

Title (en)

METHOD FOR COMPENSATING TEMPERATURE IN A TYRE PRESSURE MONITORING SYSTEM

Title (de)

VERFAHREN ZUR TEMPERATURKOMPENSATION IN EINEM REIFENDRUCKÜBERWACHUNGSSYSTEM

Title (fr)

PROCEDE DE COMPENSATION DE TEMPERATURE DANS UN SYSTEME DE CONTROLE DE LA PRESSION DES PNEUS

Publication

EP 1480842 A1 20041201 (DE)

Application

EP 03718678 A 20030228

Priority

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- EP 0302064 W 20030228

Abstract (en)

[origin: WO03074299A1] Disclosed is a method for compensating temperature in a tyre pressure monitoring system wherein tyre pressure and/or a loss of tyre pressure is detected. The method is especially characterised in that the temperature is compensated by determining the gas temperature in the tyre by means of at least two items of temperature information and by taking the determined gas temperature as a basis for said tyre monitoring. One significant advantage of the inventive method is that externally active temperature changes, such as a heat-emitting brake disk, whereby the wheel rim of the tyre and a temperature sensor arranged therein is heated more intensely than the gas in the tyre, do not lead to an indication error with respect to the tyre pressure (or a warning error).

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IPC 8 full level

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