

Title (en)

ADSORPTION FILTER FOR THE FUEL TANK VENTING SYSTEM OF AN INTERNAL COMBUSTION ENGINE AND PROCESS FOR OPERATING SAID SYSTEM

Title (de)

ADSORPTIONS-FILTER EINER KRAFTSTOFFTANK-ENTLÜFTUNGSANLAGE EINES VERBRENNUNGSMOTORS UND VERFAHREN ZUM BETREIBEN DIESER ANLAGE

Title (fr)

FILTRE ADSORBANT POUR LE SYSTEME DE MISE A L'AIR LIBRE DU RESERVOIR DE CARBURANT D'UN MOTEUR A COMBUSTION INTERNE ET PROCEDE D'UTILISATION DE CE SYSTEME

Publication

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Application

EP 97926982 A 19970606

Priority

- DE 9701137 W 19970606
- DE 19623740 A 19960614
- DE 19628153 A 19960712

Abstract (en)

[origin: WO9747874A1] A process and device are provided to supply the air mass flux required to regenerate the adsorption material of an adsorption filter (1) in the fuel tank venting system of an internal combustion engine while the engine is running and independently of a depression in the air intake pipe (12) of the engine. For this purpose, atmospheric air is fed at least partially and temporarily by an air pump (15) through the adsorption filter (1) to the air intake pipe (8) of the internal combustion engine while the engine is running. The air pump (15) integrated in the device makes it possible to obtain a module which is easy to produce and to handle and which contains all units of the venting system.

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IPC 8 full level

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CPC (source: EP US)

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