

Title (en)

METHOD OF MANUFACTURING AN ABSORPTION MUFFLER FOR MOTOR VEHICLES AND ABSORPTION MUFFLER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ABSORPTIONS-SCHALLDÄMPFERS FÜR KRAFTFAHRZEUGE SOWIE ABSORPTIONS-SCHALLDÄMPFER

Title (fr)

PROCEDE DE FABRICATION D'UN SILENCIEUX A ABSORPTION POUR VEHICULES MOTORISES ET SILENCIEUX A ABSORPTION

Publication

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Application

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- EP 0111108 W 20010926

Abstract (en)

[origin: WO0227159A2] The invention relates to a method for producing an absorption muffler for motor vehicles that is provided with a semimonocoque design or in the form of a casing. Said muffler comprises a housing (1) and an inner muffler body (2), which is arranged inside the housing and which is provided in the form of pipes (3), pipe unions (4), partitions (5), etc., whereby at least one cavity of the absorption muffler is filled with sound damping material (6) provided in the form of glass wool or the like. According to the invention, the muffler body (2) is completely prefabricated without the housing (1) and is assembled in a dimensionally stable manner. In addition, the muffler body (2) assembled in a dimensionally stable manner is, while at least leaving the openings of the pipe unions (4) open, wrapped or fitted with a flexible housing auxiliary wall, especially with a foil (7), serving as a stand-by housing. Afterwards, a filling lance (8) or filling tube is used to introduce unpacked sound damping material (6) serving as a cavity filling inside the cavity via an opening located in the flexible auxiliary wall. The filling ensues before the prefabricated housing (1) or at least a final part of the prefabricated housing is placed around the muffler body (2) that contains the cavity filling.

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IPC 8 full level

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