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The summary of the invention consists in the fact that the exhaust system of the internal combustion engine is provided with a controllable vortex tube (2) placed at its inlet and two supplementary concentric installed Laval nozzles (4, 7), into which, on the broadening taper surface, are installed screwed guides (5, 8), and the guides screwing in each Laval nozzle is opposite. The electric thermogenerator is parallel connected with the storage battery by means of a diode.

The technical result consists in the deviding of the exhaust gas flow into two concentrical flows with the opposite screwing and prevention of the storage battery discharge toward the electric thermogenerator.

Claims: 2

Fig.: 2