

Title (en)
SYSTEM FOR PURGING A VAPOUR CANISTER

Title (de)
SYSTEM ZUR ENTLÜFTUNG EINES KRAFTSTOFFDAMPFBEHÄLTERS

Title (fr)
SYSTEME DE PURGE D'UN RECIPIENT DE VAPEURS DE CARBURANT

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Application
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Abstract (en)
[origin: GB2354800A] A system is described for purging a main vapour canister 12 arranged in an air passage 24 venting a fuel tank 10 to the atmosphere. The system comprises a purge line 26 for supplying air and fuel vapour from the vapour canister 12 to the engine intake system 20 during purge cycles of the main vapour canister 12. A buffer vapour storage canister 14 having a larger capacity than the main vapour canister 12 is arranged within the purge line 26 so that purge air drawn through the main vapour canister 12 passes through the buffer canister 14 before reaching the engine 20. A pump 16 and three-way valve 18 circulate fuel vapour from the ullage space of the tank 10 through the buffer canister 14 to ensure that it remains saturated with fuel vapour in between purge cycles of the main vapour canister 12.

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