

Title (en)
METHOD FOR DETERMINING A CAPACITY LOSS OF A BATTERY STORAGE DEVICE, DEVICE AND COMPUTER PROGRAM PRODUCT

Title (de)
VERFAHREN ZUM BESTIMMEN EINES KAPAZITÄTSVERLUSTS EINES BATTERIESPEICHERS, VORRICHTUNG UND COMPUTERPROGRAMMPRODUKT

Title (fr)
PROCÉDÉ D'ÉDUCATION D'UNE PERTE DE CAPACITÉ D'UN DISPOSITIF DE STOCKAGE DANS DES BATTERIES, DISPOSITIF ET PRODUIT PROGRAMME D'ORDINATEUR

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Abstract (en)
[origin: WO2022199933A1] The invention relates to a method, a device and a computer program product for determining the average capacity loss of a battery storage device. First, the determination of a capacity loss over at least two loading cycles is carried out. A loading cycle comprises the discharging, the charging and again the discharging of a battery storage device between a lower and an upper voltage. According to the invention, the voltage is determined by means of a high-precision coulometry device. A first charge displacement and a second charge displacement are determined based on the measurements. A capacity loss is determined based on the charge displacements. These steps are carried out until the capacity loss in at least two loading cycles is essentially constant. An average capacity loss is determined based on at least two capacity losses.

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