

Title (en)  
DEGASSING DEVICE FOR THE FUEL FEEDING OF AN INTERNAL COMBUSTION ENGINE

Publication  
**EP 0344063 B1 19920108 (FR)**

Application  
**EP 89401412 A 19890524**

Priority  
FR 8806941 A 19880525

Abstract (en)  
[origin: EP0344063A1] 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>

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IPC 8 full level  
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CPC (source: EP)  
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