

Title (en)

Acoustic dampening element and method for manufacturing the same

Title (de)

Schallabsorbierendes Element und Verfahren zur Herstellung desselben

Title (fr)

Élément absorbant acoustique et son procédé de fabrication

Publication

EP 2540926 B1 20131127 (DE)

Application

EP 11172426 A 20110701

Priority

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Abstract (en)

[origin: EP2540926A1] The flat sound-absorbing element has a plate (10) in which several holes spaced apart which are arranged as micro-slits (20). Each micro-slot is formed in an elongated shape. Each micro-slot is provided with slanted side walls (21) in the shape of truncated cone over the thick portion, by which the lower smaller hole opening (22) is connected to the upper wider opening (25). The lower smaller hole opening comprises a width of 0.05 to 0.15 mm, and a length of 10 to 60 millimeters. An independent claim is included for method for manufacturing flat sound-absorbing element.

IPC 8 full level

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CPC (source: EP)

E04B 1/86 (2013.01); **E04B 2001/8495** (2013.01)

Cited by

AT515748B1; CN104695570A; US10068563B2; CN106223506A; CN110629896A; LU101991A1; BE1027517B1; NL2026321A; EP2937483A1; AT515748A1; AT526400A1; AT526400B1; WO2015081755A1; WO2019057233A1; WO2019057232A1; EP4311893A1

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