

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

Publication

EP 1776256 A1 20070425 (DE)

Application

EP 05776312 A 20050812

Priority

- DE 2005001421 W 20050812
- DE 202004020378 U 20040813
- DE 102005003132 A 20050121

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

B60R 13/02 (2006.01); **B60R 16/02** (2006.01)

CPC (source: EP US)

B60Q 3/233 (2017.01 - EP US); **B60Q 3/54** (2017.01 - EP US); **B60Q 3/64** (2017.01 - EP US); **B60Q 3/745** (2017.01 - EP US); **B60R 11/02** (2013.01 - EP US); **B60R 13/02** (2013.01 - EP US); **H05K 3/0058** (2013.01 - EP US); **H05K 1/0393** (2013.01 - EP US); **H05K 2201/0116** (2013.01 - EP US); **H05K 2203/1327** (2013.01 - EP US)

Citation (search report)

See references of WO 2006015588A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006015588 A1 20060216; DE 102005003132 A1 20060302; DE 102005003132 B4 20100408; DE 102005003132 B8 20100722; EP 1776256 A1 20070425; US 2008093890 A1 20080424

DOCDB simple family (application)

DE 2005001421 W 20050812; DE 102005003132 A 20050121; EP 05776312 A 20050812; US 57359905 A 20050812