

Title (en)

DEVICE FOR DETECTING THE OCCUPIED STATE AND THE FREE STATE OF A TRACK SECTION AS WELL AS METHOD FOR OPERATING SUCH A DEVICE

Title (de)

VORRICHTUNG ZUR DETEKTION DES BELEGT- UND FREIZUSTANDES EINES GLEISABSCHNITTS SOWIE VERFAHREN ZUM BETREIBEN EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF PERMETTANT DE DÉTECTER SI UN TRONÇON DE VOIE EST LIBRE OU OCCUPÉ ET PROCÉDÉ POUR FAIRE FONCTIONNER UN TEL DISPOSITIF

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Application

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Abstract (en)

[origin: WO2010100054A1] The invention relates to a device (V) for detecting the occupied state or free state of a track section (G) which is particularly simple and at the same time particularly resistant to interference influences, said device (V) having a transmitter (S) for feeding a transmission signal (SIGS), encoded by means of modulation, into the running rails (F) of the track section (G) and at least one receiver (E) for receiving a reception signal (SIGE) which is brought about through transmission of the transmission signal (SIGS) via the running rails (F) of the track section (G), wherein the device (V) according to the invention is designed to compare the modulation of the reception signal (SIGE) with the modulation of the transmission signal (SIGS). The invention also relates to a method for operating a device (V) for detecting the occupied state and free state of a track section (G).

IPC 8 full level

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Citation (search report)

See references of WO 2010100054A1

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