

Title (en)

METHOD AND SYSTEM CONFIGURATION FOR RE-DETERMINING THE LOCATION OF A RAIL VEHICLE

Title (de)

VERFAHREN UND SYSTEMKONFIGURATION ZUM REORTEN EINES SCHIENENFAHRZEUGES

Title (fr)

PROCÉDÉ ET CONFIGURATION DE SYSTÈME POUR RELOCALISER UN VÉHICULE FERROVIAIRE

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Application

EP 15712554 A 20150317

Priority

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Abstract (en)

[origin: WO2015154950A1] The invention relates to a method for re-determining the location of a first rail vehicle (1) whose locating function has failed, and to a corresponding system configuration. The method permits rapid re-determination of the location without deployment of personnel by providing the following steps: 1. Stopping the first rail vehicle (1), 2. Transmission of the failure information by the first rail vehicle (1) to a route-monitoring device (12), 3. Transmission of the failure information by the route-monitoring device (12) to a second rail vehicle (2) which follows the first rail vehicle (1), 4. Moving the second rail vehicle (2) close to the first rail vehicle (1), 5. Activating a distance sensor (7) of the second rail vehicle (2), and measuring the distance from the first rail vehicle (1), 6. Stopping the second rail vehicle (2) at a position which is at a safe distance from the first rail vehicle (1), 7. Transmitting the position of the second rail vehicle (2) and its distance from the first rail vehicle (1) to the route-monitoring device (12) and 8. Determination of the position data of the first rail vehicle (1) by the route-monitoring device (12) from the data received in step 7.

IPC 8 full level

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