

Title (en)

LIFT SYSTEM WITH LOAD-BEARING MEANS PARTIALLY SURROUNDED BY AN ELECTRICALLY CONDUCTIVE HOUSING, IN PARTICULAR AT A DEFLECTION ROLLER ASSEMBLY

Title (de)

AUFZUGANLAGE MIT VON EINEM ELEKTRISCH LEITFÄHIGEN GEHÄUSE TEILWEISE UMGEBENEM TRAGMITTEL, INSBESONDERE AN EINER UMLENKROLLENANORDNUNG

Title (fr)

INSTALLATION D'ASCENSEUR AVEC UN ÉLÉMENT DE SUSPENSION ENTOURÉ EN PARTIE D'UN BOÎTIER ÉLECTROCONDUCTEUR, EN PARTICULIER SUR UN ENSEMBLE POULIE DE RENVOI

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Application

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Abstract (en)

[origin: WO2017162749A1] The invention relates to an elevator installation (1), wherein damage to a supporting means (7), in particular damage to a sheath of the supporting means, advantageously can be detected. At the elevator installation, a housing (17) at least partially extending around the supporting means (7) is provided, for example at a deflecting roller arrangement (25). A surface (47) of the housing (17) facing the supporting means (7) is electrically conductive and is electrically grounded. If the supporting means (7) or a wire coming out of a damaged supporting means comes in contact with the housing (17), an electrical ground fault results. Said ground fault can be detected by means of a security monitoring unit (19) by monitoring a current flowing through wires of the supporting means, and the damage to the supporting means (7) can thus be inferred

IPC 8 full level

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