

Title (en)

LAYERED SOUND ABSORBER FOR ABSORBING ACOUSTIC SOUND WAVES

Title (de)

SCHICHTENABSORBER ZUM ABSORBIEREN VON AKUSTISCHEN SCHALLWELLEN

Title (fr)

ABSORBEUR PHONIQUE A PLUSIEURS COUCHES POUR L'ABSORPTION D'ONDES ACOUSTIQUES

Publication

EP 0781445 B1 19980729 (DE)

Application

EP 95931221 A 19950829

Priority

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- EP 9503401 W 19950829

Abstract (en)

[origin: WO9608812A1] For the absorption of acoustic sound waves, the invention proposes a plurality of layers which contain at least one thin layer and are held at a spacing from one another by at least one spacer. These layers (1, 2) and the spacer or spacers (3a, 3b), respectively, have different densities and/or degrees of rigidity. The spacers (3a, 3b) are constructed and disposed such that a plurality of resonance chambers (4) are formed between the layers (1, 2).

IPC 1-7

G10K 11/168; G10K 11/172

IPC 8 full level

G10K 11/16 (2006.01); **G10K 11/168** (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP KR US)

G10K 11/168 (2013.01 - EP KR US); **G10K 11/172** (2013.01 - EP US)

Cited by

US6153286A; DE202012101648U1; DE102019128209A1; DE102019128209B4

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DE 9414943 U1 19960118; CZ 288450 B6 20010613; CZ 341796 A3 19970312; DE 59503008 D1 19980903; EP 0781445 A1 19970702; EP 0781445 B1 19980729; ES 2119468 T3 19981001; JP 3307648 B2 20020724; JP H10506477 A 19980623; KR 100285319 B1 20011122; KR 970703574 A 19970703; PL 180618 B1 20010330; PL 316782 A1 19970217; US 6186270 B1 20010213; WO 9608812 A1 19960321

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DE 9414943 U 19940914; CZ 341796 A 19950829; DE 59503008 T 19950829; EP 9503401 W 19950829; EP 95931221 A 19950829; ES 95931221 T 19950829; JP 50985696 A 19950829; KR 19960706987 A 19961206; PL 31678295 A 19950829; US 76501196 A 19961217