

Title (en)  
ACOUSTICALLY ABSORPTIVE PANEL

Title (de)  
AKUSTISCH ABSORBIERENDES PANEEL

Title (fr)  
PANNEAU À ABSORPTION ACOUSTIQUE

Publication  
**EP 3500706 A1 20190626 (EN)**

Application  
**EP 17777646 A 20170822**

Priority  
• PT 10959416 A 20160822  
• IB 2017055066 W 20170822

Abstract (en)  
[origin: WO2018037345A1] Acoustically absorptive panel comprising a porous acoustic absorber having a front surface and a non-planar rear surface; a support frame within which said porous acoustic absorber is coupled; an acoustically transparent front fabric affixed on said front surface of said porous acoustic absorber; wherein the non-planar surface is configured such that, when the acoustically absorptive panel is attached to a planar attachment surface, a chamber comprising a uneven depth air cavity for enhancing sound absorption is defined between said non-planar rear surface and the planar attachment surface, wherein said non-planar rear surface of said porous acoustic absorber has complementary surface configurations whereby such two acoustically absorptive panels may be stacked upon one another by coupling their respective rear surfaces. Said board may be directly attached to the support frame and to the porous acoustic absorber, wherein the porous acoustic absorber is surrounded by the support frame.

IPC 8 full level  
**E04B 1/84** (2006.01); **E04B 1/86** (2006.01)

CPC (source: EP)  
**E04B 1/86** (2013.01); **E04B 2001/8281** (2013.01); **E04B 2001/829** (2013.01); **E04B 2001/8414** (2013.01); **E04B 2001/8428** (2013.01); **E04B 2001/8452** (2013.01)

Citation (examination)  
• FR 2893646 A1 20070525 - AUDITION INTELLIGIBILITE ACOUS [FR]  
• US 2012285767 A1 20121115 - MEYER JOHN D [US], et al  
• US 4122915 A 19781031 - TAGUCHI KAZUNORI  
• See also references of WO 2018037345A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018037345 A1 20180301**; EP 3500706 A1 20190626

DOCDB simple family (application)  
**IB 2017055066 W 20170822**; EP 17777646 A 20170822