

Title (en)

GAS FLOW MODULATION APPARATUS FOR AN EXHAUST SILENCER OF AN INTERNAL-COMBUSTION ENGINE

Publication

EP 0077230 B1 19850109 (FR)

Application

EP 82401704 A 19820920

Priority

FR 8119304 A 19811014

Abstract (en)

[origin: ES8307037A1] The muffler comprises a resonator (6) which communicates by way of an outlet orifice (14) with a chamber (5). A flexible valve member (16) regulates the section of the passage through this orifice in accordance with the rate of flow of the gas through the outlet of the resonator under the action, for example, of the pressure prevailing in the resonator. When the running speed of the engine decreases, the valve member reduces the section of the passage through the orifice (16) and modifies the acoustic attenuation in the resonator. The valve member may be controlled by other parameters of the flow of the exhaust gas inside the muffler.

IPC 1-7

F01N 1/02; **F01N 1/16**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0119634A3; AT399022B; FR2737537A1; DE3736573A1; EP0111336A3; FR2649756A1; EP0328056A3; US4971166A; KR101135410B1

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