

The invention relates to the field of propulsion engineering, namely to the exhaust gas exhaustion systems of the internal combustion engine.

The device for desooting of exhaust gases and for abating the noise of the internal-combustion engine includes a muffler (1) wherein it is placed an electric centrifugal filter (2), equipped with a settling chamber (3) of the cyclone, a discharge electrode (4), fixed into the settling chamber (3) of the cyclone and insulated by means of a set of insulating gaskets (8), ionizing electrodes (5) of the ionizator placed into the inlet fitting of the settling chamber (3) of the cyclone, a bunker (19) and a power unit (18). Novelty of the invention consists in that it additionally comprises a body (11) with inlet (12) and outlet (14) fittings, and to the inlet fitting (12) there is fixed a pipe (15) closed on two end faces, with holes onto the diametrically opposite lateral surfaces for outlet of exhaust gases which is placed below the level of liquid present into the filter body.

As liquid there may be used the mineral oil.

Claims: 2

Fig.: 1

