

Title (en)  
Slab-shaped sound-absorbing element

Title (de)  
Plattenförmiges schallabsorbierendes Element

Title (fr)  
Élément insonorisant en forme de panneau

Publication  
**EP 1431472 B1 20060705 (DE)**

Application  
**EP 02406108 A 20021217**

Priority  
EP 02406108 A 20021217

Abstract (en)  
[origin: EP1431472A1] Plate-like sound-absorbing element (1) comprises a plate-like core material formed by a particle board (2) connected to a plate-like first layer (4) covering one of the two surfaces of the particle board and to a second layer (5) covering the other surface. The first and/or second layer is provided with holes (6). The particle board is provided with parallel through openings (3) having a width (W) that is greater than half the thickness (D) of the particle board. The holes have a depth that is great enough so that the holes lying in the region of the through openings open into these through openings. Preferred Features: The particle board is extruded and the through openings have a circular cross-section. At least the first layer consists of a wood veneer.

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

CPC (source: EP)  
**E04B 1/86** (2013.01); **E04B 2001/8461** (2013.01); **E04B 2001/8485** (2013.01)

Cited by  
EA027859B1; US2021372060A1; US12006643B2; US9540806B2; WO2014075118A1

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