

Title (en)

CHARGING POINT, ARRANGEMENT COMPRISING MULTIPLE SUCH CHARGING POINTS, AND METHOD FOR OPERATING SUCH A CHARGING POINT

Title (de)

LADESÄULE, ANORDNUNG MIT MEHREREN SOLCHER LADESÄULEN SOWIE VERFAHREN ZUM BETREIBEN EINER SOLCHEN LADESÄULE

Title (fr)

COLONNE DE CHARGE, ENSEMBLE COMPORTANT PLUSIEURS COLONNES DE CHARGE ET PROCÉDÉ DE FONCTIONNEMENT DE CETTE COLONNE DE CHARGE

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Application

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Abstract (en)

[origin: WO2019042866A1] The invention relates to a charging point (1) comprising a power electronics converter module (2) for converting electrical energy, a controller (3) for controlling the converter module (2), a direct voltage bus (4), a distribution module (7), one or more direct voltage connection lines (5) and one or more alternating voltage connection lines (6). The converter module (2) is electrically interconnected between the direct voltage bus (4) and the distribution module (7). The distribution module (7) is designed to connect or disconnect the individual connection lines of the one or more direct voltage connection lines (5), or of the one or more alternating voltage connection lines (6) to the converter module (2) or from the converter module (2). The converter module (2) can be controlled by the controller (3) such that the converter module (2) can work as a DC-to-DC converter, or alternatively as a rectifier or inverter.

IPC 8 full level

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