

Title (en)

Multicomponent acoustically-resistive layer for a sound-absorbing panel and panel having such a layer

Title (de)

Schallwiderstandsfähige Mehrkomponentenschicht für eine schalldämpfende Platte und Platte unter Verwendung einer solchen Schicht

Title (fr)

Couche acoustique résistive multicomposant pour panneau d'atténuation acoustique et panneau ainsi obtenu

Publication

EP 1355294 B1 20080716 (FR)

Application

EP 03362003 A 20030415

Priority

FR 0204801 A 20020417

Abstract (en)

[origin: EP1355294A1] The panel, comprising a cellular core (1) with a sounddamping layer (2) on one side and a total reflective layer (3) on the other, has the sound-damping layer made from a structural component (4) of resinbound fibres in contact with and parallel to the aerodynamic flow, a dissipating layer (6) of metallic fabric and a second structural component (7) of resin-bound fibres lying orthogonal to the aerodynamic flow. The two structural components have open surfaces and are made from glass, carbon or polymer fibres, and the metallic fabric is preferably of stainless steel.

IPC 8 full level

G10K 11/172 (2006.01)

CPC (source: EP US)

G10K 11/172 (2013.01 - EP US)

Cited by

FR2912833A1; EP3395675A1; FR3065472A1; FR2953973A1; CN102652335A; US10940935B2; US11325323B2; US11027817B2; EP3683056A1; FR3091670A1; WO2011070279A1; EP2115733B1

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