

Title (en)

CONNECTION DEVICE AND METHOD FOR INSTALLING SUCH A CONNECTION DEVICE

Title (de)

ANSCHLUSSVORRICHTUNG UND VERFAHREN ZUM MONTIEREN EINER SOLCHEN ANSCHLUSSVORRICHTUNG

Title (fr)

DISPOSITIF DE RACCORDEMENT ET PROCÉDÉ D'INSTALLATION D'UN TEL DISPOSITIF DE RACCORDEMENT

Publication

**EP 4331055 A1 20240306 (DE)**

Application

**EP 22719300 A 20220407**

Priority

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- EP 2022059300 W 20220407

Abstract (en)

[origin: WO2022228854A1] The invention relates to a connection device comprising at least one direct-plug-in clamping connection which has a direct-plug-in design for plugging in an electric conductor and which has a clamping spring and a busbar and/or a clamping cage. The clamping spring is designed to clamp an electric conductor, which is plugged into the direct-plug-in clamping connection, so as to contact the busbar and/or the clamping cage in an electrically conductive manner, wherein the direct-plug-in clamping connection additionally has an actuation means which can be moved from a base position into an actuation position and back, and the actuation means adjusts the clamping spring so as to release the electric conductor in the actuation position. The actuation means has at least two actuation regions which are provided for placing an actuation tool and are arranged at an angle which is greater than 0° relative to each other. When the actuation means is adjusted from the base position into the actuation position and back into the base position from the actuation position, the actuation means is moved about an imaginary rotational point which changes positions. The invention additionally relates to a series connection assembly comprising at least two such connection devices designed in the form of series connection devices. The invention also relates to a method for installing such a connection device.

IPC 8 full level

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