The invention relates to the mechanical engineering, in particular to the motor engineering, namely to the intake mufflers, mainly of the internal combustion engines.

Summary of the invention consists in that the intake muffler of the internal combustion engine, according to the first variant, contains a body with inlet and outlet pipes and a porous sound absorber, which is made of metal-fibrous material and it is placed into the body forming an axial gas-supply channel of variable section.

According to the second variant, the intake muffler of the internal combustion engine contains a body, the wall of which is made double and includes the outer and perforated inner casings. The outer casing may be made demountable and partially perforated.

The axial gas-supply channel of the intake mufflers according to both variants may be made cylindrical with annular prominences of the same height or different height: decreasing towards the outlet pipe.

The axial gas-supply channel may be made conic: of confuser type or diffuser-confuser type.

The result of the invention is a high gas energy dissipation, conditioning the efficient attenuation of the sound vibrations.

Claims: 14
Fig.: 8