

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>

IPC 1-7

E01F 8/00

IPC 8 full level

E01F 8/00 (2006.01)

CPC (source: EP)

E01F 8/0029 (2013.01)

Cited by

EP2463451A1; WO2006042345A1; EP2311900A1

Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

EP 0679765 A1 19951102; EP 0679765 B1 19980527; AT E166682 T1 19980615; DE 4411003 A1 19951005; DE 4411003 C2 19960125; DE 59502306 D1 19980702

DOCDB simple family (application)

EP 95104051 A 19950320; AT 95104051 T 19950320; DE 4411003 A 19940330; DE 59502306 T 19950320