

Title (en)

DEVICE FOR DETERMINING AT LEAST ONE MEASUREMENT VALUE RELATED TO A LOCATION AND/OR AT LEAST ONE MOVEMENT VARIABLE OF A TRACK-BOUND VEHICLE, AND METHOD FOR OPERATING SUCH A DEVICE

Title (de)

VORRICHTUNG ZUR BESTIMMUNG ZUMINDEST EINES AUF EINEN ORT UND/ODER ZUMINDEST EINE BEWEGUNGSGRÖSSE EINES SPURGEBUNDENEN FAHRZEUGS BEZOGENEN MESSWERTES SOWIE VERFAHREN ZUM BETREIBEN EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF POUR LA DÉTERMINATION D'AU MOINS UNE VALEUR DE MESURE LIÉE À UN LIEU ET/OU À AU MOINS UNE GRANDEUR DE MOUVEMENT D'UN VÉHICULE GUIDÉ AINSI QUE PROCÉDÉ POUR FAIRE FONCTIONNER UN TEL DISPOSITIF

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Application

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Abstract (en)

[origin: WO2018177677A1] The invention relates to a device (20) for determining at least one measurement value related to a location and/or at least one movement variable of a track-bound vehicle (10). According to the invention, the device (20) is designed such that a safety integrity level can be specified for the device. The device (20) additionally ascertains a confidence interval which depends on the respective specified safety integrity level in response to the measurement value or at least one of the measurement values. The device (20) according to the invention can be used in a flexible manner and at the same time reduces operational constraints due to imprecise measurement values and large confidence intervals connected thereto. The invention additionally relates to a method for operating such a device (20).

IPC 8 full level

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