

Title (en)

METHOD AND APPARATUS FOR CONNECTING COMPONENTS OF A BATTERY

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERBINDEN VON KOMPONENTEN EINER BATTERIE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR RELIER DES COMPOSANTS DE BATTERIE

Publication

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Application

EP 20799658 A 20201027

Priority

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Abstract (en)

[origin: WO2021083852A1] The present invention relates to a method for connecting components of a battery (102), wherein, as the first component (104), a bulkhead plate (106) of a frame (104) of the battery (102) is placed onto a magnetorheological pad (116) and plastically moulded by the pad (116) and a magnetic field (302) is generated in the region of the pad (116) in order to harden the pad (116), wherein, as the second component (400), at least one cell module (400) of the battery (102) is pressed into a thermally conductive paste (110) which was previously applied to a surface of at least one of the components (104, 400), while the bulkhead plate (106) is supported over its entire surface area by the hardened pad (116), wherein the thermally conductive paste (110) is distributed laterally between the cell module (400) and the bulkhead plate (106).

IPC 8 full level

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Citation (search report)

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