

Title (en)

TOWING VEHICLE CONTROLLER USING TRAILER BRAKING STRATEGY AND TRAILER BRAKING CONTROL METHOD

Title (de)

SCHLEPPFAHRZEUGSTEUERUNG MIT ANHÄNGERBREMSSTRATEGIE UND ANHÄNGERBREMSSTEUERUNGSVERFAHREN

Title (fr)

DISPOSITIF DE COMMANDE DE VÉHICULE DE REMORQUAGE À L'AIDE D'UNE STRATÉGIE DE FREINAGE DE REMORQUE ET PROCÉDÉ DE COMMANDE DE FREINAGE DE REMORQUE

Publication

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Application

EP 19748641 A 20190724

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- US 2019043285 W 20190724

Abstract (en)

[origin: WO2020023665A1] A braking controller (22) and method in a towing vehicle towing one or more towed vehicles as a combination vehicle provides brake control of the one or more towed vehicles based on a level of braking force applied to the towing vehicle. A non-enhanced braking mode applies a first level of braking force to the towed vehicles in a predetermined reduced proportion relative to the level of braking force applied to the towing vehicle, and an enhanced braking mode applies a second level of braking force to the towed vehicles greater than the first level of braking force. A needed deceleration is compared with a threshold corresponding to the non-enhanced braking mode. Alternatively, a needed deceleration is used to determine a needed (momentary) distance, which distance is compared with a detected distance. The braking mode is in all cases determined on the basis of the mentioned comparisons.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2020023665A1

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