

Title (en)

BATTERY MODULE, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF

Title (de)

BATTERIEMODUL, VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN UND VERWENDUNG EINES SOLCHEN

Title (fr)

MODULE DE BATTERIE, PROCÉDÉ DE PRODUCTION ET D'UTILISATION ASSOCIÉS

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Application

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Abstract (en)

[origin: WO2021254848A1] The invention relates to a battery module comprising a plurality of cylindrical battery cells (2), in particular lithium-ion battery cells (20), and a first housing element (31) with a plurality of cylindrical first receiving means (41) in which a first plurality (21) of electrically series- and/or parallel-connected battery cells (2) are accommodated, and a second housing element (32) with a plurality of cylindrical second receiving means (42) in which a second plurality (22) of electrically series- and/or parallel connected battery cells (2) are accommodated, wherein the first housing element (31) has a first main body (51) on which the first receiving means (41) are arranged, and the second housing element (32) has a second main body (52) on which the second receiving means (42) are arranged, wherein the first main body (51) and the second main body (52) are connected to one another, forming a receiving space (6) in which cell connectors (7) are accommodated to form an electrical series and/or parallel connection between the first plurality (21) of battery cells (2) and the second plurality (22) of battery cells (2), wherein the first main body (31) and/or the second main body (32) also form a third receiving means (43) outside the receiving space (6), in which a control unit (10) of the battery module (1) is accommodated.

IPC 8 full level

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