

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

EP 1380027 A1 20040114 (FR)

Application

EP 02738201 A 20020417

Priority

- FR 0201322 W 20020417
- FR 0105209 A 20010417

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 1-7

G10K 11/168

IPC 8 full level

G10K 11/168 (2006.01)

CPC (source: EP US)

G10K 11/168 (2013.01 - EP US)

Citation (search report)

See references of WO 02084642A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2004148891 A1 20040805; US 7484592 B2 20090203; AT E385602 T1 20080215; CA 2441477 A1 20021024; CA 2441477 C 20101207; DE 60224924 D1 20080320; DE 60224924 T2 20090416; EP 1380027 A1 20040114; EP 1380027 B1 20080206; FR 2823590 A1 20021018; FR 2823590 B1 20030725; WO 02084642 A1 20021024

DOCDB simple family (application)

US 47303104 A 20040310; AT 02738201 T 20020417; CA 2441477 A 20020417; DE 60224924 T 20020417; EP 02738201 A 20020417; FR 0105209 A 20010417; FR 0201322 W 20020417