

Title (en)

COMPONENT PROVIDED WITH A RIGID FOAM BODY AND AN ELECTRIC AND OR ELECTRONIC FUNCTIONAL ELEMENT

Title (de)

BAUTEIL MIT HARTSCHAUMKÖRPER UND ELEKTRISCHEM UND/ODER ELEKTRONISCHEM FUNKTIONSELEMENT

Title (fr)

COMPOSANT COMPRENANT UN CORPS EN MOUSSE RIGIDE ET UN ELEMENT FONCTIONNEL ELECTRIQUE ET/OU ELECTRONIQUE

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Application

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Abstract (en)

[origin: WO2006015588A1] The invention relates to a component (07, 25, 33), in particular for a vehicle (01), wherein said component (07, 25, 33) is made of a foamed polymer forming a rigid foam body (11, 26, 36, 45, 52, 60, 66) and comprises at least one electric and/or electronic functional element (10, 15, 16, 17, 18, 19, 20, 21, 35). A flat conductor set (08, 27, 34, 44, 51, 57, 67, 71) is used for establishing an electrical connection for the functional element (10, 15, 16, 17, 18, 19, 20, 21, 35) and is characterised in that at least two conductor tracks (13) are jointly fixed to a substantially flat insulation element (12, 30, 37), wherein said flat conductor set (08, 27, 34, 44, 51, 57, 67, 71) is incorporated at least partially into the rigid foam body (11, 26, 36, 45, 52, 60, 66).

IPC 8 full level

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