

Title (en)

CELL CONNECTOR FOR ELECTRIC-CONDUCTIVELY CONNECTING ROUND CELLS OF A BATTERY FOR A MOTOR VEHICLE, AND METHOD FOR PRODUCING A BATTERY FOR A MOTOR VEHICLE

Title (de)

ZELLVERBINDER ZUM ELEKTRISCH LEITENDEN VERBINDEN VON RUNDZELLEN EINER BATTERIE FÜR EIN KRAFTFAHRZEUG UND VERFAHREN ZUM HERSTELLEN EINER BATTERIE FÜR EIN KRAFTFAHRZEUG

Title (fr)

CONNECTEUR DE CELLULES SERVANT À RELIER DE MANIÈRE ÉLECTROCONDUCTRICE DES CELLULES RONDES D'UNE BATTERIE POUR UN VÉHICULE AUTOMOBILE, ET PROCÉDÉ DE FABRICATION D'UNE BATTERIE POUR UN VÉHICULE AUTOMOBILE

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Application

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Priority

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Abstract (en)

[origin: WO2020094218A1] The invention relates to a cell connector (16) for electric-conductively connecting round cells (16) of a battery (10) for a motor vehicle, comprising a plurality of electric-conductive contact elements (24) for connecting two each of the round cells (16) in series connection on the face side. The contact elements (24) are each provided with a floor-side contact surface (44) for producing an integral connection to a respective cell cap (22) of the round cells (16), and spring arms (26) for producing a force-fit connection to a respective cell cup (20) of the round cells (16); a plurality of electric-conductive connection webs (28), which connect the contact elements (24) arranged in groups with one another, wherein the contact elements (24) and the connection webs (28) are produced from a common punch-bent part (48). The invention further relates to a method for producing a battery (10) for a motor vehicle.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020094218A1

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