

Title (en)
SUPPORTING MEANS FOR AN ELEVATOR INSTALLATION, WITH MULTIPLE SENSORS ARRANGED ALONG THE SUPPORTING MEANS

Title (de)
TRAGMITTEL FÜR EINE AUFZUGANLAGE MIT MEHREREN ENTLANG DES TRAGMITTELS ANGEORDNETEN SENSOREN

Title (fr)
ÉLÉMENT DE SUPPORT POUR INSTALLATION D'ASCENSEUR, COMPORTANT PLUSIEURS DÉTECTEURS DISPOSÉS LE LONG DU MOYEN DE SUPPORT

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EP 3426587 A1 20190116 (DE)

Application
EP 17707904 A 20170302

Priority
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• EP 2017054919 W 20170302

Abstract (en)
[origin: WO2017153250A1] A supporting means (3) for an elevator installation is proposed, which supporting means has at least one elongate load-bearing element (3) and has a casing (5) surrounding the load-bearing element (3) and has a multiplicity of sensors (7). The sensors (7) are arranged on the supporting means (3) at multiple positions which are spaced apart from one another along a longitudinal direction of extent (9) of the supporting means (3). The sensors (7) are designed to determine at least one physical characteristic of the load-bearing element (3) in a region locally adjacent to the respective sensor (7) and to output a signal (11) which indicates the determined physical characteristic. For example, a sensor (7) may determine a local expansion, a local bending, a local acceleration, a locally acting force, a local temperature and/or an electrical conductivity at, in or through the supporting means (1). The state of the supporting means (1) can thereby be determined not only as an average for the entire supporting means (1) but with regard to multiple positions along the length of the supporting means (1), which can inter alia allow improved statements to be made regarding a discard criteria of the supporting means (1).

IPC 8 full level
B66B 7/12 (2006.01)

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Citation (search report)
See references of WO 2017153250A1

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