

Title (en)  
Sound-proofing device and method for constructing it

Title (de)  
Schallschutzgerät und Bauverfahren dafür

Title (fr)  
Dispositif d'insonorisation et son procédé de construction

Publication  
**EP 1843107 A1 20071010 (EN)**

Application  
**EP 06126434 A 20061218**

Priority  
IT PR20060030 A 20060404

Abstract (en)  
A sound-proofing device applicable to an air passage conduit (2) comprises a compact / single block sound-absorbing body (3), defining a passage for air and able to be inserted inside the conduit (2); the body (3) defines at least one baffle (5) facing the interior of said passage. An apparatus for sound-proofing an indoor space, communicating with the exterior through an air passage conduit (2) situated inside a vertical wall (6), comprises a sound-proofing device (1) inserted within the conduit (2), the sound-proofing device (1) having longitudinal development along an axis lying in a plane defined by said wall (6). In the prior art, devices for sound-proofing air passage conduits have a structure comprising a pair of coaxial metal shields, defining within them a hollow space containing sound-absorbing material in crumbled form.

IPC 8 full level  
**F24F 13/24** (2006.01)

CPC (source: EP)  
**F24F 13/24** (2013.01); **F24F 2013/242** (2013.01)

Citation (search report)

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