

Title (en)

VALVE FOR THE METERED SUPPLY OF VAPORISED FUEL TO AN INLET PIPE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VENTIL ZUM DOSIERTEN EINLEITEN VON VERFLÜCHTIGTEM BRENNSTOFF IN EINEN ANSAUGKANAL EINER BRENNKRAFTMASCHINE

Title (fr)

SOUPAPE POUR L'INJECTION DE DOSES DE CARBURANT VAPORISE DANS UNE CONDUITE D'ADMISSION D'UN MOTEUR A COMBUSTION INTERNE

Publication

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Application

EP 94900748 A 19931203

Priority

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- DE 9301151 W 19931203

Abstract (en)

[origin: WO9415091A1] In a prior art tank venting valve, especially with pulsed control of an electromagnet adjusting the position of the tank venting valve, undesirable operating noises can arise owing to contact between relatively moving metal components, and this is to be prevented. The valve closer (37) has at least one damper (35) which axially completely passes through the valve closer (37) and forms a first damping surface (40) directed towards the valve seat (27) on the first face (38) of the valve closer (37) and a second damping surface (41) directed towards the electromagnet (13) on the second face (39) of the valve closer (37) so as to prevent or damp any impact of the valve close (37) on the valve seat (27) or on the magnet core (15). The tank venting valve of the invention is suitable for the metered supply of vaporised fuel from the fuel tank of a compressed-mixture, spark ignition internal combustion engine to one of its inlet pipes.

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