

Title (en)

VEHICLE PANEL WITH INTEGRALLY FORMED CONNECTOR

Title (de)

FAHRZEUGPANEEL MIT ANGEFORMTEM ANSCHLUSS

Title (fr)

PANNEAU DE VÉHICULE AVEC CONNECTEUR FORMÉ INTÉGRALEMENT

Publication

EP 3180522 A1 20170621 (EN)

Application

EP 15748255 A 20150812

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- EP 2015068519 W 20150812

Abstract (en)

[origin: GB2529218A] The invention provides a vehicle panel 14 including one or more integrally formed connectors 10 where each connector comprises a tubular wall upstanding 12 from a surface of the vehicle panel, the tubular wall defining a bore extending along a longitudinal axis 100 of the connector, restraining means 16 projecting radially outwardly from the tubular wall, and a screw thread 18a on a radially inwardly facing surface in the bore. Each connector is configured to be received in a socket 50 and the restraining means are configured to axially restrain the connector in the socket so as to affix the vehicle panel to the socket. The socket may be provided with deformable engagement means 56, which deform so as to allow the restraining means of the connector to be inserted into a bore of the socket. A threaded bolt (62 figure 4) may pass through the connector, and the socket may be captively retained in a slot (58a figure 5) of a panel so as to allow the socket to move along the plane of the panel. The connector and socket may be used for securing trim components, panels and other accessories to the vehicle.

IPC 8 full level

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