

Title (en)
SENSOR NETWORK FOR A PERSON TRANSPORT INSTALLATION

Title (de)
SENSORNETZWERK FÜR EINE PERSONENTRANSPORTANLAGE

Title (fr)
RÉSEAU DE CAPTEURS POUR UNE INSTALLATION DE TRANSPORT DE PERSONNES

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Application
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Abstract (en)
[origin: WO2018178037A1] The invention relates to a sensor network (3) for a passenger transport system (1). The sensor network (3) has a master unit (35), a signal-transferring apparatus (17), and a plurality of sensor nodes (19). Each sensor node (19) has at least one sensor (21) for sensing a physical measurement variable and is designed to transfer the sensed measurement variable to the master unit (35) via the signal-transferring apparatus (17). The master unit (35) has a sensor-identifying module (39), which is designed to determine the identity of the at least one sensor (21) of each of the sensor nodes (19) by taking into account information, stored beforehand in a database, of (i) a first information type with information about reference measurement results typically to be provided by a particular sensor (21) under already known conditions, (ii) a second information type with information about the identity of a sensor node (19) containing the particular sensor (21), the sensor node (19) having a plurality of different sensors (21) or a plurality of identical sensors (21) in different configurations, and/or (iii) a third information type with information about a configuration of a sensor node (19) holding the particular sensor (21), which configuration was defined in advance. Identities and in particular installation locations of potentially structurally identical sensors (21) can be determined in an automated manner in the sensor network (3), which can help to simplify installation of the sensor network (3) and to avoid errors.

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