

Title (en)

METHOD AND DEVICE FOR DETERMINING THE ADHESION AND ADHESION LIMIT FOR VEHICLE TYRES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN VON KRAFTSCHLUSS UND KRAFTSCHLUSSGRENZE BEI FAHRZEUGREIFEN

Title (fr)

PROCEDE ET DISPOSITIF DE DETERMINATION DE L'ADHERENCE ET DE LA LIMITE D'ADHERENCE DE PNEUS DE VEHICULES

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Application

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Abstract (en)

[origin: DE19855332A1] The invention relates to a method and a device for determining the adhesion and/or the adhesion limit for a tyre of a vehicle. The data from the driving dynamics sensors are analysed with a driving dynamics simulation model and the analysis of the data from the roadway sensors takes the tyre characteristics into account, these being adapted to the current tyre behaviour during operation. The information from the roadway sensors is preferably analysed using a bound method in order to isolate the state of the roadway.

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