

Title (en)

Multi-chamber built exhaust gas silencer

Title (de)

Abgas-Schalldämpfer in Mehrkammerbauweise

Title (fr)

Silencieux de gaz d'échappement à construction à chambres multiples

Publication

EP 1146206 B1 20060802 (DE)

Application

EP 01103818 A 20010216

Priority

- DE 10018505 A 20000414
- DE 10058142 A 20001122

Abstract (en)

[origin: EP1146206A2] The silencer has an outer casing (2) with upper and lower half shells, an inner shell (5) and an inner exhaust gas guide through a sound absorber. The exhaust gas guide has at least one first curved outlet pipe (9), which has a first curved section and is connected at a straight exit end (27) to the outer casing. A second curved exit pipe (10) has a second curved section on top of the first curved section of the first exit pipe. An independent claim is included for a method to manufacture the exhaust silencer

IPC 8 full level

F01N 1/02 (2006.01); **F01N 1/04** (2006.01); **F01N 1/06** (2006.01); **F01N 1/24** (2006.01); **F01N 7/18** (2006.01); **F01N 13/08** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP US)

F01N 1/02 (2013.01 - EP US); **F01N 1/04** (2013.01 - EP US); **F01N 1/06** (2013.01 - EP US); **F01N 13/185** (2013.01 - EP US); **F01N 13/1872** (2013.01 - EP US); **F01N 13/1888** (2013.01 - EP US); **F01N 2470/14** (2013.01 - EP US); **F01N 2490/155** (2013.01 - EP US)

Cited by

CN101881203A; EP1541823A3; EP1347155A3; EP1512852A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1146206 A2 20011017; **EP 1146206 A3 20021002**; **EP 1146206 B1 20060802**; DE 50110583 D1 20060914; US 2004003963 A1 20040108; US 7004283 B2 20060228; WO 0179665 A2 20011025; WO 0179665 A3 20021205

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EP 01103818 A 20010216; DE 50110583 T 20010216; EP 0104234 W 20010412; US 25781803 A 20030715