

Title (en)

Acoustic absorber forming a decorative wall element

Title (de)

Ein dekoratives Wandelement bildender Akustikabsorber

Title (fr)

Absorbeur acoustique formant un élément mural décoratif

Publication

**EP 1918472 A1 20080507 (DE)**

Application

**EP 07119138 A 20071024**

Priority

DE 102006051567 A 20061102

Abstract (en)

The absorber (1) has an acoustic material (3), which is laminated with a non-woven layer (4) at a viewing side, where the non-woven layer is printed. The acoustic material is made of an open-pored foam and a melamine resin foam, and is accommodated in a frame (2) such as aluminum frame, where the frame has a wedge-shaped cross-section or a U-shaped cross-section. The acoustic material has a thickness in the range of 20 millimeter (mm) to 40 mm, where the absorber is fastened at a wall using the frame and fastening units such as hooks, which are doveled in the wall. An independent claim is also included for a method for manufacturing a decorative, colored and/or graphically designed wall unit.

Abstract (de)

Die Erfindung betrifft ein dekoratives, bspw. farbig und/oder grafisch gestaltetes, Wandelement bildender, ein Akustikmaterial und eine Sichtseite aufweisender Akustikabsorber (1). Um einen als dekoratives Wandelement ausgebildeten Akustikabsorber anzugeben, der bei einfachem Aufbau die gewünschten Dekorationsmöglichkeiten erbringt, wird vorgeschlagen, dass das Akustikmaterial (3) auf der Sichtseite mit einer Vlieslage (4) kaschiert ist, wobei die Vlieslage (4) bedruckt ist.

IPC 8 full level

**E04B 1/86** (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP US)

**E04B 1/86** (2013.01 - EP US); **E02B 2017/0039** (2013.01 - EP US); **E04B 2001/8423** (2013.01 - EP US); **E04B 2001/8461** (2013.01 - EP US)

Citation (applicant)

- EP 0639678 A2 19950222 - WILHELMI WERKE GMBH & CO KG [DE]
- DE 9300151 U1 19930311
- FR 2761709 A1 19981009 - HOMBERGER GEORGES [FR]

Citation (search report)

- [X] EP 0639678 A2 19950222 - WILHELMI WERKE GMBH & CO KG [DE]
- [X] FR 2761709 A1 19981009 - HOMBERGER GEORGES [FR]
- [A] DE 9300151 U1 19930311

Cited by

DE202014102942U1; DE102010015867A1; DE202020101867U1; EP2546830A2; DE102011051727A1; EP2434066A1; EP2960389A1

Designated contracting state (EPC)

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