

Title (en)

CONNECTION ELEMENT FOR ELECTRICALLY CONTACTING TENSION MEMBERS IN A LOAD-BEARING BELT FOR AN ELEVATOR SYSTEM, AND METHOD FOR ASSEMBLING THE CONNECTION ELEMENT ON THE BELT

Title (de)

ANSCHLUSSELEMENT ZUM ELEKTRISCHEN KONTAKTIEREN VON ZUGTRÄGERN IN EINEM LASTTRAGFÄHIGEN RIEMEN FÜR EINE AUFZUGANLAGE SOWIE VERFAHREN ZUM MONTIEREN DES ANSCHLUSSELEMENTS AN DEM RIEMEN

Title (fr)

ÉLÉMENT DE RACCORDEMENT DESTINÉ À LA MISE EN CONTACT ÉLECTRIQUE DE TIRANTS DANS UNE COURROIE APTE À PORTER UNE CHARGE DESTINÉE À UNE INSTALLATION D'ASCENSEUR, AINSI QUE PROCÉDÉ DE MONTAGE D'UN ÉLÉMENT DE RACCORDEMENT SUR LA COURROIE

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Abstract (en)

[origin: WO2019105910A1] The invention relates to a connection element (3) for electrically contacting tension members (17), which are embedded into a matrix material (19) of a load-bearing belt (5) for an elevator system. The connection element (3) has a frame (7) with an upper part (9), a lower part (11), and multiple electrically conductive contact elements (39). The shape of the frame (7) is designed to receive the belt (5) in an interior (10) delimited by the frame (7) at at least two opposite sides. The contact elements (39) are formed as stamped and bent metal parts, and some regions of the contact elements (39) are arranged in the upper part (9) of the frame (7) with some regions protruding from the upper part (9) of the frame (7) into the interior (10), for example in the form of piercing tips (37), in order to contact tension members (17) embedded in the belt (5) received in the interior.

IPC 8 full level

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