

Title (en)  
Mouldable acoustic devices

Title (de)  
Akustisches Gerät aus spritzgiessfähigem Kunststoff

Title (fr)  
Dispositifs acoustiques moulables

Publication  
**EP 0837238 B1 20030604 (EN)**

Application  
**EP 97304416 A 19970624**

Priority  
• BR 9602968 A 19960624  
• BR 9603046 A 19960701

Abstract (en)  
[origin: EP0837238A2] Mouldable acoustic devices internally coupled to a vehicle engine's air filter relates to a mouldable acoustic box (5), comprised of a plate of porous acoustic absorbing material or a set of plates of porous acoustic materials, superimposed and glued to each other, having its shape predetermined pursuant to the internal and acoustic characteristics of the conventional air filter to which it will be internally coupled, the device (5) being essentially an acoustic internal lining having the purpose of absorbing acoustic waves generated by inlet noises, that is coupled inside the air filter's upper compartment (1) and/or lower compartment (2), the device (5) being optionally removable from the relevant compartments.e

IPC 1-7  
**F02M 35/14**

IPC 8 full level  
**F02M 35/14** (2006.01)

CPC (source: EP)  
**F02M 35/1216** (2013.01); **F02M 35/14** (2013.01); **F02M 35/1288** (2013.01)

Citation (examination)  
• DE 3429633 A1 19860220 - HENGST WALTER GMBH & CO KG [DE]  
• DE 3707617 A1 19880922 - AUDI AG [DE]

Cited by  
DE10144972C1; EP2148075A1; EP2990636A1; US7416580B2; US6951697B2; US6783881B2; WO02084099A1; WO03023884A3; US6797027B2; US7138008B2; WO03023217A1; US7249652B2; US6780534B2

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