

Title (en)

MUFFLER LINING FOR AIR OR GAS CHANNELS

Title (de)

SCHALLDÄMPFENDE AUSKLEIDUNG FÜR LUFT-ODER GASLEITUNGEN

Title (fr)

SILENCIEUX POUR CONDUITES D'AIR OU DE GAZ

Publication

**EP 1166009 A1 20020102 (EN)**

Application

**EP 00921235 A 20000322**

Priority

- SE 0000561 W 20000322
- SE 9901124 A 19990326

Abstract (en)

[origin: WO0058659A1] Muffler lining (1, 2, 3) for air or gas channels, which muffler lining is arranged for being mounted with good sealing in a closed outer casing (4) of sheet metal, plastic or another material, and in which the outer casing (4), as known in the art, is formed with cross ends (5) and with tube studs (6) for mounting of the complete muffler as an intermediate part between air and gas channel parts, and in which the muffler lining comprises an inner muffler element (1) forming a closed flow channel, and which at the interior thereof is connected to an air/gas pervious inner layer (2) of a tensile and abrasion resistant fibre or fabric material, for instance a glass fibre fabric or a glass fibre mat, and an outer muffler element (3) which completely encloses the inner muffler element (1). The inner element (1) is made up of parallelepipedical lamellae (8) of mineral wool having a thickness of more than 5 mm, which when forming the inner element to a closed unit form outwardly facing V-shaped slots (10). The outer element (3) can be formed as two or more parts providing an enclosing unit, or as a tube shell, which completely encloses the inner element.

IPC 1-7

**F16L 55/033**; **F24F 13/24**

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