

Title (en)  
METHOD FOR MANUFACTURING A SOUND-ABSORBING ELEMENT

Publication  
**EP 0255473 B1 19920129 (DE)**

Application  
**EP 87810287 A 19870507**

Priority  
CH 200686 A 19860516

Abstract (en)  
[origin: US4755416A] The process makes it possible to determine for sound-absorbing structural elements made of a compact or foamed plastic with cup-shaped protuberances, the thickness and area size of the resonance surfaces that is required for an optimal sound absorption, as a function of the height of the protuberances and the endeavored resonance frequency. The use of this process also makes it possible to adapt the frequency response curve of the sound absorption coefficient of the structural element to the frequency response curve of the sound level of a noise source.

IPC 1-7  
**G10K 11/16**

IPC 8 full level  
**B32B 3/26** (2006.01); **G10K 11/16** (2006.01); **G10K 11/172** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP US)  
**G10K 11/172** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US); **Y10T 428/24537** (2015.01 - EP US); **Y10T 428/2457** (2015.01 - EP US); **Y10T 428/24612** (2015.01 - EP US); **Y10T 428/24661** (2015.01 - EP US)

Cited by  
US5959264A; DE4334984C1; DE4414566A1; EP1251001A1; FR2823467A1; ITRA20100013A1; WO9605591A1

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DE ES FR GB IT NL SE

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**EP 0255473 A1 19880203**; **EP 0255473 B1 19920129**; BR 8702500 A 19880223; CA 1277922 C 19901218; CH 671848 B 19890929; DE 3776450 D1 19920312; ES 2030092 T3 19921016; JP H0818389 B2 19960228; JP S6327242 A 19880204; MX 168844 B 19930611; US 4755416 A 19880705

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