

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 A1 20020529 (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.

Abstract (fr)

Dispositif formant silencieux, destiné à être monté entre un premier conduit 1 d'entrée d'air ou de fluide et un deuxième conduit 2 de sortie d'air ou de fluide, ce dispositif étant notamment monté entre une turbine de moteur et un échangeur thermique ; le silencieux étant constitué d'un corps 3 principal creux cylindrique, d'un raccord 4 d'entrée et d'un raccord 4' de sortie cylindrique ayant une ou des sections droites inférieures à celle du corps 3 principal et d'au moins une pièce 8 formant cloison définissant avec la surface intérieure du corps principal creux au moins deux chambres 9, 10 toriques. <IMAGE>

IPC 1-7

F02M 35/12

IPC 8 full level

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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)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 389 (M - 1642) 21 July 1994 (1994-07-21)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 212 (M - 1593) 15 April 1994 (1994-04-15)
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Designated contracting state (EPC)

DE FR GB IT

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DOCDB simple family (application)

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