

Title (en)

METHOD AND DEVICE FOR AUTOMATICALLY INFLUENCING TRACK-BOUND VEHICLES

Title (de)

VERFAHREN SOWIE VORRICHTUNG ZUR AUTOMATISCHEN BEEINFLUSSUNG SPURGEBUNDENER FAHRZEUGE

Title (fr)

PROCÉDÉ ET DISPOSITIF SERVANT À INFLUENCER DE MANIÈRE AUTOMATIQUE DES VÉHICULES GUIDÉS SUR RAILS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016146365A1] The invention relates to a method for automatically influencing track-bound vehicles (10, 20), wherein in a normal operating mode the track-bound vehicles (10, 20) signal their respective position to a track-side device (40), the track side device (40) determines a respective movement authority (70, 71) taking into account the signalled positions for the track-bound vehicles (10, 20) and transmits said movement authority (70, 71) to the respective track-bound vehicle (10, 20). In order to maintain efficient operation of the track-bound vehicles (10, 20), even for a case in which one of the track-bound vehicles (10, 20) is faulty to the effect that it cannot ensure its integrity and is consequently not able to signal a valid or reliable position, the invention provides that, without interrupting the travel operation of the track-bound vehicles (10, 20), switching over into a fault mode takes place, wherein in the fault mode the faulty track-bound vehicle (10) determines a position of one of its vehicle ends and signals said position, together with information to the effect that it cannot ensure its integrity, to the track-side device (40). The movement authorities (70, 72) for the track-bound vehicles (10, 20) are then determined by the track-side device (40) in such a way that the signalled position is taken into account with respect to the one vehicle end of the faulty track-bound vehicle (10) and a track release information item of a track-side track release system is taken into account with respect to the other vehicle end of said faulty track-bound vehicle (10).

IPC 8 full level

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Cited by

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