Title (en)

CHARGING STATION FOR CHARGING ELECTRIC VEHICLES WITH DISTRIBUTED ENERGY METERING AND METHOD

Title (de)

LADESTATION ZUM LADEN VON ELEKTROFAHRZEUGEN MIT VERTEILTER ENERGIEMESSUNG SOWIE VERFAHREN

Title (fr)

STATION DE CHARGE DESTINÉE À CHARGER DES VÉHICULES ÉLECTRIQUES AVEC MESURE D'ÉNERGIE DISTRIBUÉE AINSI QUE PROCÉDÉ

Publication

EP 3732073 A1 20201104 (DE)

Application

EP 19704254 A 20190201

Priority

- DE 102018202259 A 20180214
- EP 2019052481 W 20190201

Abstract (en)

[origin: WO2019158375A1] The present invention relates to a charging station (1) for charging electric vehicles, comprising: at least two charging points (2a, 2b), which are each connectable to an electric vehicle for charging an electric energy store of the electric vehicle; at least two rectifer branches (3a, 3b, 3c) for providing electrical energy, the rectifier branches (3a, 3b, 3c) being electrically connectable to the charging points (2a, 2b) and the electrical connection being switchable between at least one of the rectifier branches (3a, 3b, 3c) and the charging points (2a, 2b); and at least one energy meter (5) for providing meter values which describe the electrical energy provided by the rectifier branches (3a, 3b, 3c), the charging station (1) having at least one meter value acquisition computer (8), which is designed to determine, for each of the charging points (2a, 2b), the amount of the electrical energy provided by the rectifier branches (3a, 3b, 3c) which are electrically connected to the charging point (2a, 2b) on the basis of the meter values of the at least one energy meter (5).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019158375A1

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DOCDB simple family (application)

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