

Title (en)
ESTABLISHING AN AD HOC COMMUNICATION NETWORK, AND PRIORITY-CONTROLLED DATA TRANSMISSION IN A RAIL VEHICLE

Title (de)
AUFBAU EINES AD-HOC-KOMMUNIKATIONSNETZWERKS UND PRIORITÄTSGESTEUERTE DATENÜBERTRAGUNG IN EINEM SCHIENENFAHRZEUG

Title (fr)
ÉTABLISSEMENT D'UN RÉSEAU DE COMMUNICATION AD-HOC ET TRANSMISSION DE DONNÉES GÉRÉE SUR LA BASE DES PRIORITÉS DANS UN VÉHICULE FERROVIAIRE

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Application
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Abstract (en)
[origin: WO2016102159A1] The invention relates to a method for establishing communication and for transmitting data between sensor units (10a-j, 12a-c, 14a-e, 16a-e) in a rail vehicle (2) and to a rail vehicle (2) comprising a communication network (4) which has multiple network nodes (6). An advantageous communication network (4) and/or an advantageous data transmission can be achieved if the sensor units (10a-j, 12a-c, 14a-e, 16a-e) independently form an ad hoc network (8) with a network topology (N) for transmitting data in the rail vehicle (2), configure said network, and change the network topology (N) over the course of the data transmission and/or if the communication network (4) is an ad hoc network (8) and the network nodes (6) are sensor units (10a-j, 12a-c, 14a-e, 16a-e).

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Citation (search report)
See references of WO 2016102159A1

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