

Title (en)

SOUND ATTENUATION PANEL COMPRISING A RESISTIVE LAYER WITH REINFORCED STRUCTURAL COMPONENT

Title (de)

LÄRMDÄMPFUNGSPLATTE MIT WIDERSTANDSCHICHT MIT VERSTÄRKTEM STRUKTURTEIL

Title (fr)

PANNEAU D'ATTENUATION ACOUSTIQUE COMPORTANT UNE COUCHE RESISTIVE A COMPOSANTE STRUCTURALE RENFORCEE

Publication

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Application

**EP 02738201 A 20020417**

Priority

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Abstract (en)

[origin: US2004148891A1] The invention concerns a sound attenuation panel comprising a resistive layer with a reinforced structural component, comprising at least a honeycomb structure (1) flanked, on one side, with a resistive layer (2) consisting of at least a porous layer (2b) and of at least a perforated structural layer (2a), and, on the other side, with a layer forming a total reflector (3). The invention is characterized in that said structural layer (2a) is perforated with non-circular holes (4) having each its largest dimension and its smallest dimension along respectively two perpendicular axes. The invention is particularly applicable to pods for aeroplane jet engines.

IPC 8 full level

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