

Title (en)
CHARGING DEVICE AND METHOD FOR CHARGING AN ELECTRICAL STORED ENERGY SOURCE OF AN ELECTRICALLY OPERABLE VEHICLE

Title (de)
LADEVORRICHTUNG UND VERFAHREN ZUM LADEN EINES ELEKTRISCHEN ENERGIESPEICHERS EINES ELEKTRISCH BETREIBBAREN FAHRZEUGS

Title (fr)
DISPOSITIF ET PROCÉDÉ DE CHARGE POUR CHARGER UNE SOURCE D'ÉNERGIE STOCKÉE ÉLECTRIQUE D'UN VÉHICULE ÉLECTRIQUE

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Abstract (en)
[origin: WO2022136456A1] The invention relates to a charging device (100) for charging an electrical stored energy source (60) of an electrically operable vehicle (200), said charging device comprising: a charging connection (50) for electrically connecting the charging device (100) to an external voltage supply; a charging unit (10) for converting a first DC voltage applied to the charging connection (50) into a second DC voltage which is provided for charging the electrical stored energy source (60); and a power distributor unit (30) having a first and a second output (36, 38) for providing the first DC voltage applied to the charging connection (50) and/or the second DC voltage converted by the charging unit (10) to the electrical stored energy source (60) connected to the outputs (36, 38). The power distributor unit (30) has: a first electrical connection (52) for the charging connection (50); and a second electrical connection (56) for the charging unit (10). The invention also relates to a method for charging an electrical stored energy source (60) of an electrically operable vehicle (200) using such a charging device (100).

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