

Title (en)
Insert for a silencer and method for producing it

Title (de)
Schalldämpfereinsatz und Verfahren zu dessen Herstellung

Title (fr)
Insert pour silencieux et son procédé de fabrication

Publication
EP 0953736 B1 20020612 (DE)

Application
EP 99108115 A 19990424

Priority
DE 29807858 U 19980501

Abstract (en)
[origin: US6241043B1] In order to create a process for producing muffler inserts as well as novel muffler inserts, which are most optimally adaptable in size and shape to the interior space of the muffler housing to be filled, by simple means, and which also can be produced economically and have improved effect, a process is proposed for producing muffler inserts which operate entirely or partially according to the absorption principle, whereby a predetermined amount of a loose bundle of individual elements of a suitable sound-absorbing material is formed, the loose bundle is shaped roughly in an assembly shaping unit corresponding to the intended shape of the muffler insert, and whereby the loose bundle is fixed into a shaped composite in the shape corresponding to the assembly shaping unit, in such a way that the fixed shape can be handled without individual elements loosening until assembly for the specified uses of the muffler insert; however during the specific use as a muffler insert the fixing is at least partially released.

IPC 1-7
F01N 1/24; **F01N 7/18**

IPC 8 full level
F01N 1/24 (2006.01); **F01N 13/18** (2010.01); **G10K 11/162** (2006.01)

CPC (source: EP US)
F01N 1/24 (2013.01 - EP US); **G10K 11/162** (2013.01 - EP US); **F01N 2310/02** (2013.01 - EP US); **Y10T 29/49398** (2015.01 - EP US)

Citation (examination)

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- DE 3205186 A1 19830825 - SEITZ WILFRIED
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