

Title (en)
Air-conditioning duct attenuator

Title (de)
Schalldämpfer für Lüftungskanäle einer Klimaanlage

Title (fr)
Atténuateur pour gaine de conditionnement d'air

Publication
EP 1098146 A3 20030910 (EN)

Application
EP 00660194 A 20001103

Priority
FI 19992394 A 19991105

Abstract (en)
[origin: EP1098146A2] The invention relates to an attenuator for an air-conditioning duct. The attenuator (10) includes a housing (I) that is made of porous, sound-absorbing and flexible material. In the housing (1), there is provided a number of flow apertures (2; 2<1>, 2<2>, 2<3>) that are parallel to the housing shell (1a), and the shape and measures of the cross-section of the housing (1) are arranged to correspond to those of the air-conditioning duct (4) in which the attenuator (10) should be fitted in, so that its shell (1a) is expanded and compressed against the inner surface (4a) of the air-conditioning duct. In addition, the attenuator (10) comprises a number of plugs (3; 3<1>, 3<3>). The shape and measures of the cross-section of each plug essentially correspond to the respective flow aperture (2; 2<1>, 2<2>, 2<3>) provided in the housing (1), in which the plug in question (3; 3<1>, 3<3>) can be inserted when adjusting the magnitude of the air flow in the air-conditioning duct (4). <IMAGE>

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CPC (source: EP)
F24F 13/0245 (2013.01); **F24F 13/0263** (2013.01); **F24F 13/24** (2013.01)

Citation (search report)
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• [A] US 5859393 A 19990112 - CUMMINS JR JIM R [US], et al
• [A] US 4105089 A 19780808 - JUDD FREDERICK V H
• [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 07 31 August 1995 (1995-08-31)

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