

Title (en)
MONITORING DEVICE FOR A PASSENGER TRANSPORT SYSTEM, TESTING METHOD AND PASSENGER TRANSPORT SYSTEM

Title (de)
ÜBERWACHUNGSVORRICHTUNG FÜR EINE PERSONENTRANSPORTANLAGE, PRÜFVERFAHREN UND PERSONENTRANSPORTANLAGE

Title (fr)
DISPOSITIF DE SURVEILLANCE POUR UNE INSTALLATION DE TRANSPORT DE PERSONNES, PROCEDE DE VERIFICATION ET
INSTALLATION DE TRANSPORT DE PERSONNES

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Application
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Abstract (en)
[origin: WO2017108525A1] The monitoring device, which is used to monitor a passenger transport system, comprises: at least one sensor (8); a control unit (10); a bus (9); at least one bus node (30) connected to the bus (9), said node having a first microprocessor (4) and an inspection unit (5); and communication means which are provided in the control unit (10), the first microprocessor (4) and the inspection unit (5) and by means of which data can be transmitted at least from the control unit (10) to the inspection unit (5) and from the first microprocessor (4) to the control unit (10). A first programme module is provided in the first microprocessor (4), by means of which module an alteration in the state of the sensor (8) that is connected to an input of the first microprocessor (4) via a transmission line (6) can be detected and a corresponding message concerning the state can be transmitted spontaneously to the control unit (10). According to the invention, the inspection unit (5) comprises a second programme module designed such that after an instruction from the control unit (10) to a coupling point (31,..., 49) within the bus node (30) has been received, an activation signal can be transmitted, said signal being capable of simulating an alteration in the state of the sensor (8). The activation signal is superimposed on a sensor signal and/or is coupled into a power supply line (72) that is connected to the sensor (8).

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