

Title (en)

MODULAR MEASURING UNIT AND AUTHENTICATION APPARATUS FOR DETECTING ENERGY OUTPUT

Title (de)

MODULAR AUFGEBAUTE MESSEINHEIT UND AUTHENTIFIZIERUNGSEINRICHTUNG ZUR ERFASSUNG ABGEGEBENER ENERGIE

Title (fr)

UNITÉ DE MESURE À STRUCTURE MODULAIRE ET DISPOSITIF D'AUTHENTIFICATION POUR DÉTECTER L'ÉNERGIE DÉLIVRÉE

Publication

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Application

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Priority

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- EP 2020059186 W 20200401

Abstract (en)

[origin: WO2020244829A1] The invention relates to a modular measuring unit comprising a measuring module and an access module. The measuring module and the access module are connected via an interface internal to the measuring unit. Said defined interface guarantees modular isolation of the measuring module for the determination of a measured data item from the access module for generating a measuring data set with assignment of an identification data item. Because of this modular isolation, technical changes or developments in the access module do not necessarily lead to a loss of an approval under calibration legislation of the measuring module, as its core function significant under calibration legislation remains untouched. According to the invention, the modular measuring unit interacts with an authentication apparatus, which is preferably provided as a remote instance apart from a charging station; any technical effort for the development and operation of the central control of the charging station can be further reduced in this way.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020244829A1

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