

Title (en)
DETERMINING THE POSITION OF A VEHICLE

Title (de)
BESTIMMEN DER POSITION EINES FAHRZEUGS

Title (fr)
DÉTERMINATION DE LA POSITION D'UN VÉHICULE

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Application
EP 16713353 A 20160322

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Abstract (en)
[origin: WO2016150949A1] The invention relates to a sensor device for a vehicle that travels on a predetermined route, particularly a rail vehicle, comprising: a plurality of sensors designed to detect a movement of said sensor device and/or physical variables of an environment of said sensor device, and to issue corresponding measurement values, said sensors comprising magnetic sensors for detecting an orientation and/or pressure sensors and/or real time clocks; a data storage unit designed to store reference measurement values for the sensors, relating to predetermined positions on the predetermined route; and a computing unit designed to compare the measurement values issued by the sensors with the stored reference measurement values and, when the measurement values issued by the sensors coincide with said reference measurement values, to issue, as the current position of the sensor device, the position which corresponds to the respective reference measurement values. The invention also relates to a corresponding vehicle and a corresponding method.

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