

Title (en)

CARRIER ELEMENT AND ENERGY ABSORPTION ELEMENT OF HYBRID CONSTRUCTION FOR A MOTOR VEHICLE

Title (de)

TRÄGERELEMENT UND ENERGIEABSORPTIONSELEMENT IN HYBRIDBAUWEISE FÜR EINEN KRAFTWAGEN

Title (fr)

ÉLÉMENT DE SUPPORT ET ÉLÉMENT D'ABSORPTION D'ÉNERGIE À CONSTRUCTION HYBRIDE POUR UN VÉHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2014000831A1] The invention relates to a carrier element of hybrid construction for a motor vehicle, comprising at least one metal element (12) which is connected to a plastic element (14), the metal element (12') and the plastic element (14) being disposed in mutual abutment in a predominantly surface region (16, 18, 20) of the carrier element and being arranged at a distance from each other in at least one surface region (22, 24) of the carrier element so as to form a hollow chamber (26, 28). The invention further relates to an energy absorption element (66) of hybrid construction for a motor vehicle, comprising at least one metal element (68, 68') which is connected to a plastic element (14, 14'), the metal element (68, 68') and the plastic element (14, 14') being disposed in mutual abutment in a surface region (16, 18, 20, 46, 48, 50, 52, 53) of the energy absorption element (66) and being arranged at a distance from each other in at least one surface region (22, 24, 56, 59) of the energy absorption element (66) so as to form a hollow chamber (26, 28, 58, 60).

IPC 8 full level

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