Title (en)

METHOD AND ARRANGEMENT FOR THE DETERMINATION OF AN UPDATED WHEEL CIRCUMFERENCE OF AT LEAST ONE WHEEL ARRANGED ON A VEHICLE

Title (de)

VERFAHREN UND ANORDNUNG ZUR ERMITTLUNG EINES AKTUALISIERTEN RADUMFANGES ZUMINDEST EINES AN EINEM FAHRZEUG ANGEORDNETEN RADES

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTERMINATION D'UNE CIRCONFÉRENCE DE ROUE ACTUALISÉE D'AU MOINS UNE ROUE DISPOSÉE SUR UN VÉHICULE

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Application

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Abstract (en)

[origin: WO2008071498A1] The invention relates to a method and an arrangement for the determination of an updated wheel circumference (U*) of at least one wheel (R) arranged on a vehicle, during which at least one wheel circumference (U) is assigned to at least one wheel (R) in a control unit (CU), and during which the wheel speed (RaV) is determined by means of the control unit (CU) according to the speed of rotation (RoV) of the at least one wheel (R) and according to the assigned wheel circumference (U). Advantageously, a reference speed (RefV) of the vehicle and/or the wheel (R) is determined which is independent of the determined wheel speed (RaV); the discrepancy (V) between the at least one wheel speed (RaV) and the reference speed (RefV) is detected; and the updated wheel circumference (U*) of the at least one wheel (R) is determined according to the discrepancy (V).

IPC 8 full level

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CPC (source: EP US)

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