

Title (en)
METHOD TO CONTROL THE BRAKE SYSTEM OF A TRACTOR-TRAILER COMBINATION, AND BRAKE SYSTEM CONTROLLED ACCORDING TO THAT METHOD

Title (de)
VERFAHREN ZUM STEuern EINER BREMSEINRICHTUNG EINER ZUGFAHRZEUG-ANHÄNGERKOMBINATION UND BREMSEINRICHTUNG GESTeuERT NACH DEM VERFAHREN

Title (fr)
PROCÉDÉ POUR CONTRôLER LE SYSTÈME DE FREINAGE D'UNE COMBINAISON TRACTEUR-REMORQUE, ET SYSTÈME CONTRôLÉ SELON CE PROCÉDÉ

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Application
EP 14824460 A 20141219

Priority
• DE 102014100069 A 20140107
• EP 2014078682 W 20141219

Abstract (en)
[origin: CA2935989A1] The invention relates to a method for controlling a brake mechanism in a tractor vehicle-trailer combination. In said method, in a driving mode in which the service brake is not actuated, an electronic control device unit (VCU) recognizes a trailer pushing onto the tractor vehicle, and when the trailer reaches or exceeds a predetermined pushing effect, the control device unit (VCU) automatically actuates a brake system of the trailer in order to generate a braking power while the service brake of the tractor vehicle is not activated. According to the invention, the first parameter/s that the control device unit (VCU) uses for recognizing that the trailer pushes onto the tractor vehicle or at least one of the following parameters is used for forming said first variable: the consumption of a working medium, the generated driving torque, the output torque, the deceleration of the tractor vehicle, the deceleration of the trailer, the speed or acceleration of an actuating member, a difference between or a quotient of a desired tractor vehicle speed and an actual tractor vehicle speed.

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See references of WO 2015104168A1

Cited by
US11511716B2

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Designated extension state (EPC)
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DOCDB simple family (publication)
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