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**EUROPEAN PATENT APPLICATION**

⑰ Application number: 86115471.4

⑤① Int. Cl.<sup>4</sup>: F 02 M 25/06

⑱ Date of filing: 07.11.86

⑳ Priority: 07.11.85 PL 256136

④③ Date of publication of application:  
13.05.87 Bulletin 87/20

⑧④ Designated Contracting States:  
DE FR GB

⑦① Applicant: Stowarzyszenie Inzynierow i Technikow  
Mechanikow Polskich Zespol Osrodkow  
Rzeczoznawstwa i Postepu Technicznego "Zorpot"  
ul. Zurawia 22  
00515 Warszawa(PL)

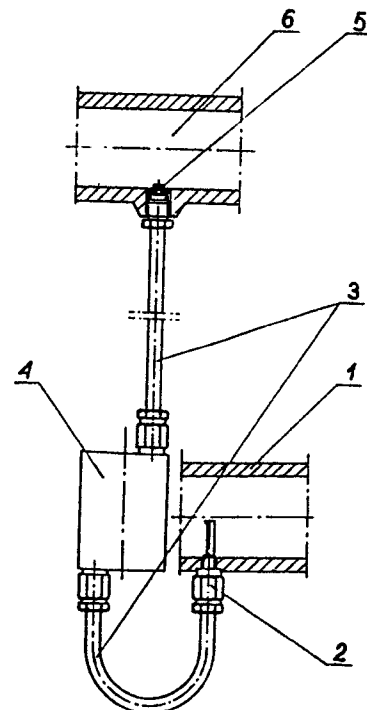
⑦② Inventor: Kowalski, Alojzy  
ul. Mohna 4  
Torun(PL)

⑦④ Representative: Finck, Dieter et al,  
Patentanwalte v. Funer, Ebbinghaus, Finck Mariahilfplatz  
2 & 3  
D-8000 Munchen 90(DE)

⑤④ A means for delivering exhaust gas from the outlet system to the inlet system of an internal-combustion engine.

⑤⑦ The subject of the invention is a means for delivering exhaust gas from the outlet system to the inlet system of an internal-combustion engine.

The means as per the present invention provides the exhaust manifold 1 with exhaust gas tapping tip 2, which through pipe 3 is connected to equalizing tank 4 and further on to nozzle 5, being joint to canal 6 of the engine inlet manifold. The exhaust gas tapping tip has its inlet 8 directed towards and conforming to that of the exhaust gas flow. Nozzle 6 enables an appropriate amount for exhaust gas to be delivered to the engine inlet system.



EPAC-34429.6  
November 7, 1986

A means for delivering exhaust gas from the outlet system to the inlet system of an internal-combustion engine

5 The subject of this present invention is a means for delivering exhaust gas from the outlet systems to the inlet system of an internal-combustion engine.

A means is known for taking exhaust gas of internal-combustion piston engines for the purpose of decreasing detonative combustion and the toxicity of exhaust gas according to Polish Patent Specification No. ....

This means comprises pipes connecting the exhaust manifold to the inlet system.

The essence of this present invention involves providing the exhaust manifold with an exhaust gas tapping tip connected with a pipe to an equalising tank and regulated with a nozzle connected to a canal of the supply manifold. The exhaust gas tapping tip has its inlet directed in the direction conforming to that of the flow of the exhaust gas. On the other hand, the equalising tank has a form of a cylinder and pipe tips placed at top and bottom in its opposite walls for exhaust gas to flow to and away from it.

The advantage of the means as per this present invention is an increase in engine power and a considerable decrease in the pulsation in the

pressure of the exhaust gas being delivered.

The means as per this present invention is presented in an embodiment shown in a drawing and depicting a view of this means.

5 Exhaust manifold 1 has mounted in it exhaust gas tapping tip 2 connected with pipe 3 to equalising tank 4 which is connected with that pipe to nozzle 5 connected to canal 6 of the engine inlet manifold. The exhaust gas tapping tip 10 has its inlet 8 directed in the direction conforming to that of the exhaust gas flow. The equalising tank is shaped like a cylinder and has pipe tips 3 located at its top and bottom in its opposite walls for exhaust gas 15 to flow to and away. Nozzle 6 enables an appropriate amount of exhaust gas to be delivered to the engine inlet system.

Patent Claims

1. A means for delivering exhaust gas from the outlet system to the inlet system of an internal-combustion engine, characterised in that outlet manifold 1 has permanently mounted in  
5 it exhaust gas tapping tip 2 connected with pipe 3 to equalising tank 4 and to nozzle 5 connected to canal 6 of the inlet system.
2. A means as per Claim 1, characterised in that exhaust gas tapping tip 2 has its inlet directed in the direction conforming to that of the flow of the exhaust gas.
3. A means as per Claim 1, characterised in that equalising tank 4 is shaped as a cylinder and has pipe tips 3 located at its top and bottom in its opposite walls for exhaust gas to flow  
5 to and away.

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