

Title (en)

METHOD FOR ONBOARD DIAGNOSIS OF A WHEEL ALIGNMENT OF A VEHICLE AND VEHICLE

Title (de)

VERFAHREN ZUR ONBOARD-DIAGNOSE EINER RADAUSRICHTUNG EINES FAHRZEUGS UND FAHRZEUG

Title (fr)

PROCÉDÉ POUR LE DIAGNOSTIC EMBARQUÉ D'UN ALIGNEMENT DE ROUES D'UN VÉHICULE, ET VÉHICULE

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Application

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Abstract (en)

[origin: WO2010107344A1] The invention relates to a method for onboard diagnosis of a wheel alignment of a vehicle (100), particularly for a tractor (20) and/or a combination of a tractor (20) and a trailer (30), the method comprises the steps of monitoring at least one parameter (Px) during driving which, in case a misalignment of one or more wheels (22a, 22b, 24a, 24b, 26a, 26b, 32a, 32b, 34a, 34b, 36a, 36b) is present, is indicative for the misalignment; issuing an information when an assumed misalignment of one or more wheels (22a, 22b, 24a, 24b, 26a, 26b, 32a, 32b, 34a, 34b, 36a, 36b) is detected by the at least parameter (Px) and/or by a change of the at least one parameter (?Px), wherein the information is associated with a time stamp (ts_Px, ts_tr, ts b) indicative of the time of occurrence of the supposed misalignment; associating the time stamp (ts_tr) with a configuration of the vehicle (100) at the time of occurrence of the assumed misalignment. Favourably it is possible to identify the source of wheel misalignment, i.e. if the wheel misalignment is located on the tractor or the trailer.

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