

Title (en)

METHOD FOR DETERMINING A DIRECTION OF TRAVEL AND/OR POSITION, TRACK-SIDE DEVICE, AND DEVICE FOR A VEHICLE

Title (de)

VERFAHREN ZUM ERMITTELN EINER FAHRTRICHTUNG UND/ODER POSITION, STRECKENSEITIGE EINRICHTUNG UND EINRICHTUNG FÜR EIN FAHRZEUG

Title (fr)

PROCÉDÉ DE DÉTERMINATION D'UNE DIRECTION DE CONDUITE ET/OU D'UNE POSITION, DISPOSITIF CÔTÉ VOIE ET DISPOSITIF POUR UN VÉHICULE

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Abstract (en)

[origin: WO2019011570A1] The invention relates to a method for determining a direction of travel and/or position of a vehicle travelling on a route, in particular a rail vehicle, in which at least one information signal is emitted in the form of electromagnetic waves by a track-side device, in particular a balise, and is received by a device in the vehicle. In order to determine the direction of travel and/or position of the vehicle in a simple and nevertheless safe manner, the invention provides for the electromagnetic waves to be emitted in a first transmission direction with a first property and in a second transmission direction with a second property which can be distinguished from the first property, and for both the electromagnetic waves with the first property and the electromagnetic waves with the second property to be received and for the direction of travel and/or position to be determined therefrom, wherein the first transmission direction runs at least partially in a first direction of travel and the second transmission direction runs at least partially in a second direction of travel.

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