

Title (en)

SOUNDPROOFING ASSEMBLY AND A PART COMPRISING A WALL WHICH IS COVERED WITH SAID ASSEMBLY

Title (de)

SCHALLDÄMPFUNGSBAUGRUPPE UND TEIL MIT EINER WAND, DIE MIT DER BAUGRUPPE BEDECKT IST

Title (fr)

ENSEMBLE D INSONORISATION ET PIECE COMPRENANT UNE PAROI RECOUVERTE PAR LEDIT ENSEMBLE

Publication

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Application

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Abstract (en)

[origin: WO03069596A1] The invention relates to a soundproofing assmebly which is intended, in particular, to soundproof a motor vehicle. The inventive assembly comprises four stacked layers, consisting respectively of: a first layer having an air resistance of between 500 and 2,000 N.m-3.s; a second porous, acoustic spring-type layer having a resistivity of between 10, 000 N.m-4.s and 50,000 N.m-4.s; a third viscoelastic, airtight, heavy mass-type layer having a density that is greater than or equal to 1,500 Kg/m3 and a surface density of between 0.2 Kg/m2 and 9 Kg/m2; and a fourth porous, acoustic spring-type layer having a resistivity of between 10,000 N.m-4.s and 50,000 N.m-4.s.

IPC 8 full level

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