819461 A 20061114

Priority

- EP 2006068442 W 20061114
- DE 102005054556 A 20051114
- DE 102006053825 A 20061114

Abstract (en)

[origin: WO2007054586A1] The invention relates to an indirect tire pressure monitoring method during which an analysis of the natural oscillation behavior of at least one tire is carried out and at least one pressure drop analysis quantity (f_{VL} , f_{VR} , f_{HL} , f_{HR}), particularly a natural oscillation is determined. A temperature compensation (4) of the pressure drop analysis quantity (f_{VL} , f_{VR} , f_{HL} , f_{HR}) is carried out, and in order to determine a compensation quantity (2), particularly the quotient from changing the pressure drop analysis quantity and temperature change, a tire temperature (T_{tire}) calculated by using a temperature model (1) is used.

IPC 8 full level

B60C 23/06 (2006.01)

CPC (source: EP US)

B60C 23/061 (2013.01 - EP US); **B60C 23/062** (2013.01 - EP US)

Citation (search report)

See references of WO 2007054586A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

WO 2007054586 A1 20070518; DE 102006053825 A1 20070606; EP 1948454 A1 20080730; US 2008223124 A1 20080918

DOCDB simple family (application)

EP 2006068442 W 20061114; DE 102006053825 A 20061114; EP 06819461 A 20061114; US 9362606 A 20061114