

Title (en)

Degassing device for the fuel feeding of an internal combustion engine.

Title (de)

Entgasungsvorrichtung des Brennstoffzufuhrs einer Brennkraftmaschine.

Title (fr)

Dispositif de dégazage à haute efficacité d'un carburant d'alimentation de moteur à combustion interne.

Publication

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Application

EP 89401412 A 19890524

Priority

FR 8806941 A 19880525

Abstract (en)

The invention relates to a fuel degassing device which comprises a settling tank (11) and a cover body (12) fastened sealingly to the settling tank, the said cover body being equipped with a fuel inlet connection (20), with a return connection (24) to the gas and vapour reservoir and with an outlet connection (22) which discharges the degassed liquid fuel towards the carburettor and in which is mounted a valve (64) loaded by a calibrated spring. The inlet connection (20) has a portion of narrowed diameter (36) in which the fuel experiences an acceleration and which is extended by a portion (38) causing the fuel to enter the settling tank (11) tangentially to the wall of the latter. Mounted in the return connection is a nozzle (62), towards which some of the incident flow of fuel is diverted by a channel (60), in order to generate a vacuum at the entrance of the return connection.

<IMAGE>

IPC 1-7

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IPC 8 full level

F02M 37/00 (2006.01); **F02M 37/20** (2006.01)

CPC (source: EP)

F02M 37/0023 (2013.01); **F02M 37/20** (2013.01); **F02M 37/0052** (2013.01)

Citation (search report)

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