

Title (en)

METHOD, TRACK-SIDE TRANSMISSION DEVICE, AND SUBSYSTEM FOR A TRAIN CONTROL SYSTEM

Title (de)

VERFAHREN, STRECKENSEITIGE ÜBERTRAGUNGSEINRICHTUNG UND SUBSYSTEM FÜR EIN ZUGBEEINFLUSSUNGSSYSTEM

Title (fr)

PROCÉDÉ, DISPOSITIF DE TRANSMISSION DU CÔTÉ DE LA VOIE ET SOUS-SYSTÈME POUR UN SYSTÈME DE CONTRÔLE DE LA MARCHE DE TRAINS

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Abstract (en)

[origin: WO2019091772A1] The invention relates to a method for a train control system (4), wherein a vehicle-side transmission device (12; 17), by means of modulation, forms a modulated activation signal (36; 56) from an activation signal (34; 54) and an information signal (35; 55) and transmits said modulated activation signal to a track-side transmission device (16; 19) via a transmission channel (38; 58). For improved monitoring of the position of track-guided vehicles, in particular rail vehicles, on a track section, according to the invention the track-side transmission device (16; 19) determines the information signal (35; 55) by demodulating the modulated activation signal (36; 56). The invention further relates to a track-side transmission device and to a subsystem for a train control system.

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