

Title (en)

COVER FOR A UNIT IN THE ENGINE COMPARTMENT OF A MOTOR VEHICLE

Title (de)

ABDECKUNG FÜR EIN AGGREGAT IM MOTORRAUM EINES KRAFTFAHRZEUGES

Title (fr)

ELEMENT DE RECOUVREMENT POUR GROUPE MONTE DANS LE COMPARTIMENT MOTEUR D'UN VEHICULE AUTOMOBILE

Publication

EP 1613849 A1 20060111 (DE)

Application

EP 04722161 A 20040320

Priority

- EP 2004002957 W 20040320
- DE 10317305 A 20030414

Abstract (en)

[origin: WO2004090307A1] The invention relates to a cover (1) for a unit in the engine compartment of a motor vehicle, which is configured from a support (2) and a molded part (3) from noise-absorbing material that is linked therewith so as to form a single piece. The aim of the invention is to provide a cover for a unit in the engine compartment of a motor vehicle, especially an engine-compartment cover that has improved acoustic efficiency and that is easy to install. For this purpose, the molded part (3), on its side facing away from the support (2), has a collar (4) associated with the unit to be covered. Plug-in coupling elements (6) are provided for the installation of the cover (1) and are linked with the sound-absorbing material of the molded part (3) in a form-fit at a distance to the support (2). The molded part is preferably formed by injecting foam in the back of the support (2). The plug-in coupling elements (6) can be embedded in the foam material of the molded part (3).

IPC 1-7

F02B 77/13

IPC 8 full level

F02B 77/13 (2006.01)

CPC (source: EP US)

F02B 77/13 (2013.01 - EP US); **Y10T 428/24496** (2015.01 - EP US)

Citation (search report)

See references of WO 2004090307A1

Cited by

DE102010031149A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004090307 A1 20041021; CN 1759232 A 20060412; DE 10317305 A1 20041125; DE 10317305 B4 20060413; EP 1613849 A1 20060111; JP 2006522890 A 20061005; MX PA05009087 A 20051019; US 2006073310 A1 20060406

DOCDB simple family (application)

EP 2004002957 W 20040320; CN 200480006429 A 20040320; DE 10317305 A 20030414; EP 04722161 A 20040320; JP 2006504779 A 20040320; MX PA05009087 A 20040320; US 54909405 A 20050913