

Title (en)

METHOD FOR ELECTRICAL ATTACHMENT OF A CONNECTING ELEMENT TO A BELT FOR A LIFT SYSTEM AND CORRESPONDING BELT ASSEMBLY

Title (de)

VERFAHREN ZUM ELEKTRISCHEN ANBINDEN EINES ANSCHLUSSELEMENTS AN EINEN RIEMEN FÜR EINE AUFZUGANLAGE SOWIE ENTSPRECHENDE RIEMENANORDNUNG

Title (fr)

PROCÉDÉ DE CONNEXION ÉLECTRIQUE D'UN ÉLÉMENT DE RACCORDEMENT À UNE COURROIE DESTINÉ À UNE INSTALLATION D'ASCENSEUR AINSI QU'AGENCEMENT DE COURROIE CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2019052909A1] The invention relates to a method for establishing an electric connection between a connecting element (5) and a load-bearing belt (3) for a lift system, to a connecting element (5) that can be used in such method, and to a belt assembly (1) that can be formed by means of such method. The connecting element (5) has a plurality of electrically conductive contact pins (7), which are arranged at a distance from one another in an assembly direction (11) and of which at least one contact pin (7) is connected electrically to an electric conductor (15) leading out of the connecting element (5). The belt (3) has a plurality of electrically conductive traction supports (19), which are embedded in an electrically insulating matrix material (17) and which are arranged at a distance from one another in the assembly direction (11). In the method, firstly spacing pins (9) are pressed into the belt (3) between adjacent traction supports (19), in order to adjust the spacing pins into their intended position, and then the contact pins (7) of the connecting element (5) are pressed into the traction supports (19) in the belt (3). The spacing pins (9) can be a constituent part of the connecting element (5) or provided on a press-in tool to be used separately.

IPC 8 full level

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CPC (source: EP US)

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