

Title (en)
ACOUSTIC ABSORBER, ACOUSTIC TRANSDUCER, AND METHOD FOR PRODUCING AN ACOUSTIC ABSORBER OR AN ACOUSTIC TRANSDUCER

Title (de)
AKUSTISCHER ABSORBER, AKUSTISCHER WANDLER UND VERFAHREN ZUM HERSTELLEN EINES AKUSTISCHEN ABSORBERS ODER EINES AKUSTISCHEN WANDLERS

Title (fr)
ABSORBEUR ACOUSTIQUE, CONVERTISSEUR ACOUSTIQUE ET PROCÉDÉ DE FABRICATION D'UN ABSORBEUR ACOUSTIQUE OU D'UN CONVERTISSEUR ACOUSTIQUE

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Abstract (en)
[origin: WO2010089398A2] The invention relates to an acoustic absorber comprising an absorption layer composed of an open-pored porous material. According to the invention, the open-pored porous material is flexurally stiff in such a way that the absorption layer is stimulated to flexurally oscillate when sound waves impinge on the absorption layer and the absorber can absorb sound waves of a first frequency range because of the inflow of air into the open-pored porous material of the absorption layer and can absorb sound waves of a second frequency range that comprises lower frequencies than the first frequency range because of the stimulation of flexural oscillations of the absorption layer. The invention further relates to an acoustic transducer and to a method for producing an acoustic absorber or an acoustic transducer.

IPC 8 full level
G10K 11/16 (2006.01)

CPC (source: EP US)
G10K 11/168 (2013.01 - EP US); **H04R 7/26** (2013.01 - EP US)

Citation (examination)
HEINZE, Retrieved from the Internet <URL:<http://www.heinze.de/produktserie/isover-akustic-schallschutzzinnenausbau/10068364/1>>

Cited by
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