

Title (en)
BODY STRUCTURE FOR AN ELECTRICALLY OPERATED VEHICLE

Title (de)
KAROSSERIESTRUKTUR FÜR EIN ELEKTRISCH BETRIEBENES FAHRZEUG

Title (fr)
STRUCTURE DE CARROSSERIE POUR VÉHICULE À PROPULSION ÉLECTRIQUE

Publication
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Application
EP 19806109 A 20191111

Priority

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Abstract (en)
[origin: WO2020114713A1] The invention relates to a body structure for an electrically operated vehicle, comprising an installation space (12) for a traction battery (9), which installation space is open toward the bottom of the vehicle in the vehicle vertical direction (z) and is delimited toward the top of the vehicle by a floor sheet-metal part (10) forming the vehicle floor, the traction battery (9) being inserted into the installation space (12) from the bottom of the vehicle, specifically in such a way that a free installation gap (27) is formed between a battery ceiling wall (15) and the floor sheet-metal part (10) and wherein at least one spacer (29) is supported between the battery ceiling wall (15) and the floor sheet-metal part (10). According to the invention, the spacer (29) is formed in two parts from a buffer (39) made from an elastic, flexible, soft component and from a base (41) made of a component-stiff hard component. In an undeformed production state, the installation height (h) of the spacer (29) is greater than the gap size of the installation gap (27), and therefore, in an installation position, the spacer (29) is supported between the floor sheet-metal part (10) and the battery ceiling wall (15), elastically deforming the buffer (39).

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