

Title (en)

METHOD FOR PRODUCING AN ACOUSTIC PROTECTION PANEL INTENDED TO BE FITTED FACING A NOISY AND HOT SOURCE OF A VEHICLE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER SCHALLSCHUTZPLATTE ZUR MONTAGE GEGENÜBER EINER RAUSCH- UND WÄRMEQUELLE EINES FAHRZEUGS

Title (fr)

PROCÉDÉ DE RÉALISATION D'UN PANNEAU DE PROTECTION ACOUSTIQUE DESTINÉ À ÊTRE MONTÉ EN REGARD D'UNE SOURCE SONORE ET CHAUDE DE VÉHICULE

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Application

EP 16729023 A 20160512

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Abstract (en)

[origin: WO2016181084A1] The invention relates to a method involving the following steps: using thermocompression to create, in a first mould (20), a screen (4) comprising two parts (7a, 7b) arranged relative to one another in a first configuration that allows them to be released from the mould, said parts each comprising a fibrous and porous thermal insulation layer (5) and a heat-reflecting metal sheet (6); placing said parts side by side in juxtaposition in a second mould the moulding cavity of which corresponds to the geometry of said panel that is to be obtained, so that said parts can, by being pressed firmly against the wall of said cavity, adopt a second configuration corresponding to said geometry, said fibrous layer facing toward the inside of said cavity; injecting into said cavity a mixture that is a precursor of foam, so as to form a core (2) overmoulding said fibrous layer; then, after the foam has expanded, releasing said panel obtained from the mould.

IPC 8 full level

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CPC (source: EP US)

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