

Title (en)
VALVE FOR THE INTRODUCTION OF METERED DOSES OF VOLATILIZED FUEL

Title (de)
VENTIL ZUM DOSIERTEN EINLEITEN VON VERFLÜCHTIGTEM BRENNSTOFF

Title (fr)
SOUPAPE D'ADMISSION D'UNE DOSE DE CARBURANT VOLATILISE

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Application
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Abstract (en)
[origin: DE19839476A1] The invention relates to a valve for the introduction of metered doses of volatilized fuel which has evaporated from a fuel tank of an internal combustion engine, into said internal combustion engine. The valve comprises a housing having an inlet connector (13) for connection to a fuel tank or to an adsorption filter for volatilized fuel positioned downstream from the fuel tank; an outflow connector (10) for connection to the internal combustion engine; and a valve member (36), which is arranged between the inlet connector and outflow connector inside the valve housing, actuated by an electromagnet having a magnetic core and cooperates with a valve seat embodied at the level of a valve seat body (31). The invention is characterized in that the valve housing comprises a first housing part (8) which on the inlet side is closed off by a protective screen (70) and on which the electromagnet (12), the valve member (36), the valve seat body (31) and the outflow connector (10) are configured, as well as a second housing part (9) on which the inflow connector (13) is positioned and which can be fixed to the first housing part.

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