

Title (en)
Insert for silencer

Title (de)
Schalldämpfereinsatz

Title (fr)
Pièce d'insertion pour silencieux

Publication
EP 1099829 A3 20031015 (DE)

Application
EP 00124521 A 20001109

Priority
DE 29919767 U 19991111

Abstract (en)
[origin: EP1099829A2] The inlet (6) of the silencer (1) has a tapered reducing piece (4,5) leading into the perforated tube (2). The concentric space (8) between the inner and outer tubes acts as an expansion chamber. Some of the exhaust gases flow through the perforations and are released to the outside through vanes (17) at the outlet (19) end of the silencer. There may be a large-diameter pipe surrounding these vanes. The vanes are made by bending the edges of discs (14) which have openings (11,18) in them to allow exhaust gases to flow through.

IPC 1-7
F01N 1/08; **F01N 7/08**; **F01N 1/10**; **F01N 1/02**

IPC 8 full level
F01N 1/02 (2006.01); **F01N 1/06** (2006.01); **F01N 1/08** (2006.01); **F01N 1/10** (2006.01); **F01N 1/16** (2006.01); **F01N 1/24** (2006.01); **F01N 13/08** (2010.01); **F01N 1/00** (2006.01)

CPC (source: EP)
F01N 1/006 (2013.01); **F01N 1/02** (2013.01); **F01N 1/023** (2013.01); **F01N 1/06** (2013.01); **F01N 1/08** (2013.01); **F01N 1/083** (2013.01); **F01N 1/084** (2013.01); **F01N 1/085** (2013.01); **F01N 1/10** (2013.01); **F01N 1/165** (2013.01); **F01N 1/166** (2013.01); **F01N 1/24** (2013.01); **F01N 13/082** (2013.01); **F01N 2490/155** (2013.01); **F01N 2490/20** (2013.01)

Citation (search report)
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