

Title (en)

Silencing device, particularly for turbocharged engine

Title (de)

Schalldämpfereinrichtung, insbesondere für turbogeladene Verbrennungsmotoren

Title (fr)

Dispositif formant silencieux, notamment pour un moteur turbo

Publication

EP 1209348 B1 20060614 (FR)

Application

EP 01402977 A 20011121

Priority

FR 0015100 A 20001123

Abstract (en)

[origin: FR2816991A1] The silencer, designed to be mounted between an air or fluid intake pipe (1) and an outlet pipe (2), consists of a main hollow cylindrical housing (3) with intake and outlet couplings (4, 4') of smaller cross-section than the housing, and an inner partition which forms at least two toroid chambers (9, 10) inside the housing. The component (8) forming the partition has a transverse wall (12) between inner (11) and outer (13) cylindrical sections, the first in line with the intake and outlet pipes, and the second acting as a reinforcement for the housing's cylindrical wall. A variant of the design can have a second partition forming a third toroid chamber.

IPC 8 full level

F01N 1/02 (2006.01); **F02M 35/12** (2006.01); **F01D 25/00** (2006.01); **F01D 25/30** (2006.01); **F02C 7/24** (2006.01)

CPC (source: EP KR US)

F02M 35/12 (2013.01 - KR); **F02M 35/1261** (2013.01 - EP US); **F02M 35/1283** (2013.01 - EP US)

Cited by

FR2983919A1; WO2011161042A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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