

Title (en)

METHOD FOR OPERATING A POSITIONING DEVICE, AND POSITIONING DEVICE

Title (de)

VERFAHREN ZUM BETREIBEN EINER ORTUNGSEINRICHTUNG SOWIE ORTUNGSEINRICHTUNG

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE LOCALISATION ET DISPOSITIF DE LOCALISATION

Publication

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Application

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Abstract (en)

[origin: WO2017220304A1] The invention relates to a method for operating a positioning device (10), which comprises at least one waveguide (50) laid along a route (200) for positioning a track-bound vehicle (210) on the route (200), which method is relatively simple to implement and also particularly capable and satisfies high safety requirements. For this purpose, according to the invention, the method proceeds in such a way that measurement data related to the particular track-bound vehicle (210) are captured by means of a route-side sensor device (81), at least one electromagnetic pulse is fed into the waveguide (50), at least one backscatter pattern produced by backscattering of the at least one electromagnetic pulse is detected and is subjected to an evaluation, at least one vehicle-specific characteristic value determined in the evaluation is verified on the basis of the captured measurement data and, if the verification of the at least one vehicle-specific characteristic value is successful, a positioning signal based on the evaluation of the at least one backscatter pattern and indicating the position of the track-bound vehicle (210) is provided by the positioning device (10). The invention further relates to a positioning device (10).

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