

Title (en)

Catalyst housing

Title (de)

Katalysatorgehäuse

Title (fr)

Carter de catalyseur

Publication

**EP 0757163 A1 19970205 (DE)**

Application

**EP 96112584 A 19960803**

Priority

DE 29513179 U 19950804

Abstract (en)

The catalyser includes a housing with two funnels (2) which form a sinusoidal dividing line (5) with each other. The exhaust tubes connect to the funnels (2) in the flow direction (1). The funnels have cylinder-shaped tube sections (3) for the cylinder-shaped exhaust tubes. In the flow direction near to the tube sections the funnels widen. The funnels have a semi-oval outer skin (4) in the areas where they do not contact each other. It is possible to fit a cylindrical catalyser in the area of the engine chamber. Two bend outlets issue in a single, cylindrical exhaust gas tube with a dividing wall in the flow direction. The exhaust gas tube is connected with the cylindrical tube section (3). This tube section, for the exhaust tube, is divided into two parts by a dividing wall and is flanked by a fixation flange.

Abstract (de)

Katalysator mit einem aus einem Blechmantel (9) bestehenden Gehäuse und einem im Gehäuse angeordneten Monolithen, wobei zwei Abgasstränge mittels zweier Anschlußtrichter (2) mit dem Monolithen leitungsmäßig verbunden sind, wobei beide Trichter (2) eine ungerade Trennlinie (5) mit vorzugsweise sinusförmigem Verlauf miteinander ausbilden. <IMAGE> <IMAGE>

IPC 1-7

**F01N 3/28**; **F01N 7/08**

IPC 8 full level

**F01N 3/28** (2006.01); **F01N 13/08** (2010.01); **F01N 13/04** (2010.01)

CPC (source: EP)

**F01N 3/28** (2013.01); **F01N 3/2857** (2013.01); **F01N 13/017** (2014.06); **F01N 13/08** (2013.01); **F01N 2470/16** (2013.01)

Citation (search report)

- [DA] DE 2725943 A1 19781221 - DAIMLER BENZ AG
- [A] DE 7045505 U
- [A] DE 2745841 A1 19790419 - EBERSPAECHER J
- [A] US 5148597 A 19920922 - WEEKS ANDREW M [US]

Cited by

DE102012017178A1; EP1482141A1

Designated contracting state (EPC)

BE DE ES FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0757163 A1 19970205**

DOCDB simple family (application)

**EP 96112584 A 19960803**