

Title (en)

METHOD AND DEVICE FOR MONITORING THE OPERATING PARAMETERS IN A PERSONAL TRANSPORT INSTALLATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ÜBERWACHEN VON BETRIEBSPARAMETERN IN EINER PERSONENTRANSPORTANLAGE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE SURVEILLANCE DE PARAMÈTRES DE FONCTIONNEMENT DANS UNE INSTALLATION DE TRANSPORT DE PERSONNES

Publication

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Application

EP 18710470 A 20180313

Priority

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Abstract (en)

[origin: WO2018166994A1] The invention relates to a method and a device (3) for monitoring operating parameters in a passenger transport installation (1) such as, for example, an elevator or an escalator. The passenger transport installation (1) has a plurality of sensors (37, 39, 41) detecting different operating parameters as well as a signal processing device (35). The method comprises the following steps: (i) repeatedly detecting a first operating parameter by means of a first (37) of the sensors;(ii) triggering a second (39) of the sensors as soon as the first operating parameter detected by the first sensor (37) assumes a predetermined trigger characteristic;(iii) detecting a second operating parameter by means of the second sensor (39) and transmitting a signal reproducing the detected second operating parameter to the signal processing device (35) in response to the triggering;and (iv) processing the signal, for example, in the signal processing device (35) or an external monitoring device (36) for monitoring the second operating parameter. Due to the intended remote triggering of individual sensors (39, 41) by other sensors (37, 39), a data processing amount and/or a data transmission amount can be reduced, a need for wiring can be reduced and complex sensor functions can be achieved with the aid of simple sensors (37, 39, 41) which cooperate with one another. This may in particular advantageous during the retrofitting of existing passenger transport installations.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- EP 3075692 A1 20161005 - OTIS ELEVATOR CO [US]
- EP 2549295 A2 20130123 - VALEO SCHALTER & SENSOREN GMBH [DE]
- WO 2017028919 A1 20170223 - OTIS ELEVATOR CO [US], et al

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