

Title (en)

CHARGING STATION FOR CHARGING AN ENERGY STORE OF AN ELECTRIC VEHICLE AND METHOD

Title (de)

LADESTATION ZUM LADEN EINES ENERGIESPEICHERS EINES ELEKTROFAHRZEUGES UND VERFAHREN

Title (fr)

STATION DE CHARGE POUR CHARGER UN ACCUMULATEUR D'ÉNERGIE D'UN VÉHICULE ÉLECTRIQUE ET PROCÉDÉ

Publication

**EP 4192705 A1 20230614 (DE)**

Application

**EP 21844677 A 20211222**

Priority

- DE 102020134769 A 20201222
- EP 2021087240 W 20211222

Abstract (en)

[origin: WO2022136523A1] Proposed is a charging station (1) for charging and/or discharging an energy store (110) of an electric vehicle (100) with electrical energy by means of an energy source (200) which can be coupled to the charging station (1) in a charging process. The charging station comprises a housing (2) having an interior space (3) in which a plurality of electric and/or electronic components (4, 5, 6, 7) and an electronic control device (10) coupled to the components (4, 5, 6, 7) for controlling the components (4, 5, 6, 7) are arranged, wherein the electronic control device (10) has an energy meter (20), more particularly a energy meter (20) which complies with weight and measurement regulations, which is designed to measure the amount of electrical energy transferred between the electrical energy source (200) and the charging station (1) and/or the amount of electrical energy transferred between the charging station (1) and the energy store (110).

IPC 8 full level

**B60L 53/14** (2019.01); **B60L 53/30** (2019.01); **B60L 53/68** (2019.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2022136523A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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