

Title (en)

SOUNDPROOFING ASSEMBLY, USE FOR SOUNDPROOFING ENCLOSURES, AND METHOD FOR MAKING SAME

Title (de)

LÄRMSCHUTZBAUGRUPPE, VERWENDUNG FÜR DEN LÄRMSCHUTZ VON GEHÄUSEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

ENSEMBLE D'INSONORISATION, APPLICATION A L'INSONORISATION D' ESPACES CLOS , ET PROCEDE DE FABRICATION

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Application

EP 06778823 A 20060707

Priority

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Abstract (en)

[origin: WO2007006950A1] The invention concerns a soundproofing assembly comprising stacked layers in the form of a first set of layers (36) having good resistance to the passage of air, and a second set of layers (24) with mass-spring function including a layer (28) having a heavy viscoelastic mass and a spring type layer (26); the first set of layers includes a layer (36) of a foam with open cells of high porosity, high tortuosity and good resistance to the passage of air, said layer (36) having, owing to its high tortuosity, excellent sonic absorption properties at medium and high frequencies. The invention is useful for soundproofing motor car passenger compartments.

IPC 8 full level

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CPC (source: EP US)

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