Title (en)

MANAGEMENT UNIT AND METHOD FOR MANAGING A PLURALITY OF MEASUREMENT UNITS INVOLVED IN A CHARGING PROCESS

Title (de)

VERWALTUNGSEINHEIT UND VERFAHREN ZUR VERWALTUNG EINER MEHRZAHL VON AN EINEM LADEVORGANG BETEILIGTEN MESSEINHEITEN

Title (fr)

UNITÉ DE GESTION ET PROCÉDÉ DE GESTION D'UNE MULTITUDE D'UNITÉS DE MESURE IMPLIQUÉES DANS UNE OPÉRATION DE CHARGE

Publication

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Application

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Abstract (en)

[origin: WO2021013556A1] The invention relates to a management unit for managing a plurality of measurement units involved in a charging process, wherein a plurality of distinguishable process identifiers is generated from a piece of authentication data of a user. A process identifier is transferred to a measurement unit involved in a charging process and integrated in a measurement data set from then on. Such a charging process also comprises in particular different phases of a charging process, wherein current branches joining or exiting, such as converter branches, for example, are involved in each phase, which for their part comprise measurement units joining or exiting the charging process. Providing distinguishable process identifiers on the basis of authentication data advantageously ensures a unique allocation between a charging process and a user and a unique allocation of a plurality of measurement data sets generated by different measurement units to a charging process of the user, even if these change, join or exit during the charging process due to a charging power controlled in variable switching steps of the current branch.

IPC 8 full level

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