

Title (en)
ENERGY STORE WITH CONTROLLER FOR REFUELLING STATION

Title (de)
ENERGIESPEICHER MIT STEUERUNG FÜR STROMTANKSTELLE

Title (fr)
ACCUMULATEUR D'ÉNERGIE AVEC COMMANDE POUR STATION DE CHARGE

Publication
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Application
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Abstract (en)
[origin: WO2019207068A1] The invention relates to an energy store (1) for refuelling stations (10) comprising an energy storage unit (11) and a control module (12) which is connected thereto and has at least a plurality of input current connections (13) for receiving (E) electrical energy and a plurality of output current connections (14) for outputting (A) electrical energy, wherein the control module (12) comprises a plurality of correspondingly actuated voltage converters to permit the reception, outputting or passing on (E, A, W) of the electrical energy between the input and output current connections (13, 14) simultaneously with a different voltage and power, for which purpose the control module (12) monitors the electrical energy arriving at the input current connections (13) and the electrical energy which is requested at the output current connections (14) and adapts them suitably to the respective demand by means of the voltage converter. The invention also relates to a refuelling station (10) with such an energy store (1) and to a method (100) for operating this refuelling station (10).

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