

Title (en)

Device for feeding a combustion engine with fuel from a tank

Title (de)

Vorrichtung zum Versorgen einer Brennkraftmaschine mit Kraftstoff aus einem Vorratsbehälter

Title (fr)

Dispositif pour alimenter un moteur à combustion en carburant à partir d'un réservoir

Publication

EP 0665372 B1 19961127 (DE)

Application

EP 94120795 A 19941228

Priority

DE 4402224 A 19940126

Abstract (en)

[origin: EP0665372A1] A delivery pump insertable via an aperture (20) with a closure is fitted in the tank (12). The aperture contains a pressure control with a pressure chamber (40) with a coupling to the pump, the IC engine, and to a relief chamber. The pressure control has a spring-loaded closure member (52) in the connection to the relief chamber. The closure member releases the connection to the relief chamber, via a seat (51), on excess of a preset pressure. The closure has a plastics, flanged main body (30) with a depression penetrated by a branch (45) integral with the main body. The depression is covered by an elastically deformable diaphragm to form the pressure chamber.

IPC 1-7

F02M 37/10; B60K 15/01

IPC 8 full level

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CPC (source: EP US)

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