

Title (en)
DEVICE AND METHOD FOR CHARGING AN ENERGY STORE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM LADEN EINES ENERGIESPEICHERS

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR CHARGER UN ACCUMULATEUR D'ÉNERGIE

Publication
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Application
EP 07728367 A 20070420

Priority

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Abstract (en)
[origin: WO2007147660A1] The energy required for equilibrating the charges with at least two cells (Z) in series in an energy store (DLC) is introduced by means of a first charging path (2, 4, C_K) via an alternating voltage bus (4) to that cell (Z_X) with the lowest cell voltage (U_{ZX}). The alternating voltage bus (4) is supplied with power from an energy store (B, DLC) by means of a DC converter (1) and an AC converter (2). According to the invention, a second charging path (D_L) is provided, which can alternatively connect the DC converter (1) connector which is connected to the AC converter (2), to a series circuit of several cells (Z), in particular, all cells (Z) of the energy store (DLC).

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