

Title (en)  
Sound-damping material, and its method of manufacture

Title (de)  
Schalldämpfungsmaterial und Verfahren zu dessen Herstellung

Title (fr)  
Matériau d'isolation acoustique et son procédé de fabrication

Publication  
**EP 1746579 A2 20070124 (DE)**

Application  
**EP 06014954 A 20060718**

Priority  
DE 102005035014 A 20050722

Abstract (en)  
The three-dimensional sound damping material (13) has homogeneous mixture of same fiber or different fiber over its thickness. The sound damping material with in the area of the top side possesses randomly distributed outer micro reflection points (14) and inner micro reflection points (15). The inner and outer micro reflections points are formed in the area of the top side and by the randomly formed structures of the fiber profiles. An IDEPENDENT CLAIM is also included for method for production of the sound damping material.

IPC 8 full level  
**G10K 11/162** (2006.01)

CPC (source: EP)  
**G10K 11/162** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**DE 102005035014 B3 20060921; DE 102005035014 B9 20100826; EP 1746579 A2 20070124**

DOCDB simple family (application)  
**DE 102005035014 A 20050722; EP 06014954 A 20060718**