

Title (en)

Acoustically active board of textile material

Title (de)

Akustisch wirksames Panel aus Textilmaterial

Title (fr)

Panneau à fonction acoustique fait de matériau textile

Publication

EP 1830010 A2 20070905 (EN)

Application

EP 07103327 A 20070301

Priority

IT TO20060160 A 20060303

Abstract (en)

The board is produced mainly using textile fibres, has a high sound-damping capacity and is constructed in the form of a flat or three-dimensional decorative panel which may also be modular. It is used to improve the acoustic and furnishing properties of environments, the constructional characteristics of which may result in undesirable resonance and/or reverberation. The board consists of a fibrous mass which performs the sound-damping function. The aesthetic function is performed by the visible external surface of the fibrous mass. This surface may be flat or in three-dimensional relief, coloured or printed or patterned. The pattern may extend as far as the sides, or a frame made of other material may be provided. By way of the desired aesthetic effect, the surface may be more or less smooth, or embossed, or knurled. The board may consist of several layers, one of which, being optional, has the function of a resonator. The board is formed by means of a pressing operation at a suitable temperature with mechanical or manual shaping where required.

IPC 8 full level

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CPC (source: EP)

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Designated contracting state (EPC)

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