

Title (en)

VALVE FOR PROPORTIONED SUPPLY OF VOLATILIZED FUEL

Title (de)

VENTIL ZUM DOSIERTEN EINLEITEN VON VERFLÜCHTIGTEM BRENNSTOFF

Title (fr)

VANNE D'ALIMENTATION DOSEE EN CARBURANT VOLATILISE

Publication

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Application

EP 98912262 A 19980218

Priority

- DE 9800472 W 19980218
- DE 19721562 A 19970523

Abstract (en)

[origin: DE19721562A1] The known types of fuel tank ventilation valve that are provided with a Laval nozzle pose a problem concerning the fine flow rate control since the inlet section of the nozzle is directly covered by a valve portion. The present invention relates to a valve whose seat (37) is part of the valve support (31) having at least one opening (34) which can be closed by said support (36). The cross section of said opening is substantially smaller than that of the Laval nozzle inlet (60), which is mounted to the opening at a distance thereof. The inventive valve is designed so as to enable a proportioned supply of fuel from an internal combustion engine with compressed mixture and spark ignition into an admission pipe in said engine.

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