

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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