Title (en)

CHARGING STATION FOR CHARGING ELECTRIC VEHICLES

Title (de)

LADESTATION ZUM LADEN VON ELEKTROFAHRZEUGEN

Title (fr)

STATION DE CHARGE POUR CHARGER DES VÉHICULES ÉLECTRIQUES

Publication

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Application

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Abstract (en)

[origin: WO2020178341A1] The invention relates to a charging station (1) for charging electric vehicles (24), comprising a plurality of AC charging terminals (6), each for charging an electric vehicle (24) by means of alternating current, wherein each of the AC charging terminals (6) is connected to a three-phase current supply (12) via a phase-change device (18) in order to be supplied thereby with three-phase electrical current, wherein the current supply (12) has three supply lines (21, 22, 23) for providing three voltage phases, and each AC charging terminal (6) has three connection lines (31, 32, 33) for connecting to the three supply lines (21, 22, 23) for applying the three voltage phases to the connection lines (31, 32, 33), wherein each phase-change device (18) is configured to change a connection allocation between the three supply lines (21, 22, 23) and the three connection lines (31, 32, 33).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020178341A1

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