

Title (en)

Exhaust gas silencer with a shell fold and process for manufacturing an exhaust gas silencer

Title (de)

Abgas-Schalldämpfer mit einem Schalenfalz und Verfahren zur Herstellung eines Abgas-Schalldämpfers

Title (fr)

Silencieux de gaz d'échappement avec un sertissage de boîtier et procédé de fabrication d'un silencieux de gaz d'échappement

Publication

EP 1693556 A3 20060927 (DE)

Application

EP 06011041 A 20010216

Priority

- EP 01103818 A 20010216
- DE 10018505 A 20000414
- DE 10058142 A 20001122

Abstract (en)

[origin: EP1693556A2] Multiple chambered exhaust muffler has edges (500) of the external half shells (200, 300), which are formed flat. The flat edge (600) of the inner shells (400) is clamped firmly between the flat edges of the external half shells only in a subarea of the peripheral fold (900) by the offset peripheral fold. An independent claim is also included for the method for operation of multiple chambered exhaust muffler.

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 13/18** (2010.01)

CPC (source: EP)

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

Citation (search report)

- [XY] DE 9308419 U1 19941013 - ROTH TECHNIK GMBH [DE]
- [XY] FR 2682158 A1 19930409 - WIMETAL SA [FR]
- [YA] GB 1448301 A 19760902 - GILLET GMBH PAUL
- [A] US 4941545 A 19900717 - WILCOX RICHARD C [US], et al
- [A] US 4972921 A 19901127 - TAKADA TOSHIYUKI [JP], et al

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 10058142 A1 20011018; EP 1693556 A2 20060823; EP 1693556 A3 20060927

DOCDB simple family (application)

DE 10058142 A 20001122; EP 06011041 A 20010216