

Title (en)

Sound-proofing element and method for the production of a sound-proofing element

Title (de)

Schallschutzelement und Verfahren zum Herstellen eines Schallschutzelementes

Title (fr)

Élément d'écran insonorisant et procédé de fabrication d'un élément d'écran insonorisant

Publication

**EP 0679765 B1 19980527 (DE)**

Application

**EP 95104051 A 19950320**

Priority

DE 4411003 A 19940330

Abstract (en)

[origin: EP0679765A1] The sound-absorption layer (3) which is placed on one of the sides of the sound-proofing layer (2) has a high proportion of elastomer, rubber and/or plastics granular recycling material. The sound- absorption layer (3) is connected integral with the sound-proofing layer (2) and has a lesser density than same. The sound-proofing layer (2) can be a heterogeneous multi-phase solid body with anisotropic mechanical properties made from recycled plastics granules, inorganic additives and a hydraulic bonding agent. The sound- absorption layer preferably has on its outer side facing the sound source integral moulded longitudinal or transversely aligned ribs (5) with trapezoidal or undulating cross-section. The bonding and setting process can be carried out at high temperature using steam for faster manufacture. <IMAGE>

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IPC 8 full level

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