

Title (en)

Sound muffler and method for producing the same

Title (de)

Schalldämpfer und Verfahren zu seiner Herstellung

Title (fr)

Silencieux et son procédé de fabrication

Publication

EP 2757234 B1 20170308 (DE)

Application

EP 14151358 A 20140116

Priority

AT 500232013 A 20130116

Abstract (en)

[origin: EP2757234A1] The silencer (1) has a resonator chamber (14) embodied outside an inner pipe section (2) with a shell (3) of the inner pipe section formed with an opening (7) that connects an interior of the inner pipe section with the resonator chamber. The shell of the inner pipe section is composed of shell segments (4, 5) arranged to be adjacent along circumference of a pipe. The shell segments extend from a first connecting piece (11) to a second connecting piece (12), where ends (9, 10) of the shell segments are connected with the respective first and second connecting pieces. Independent claims are also included for the following: (1) a vehicle (2) a method for manufacturing a silencer.

IPC 8 full level

F02B 33/44 (2006.01); **F01N 13/18** (2010.01); **F02M 35/10** (2006.01); **F02M 35/12** (2006.01)

CPC (source: EP US)

F02B 33/44 (2013.01 - EP US); **F02M 35/1036** (2013.01 - EP US); **F02M 35/1266** (2013.01 - EP US); **F02M 35/1283** (2013.01 - EP US); **F01N 1/026** (2013.01 - EP US); **F01N 13/1872** (2013.01 - EP US); **F01N 13/1888** (2013.01 - EP US); **Y10T 29/49398** (2015.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2757234 A1 20140723; **EP 2757234 B1 20170308**; AT 513955 A1 20140815; US 2014196978 A1 20140717

DOCDB simple family (application)

EP 14151358 A 20140116; AT 500232013 A 20130116; US 201414154363 A 20140114