

Title (en)
RESONANT SOUND-ABSORBING ELEMENT

Publication
EP 0046559 B1 19850626 (DE)

Application
EP 81106377 A 19810817

Priority
DE 3032269 A 19800827

Abstract (en)
[origin: EP0046559A2] 1. Resonator-equipped acoustic absorption element, comprising a sound-absorbing material and an inherently stable casing surrounding this material, wherein the resonator-equipped acoustic absorption element includes a rigid hollow body which is open at one or two ends thereof and in the cavity of which at least one sound-absorbing planar resonator and/or at the front end of which a sound-absorbing planar resonator covering the aperture at the front end of the cavity is/are arranged, the material forming the planar resonator(s) being selected from a group consisting of a) perforated plastic films, b) films based on cellulose hydrate, which are at least approximately free from fibers and have an open-pore structure, and c) sheets comprising polymeric fibrils.

IPC 1-7
G10K 11/16

IPC 8 full level
G10K 11/16 (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP)
G10K 11/172 (2013.01)

Cited by
DE4408782A1; CN102543061A; DE19616080A1; EP0086184A3; DE4312885A1; FR3000509A1; CN105051295A; AU2013369101B2; EP0700030A3; US5905234A; US6109388A; EP0952571A3; EP1343142A3; US10260231B2; WO2014102473A1; WO2020178427A1; EP3935624B1

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DE

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EP 0046559 A2 19820303; EP 0046559 A3 19821103; EP 0046559 B1 19850626; DE 3032269 A1 19820408; DE 3171122 D1 19850801

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