

Title (en)

METHOD AND DEVICE FOR DETECTING DAMAGE IN A SUPPORTING MEANS FOR A LIFT SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DETEKTIEREN VON SCHÄDEN IN EINEM TRAGMITTEL FÜR EINE AUFZUGANLAGE

Title (fr)

PROCEDE ET DISPOSITIF DE DETECTION DE DOMMAGES DANS UN ELEMENT DE SUSPENSION DE CHARGE D'UNE INSTALLATION D'ASCENSEUR

Publication

EP 3458399 B1 20210512 (DE)

Application

EP 17722483 A 20170515

Priority

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- EP 2017061605 W 20170515

Abstract (en)

[origin: WO2017198612A1] A method and a correspondingly configured device (1) for detecting damage or defects in a support means comprising at least one tension member (3) for an elevator system are specified. In this case, a pulse generator (9) generates at least one electrical digital input signal (4) which represents at least one first binary number (4B) and is fed to the tension member (3). After the digital input signal (4) has passed through the tension member (3), it is detected as a digital output signal (5), wherein the digital output signal (5) likewise represents at least one second binary number (5B). The second binary number (5B) is then compared, in particular compared digit by digit or bit by bit, with a setpoint binary number (14) and/or directly with the first binary number (4B). Damage in the tension member (3) is determined on the basis of an issued comparison result. If the second binary number (5B) deviates from the setpoint binary number (14) and/or from the first binary number (4B), a fault message is generated.

IPC 8 full level

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