

Title (en)
Silencer and exhaust system

Title (de)
Schalldämpfer sowie Abgasanlage

Title (fr)
Silencieux et ligne d'échappement

Publication
EP 1500798 B1 20160928 (DE)

Application
EP 04015174 A 20040629

Priority
DE 10333645 A 20030724

Abstract (en)
[origin: EP1500798A1] The silencer (10) for a motor vehicle exhaust has a housing (12), with the exhaust pipe (18) through it. The housing has a resonator (26) and an acoustic absorber (32) with a flow link between them and the exhaust pipe through slits (42). The resonator has a tubular resonance body (24) around the exhaust pipe, with a gap between them, and the sound absorber is inserted at least partially into its open end.

IPC 8 full level
F01N 1/04 (2006.01); **F01N 1/00** (2006.01); **F01N 1/24** (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP)
F01N 1/006 (2013.01); **F01N 1/04** (2013.01); **F01N 1/24** (2013.01); **F01N 13/1838** (2013.01); **F01N 2310/02** (2013.01); **F01N 2310/04** (2013.01); **F01N 2470/04** (2013.01); **F01N 2470/10** (2013.01)

Cited by
CN107327650A; EP2857748B1; EP2534343B1

Designated contracting state (EPC)
DE FR GB IT SE

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