

Title (en)

METHOD FOR PRODUCING A CELL-CONTACTING SYSTEM, ELECTRICAL ENERGY STORE AND MOTOR VEHICLE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES ZELLKONTAKTIERSYSTEMS, ELEKTRISCHER ENERGIESPEICHER SOWIE KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE PRODUCTION DE SYSTÈME DE MISE EN CONTACT DE CELLULES, ACCUMULATEUR D'ÉNERGIE ÉLECTRIQUE ET VÉHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2022199981A1] The invention relates to a method for producing a cell-contacting system (6) for a cell assembly of energy storage cells (36) of an electrical energy store (EES), having the following steps: - creating a first part of a conductive pattern (3) for connecting the energy storage cells (36) by structuring of a conductive material (1), wherein this structuring involves cutting out holes (2) from the conductive material (1); - integrating the structured conductive material (1) into an electrically insulating substrate (14) by joining through primary forming of an insulating material (4), wherein the insulating material (4) is arranged at least locally at the holes (2) for the purpose of mechanically connecting conductive tracks of the conductive pattern (3), and wherein the insulating material (4) has formed in it access openings for exposing conductive track portions serving as cell contacts (10, 11), and for creating at least one second part of the conductive pattern (3); and - creating the at least one second part of the conductive pattern (3) by further structuring of the conductive material (1), which involves cutting out further holes (2) from the conductive material (1) via the access openings (2) in the insulating material (4). The invention also relates to an electrical energy store (EES) and to a motor vehicle.

IPC 8 full level

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