

Title (en)
METHOD AND ARRANGEMENT FOR OPERATING RADIO-INFLUENCED RAIL-BOUND VEHICLES

Title (de)
VERFAHREN UND ANORDNUNG ZUM BETREIBEN FUNKZUGBEEINFLUSSTER SPURGEBUNDENER FAHRZEUGE

Title (fr)
PROCÉDÉ ET ENSEMBLE PERMETTANT DE FAIRE FONCTIONNER DES VÉHICULES GUIDÉS SUR RAILS ET COMMANDÉS PAR RADIO

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EP 3089904 A1 20161109 (DE)

Application
EP 15703521 A 20150128

Priority

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- EP 2015051690 W 20150128

Abstract (en)
[origin: WO2015128148A1] The invention relates to a method for operating rail-bound vehicles (6, 6.1 to 6.6) which are radio-influenced by route-side transmitting/receiving devices (1, 1.1, 1.2, 1.3) and vehicle-side transmitting/receiving devices (2), and to an associated arrangement. In order to be able to reduce the number of necessary route-side transmitting/receiving devices (1), it is provided that vehicle-side transmitting/receiving devices (2), which temporarily have no radio link to a route-side transmitting/receiving device (1.1, 1.2, 1.3), establish a radio link to vehicle-side transmitting/receiving devices (2) of at least one further vehicle (6.1 to 6.6), located within radio range, such that a closed data transmission chain is formed between the vehicle-side transmitting/receiving devices (2) and a route-side transmitting/receiving device (1.1, 1.2, 1.3), wherein the route-side train-influencing component (8) transmits to the vehicles (6.1 to 6.6) of the data transmission chain, in addition to the Movement Authority - MA - data, identification - ID - data of the preceding and following vehicle (6.1 to 6.6), and wherein the vehicle-side train-influencing component (7) transmits position report - PR - data to the route-side train-influencing component (8) and additionally to the vehicle-side train-influencing component (7) of the following vehicle (6.1 to 6.6).

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