

Title (en)  
Device for adjusting and dampening air flow

Title (de)  
Vorrichtung zur Regelung und Dämpfung eines Luftstroms

Title (fr)  
Dispositif de réglage et amortissement du débit de l'air

Publication  
**EP 1571403 B1 20140122 (EN)**

Application  
**EP 05101282 A 20050221**

Priority  
FI 20040333 A 20040302

Abstract (en)  
[origin: EP1571403A2] The invention relates to a device for adjusting and dampening air flow, to be fitted in connection with the air duct of an air ventilation system. According to the invention, said adjusting damper (1) comprises: an elongate housing element (2) made of porous, sound-absorbing and flexible material, having a transversal area that is essentially constant, but smaller than the transversal area of the air duct, which housing element (2) is provided with at least one aperture (3) that is arranged to pass through the housing element (2), transversally against the lengthwise direction (A - A) of the housing element, and a restrictor element (4) having a length that is larger than the width of the housing element (2) in the direction of the aperture (3); said device (1) can be arranged in the air duct (5), in which case the restrictor element (4) is placed in the aperture (3), so that it extends to outside the housing element, and the housing element (2) with its restrictor element can be arranged in the lengthwise direction (A - A) in the air duct (5), so that it leaves the air duct partly open outside the restrictor element and the housing element, in which case the flow resistance of the air flow in the air duct grows owing to the device.

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