

Title (en)

Device for delivering fuel from a tank to an internal combustion engine of a vehicle

Title (de)

Vorrichtung zum Fördern von Kraftstoff aus einem Vorratsbehälter zur Brennkraftmaschine eines Kraftfahrzeugs

Title (fr)

Dispositif d'alimentation de combustible d'un réservoir vers un moteur à combustion interne d'un véhicule automobile

Publication

EP 0694691 B1 19970903 (DE)

Application

EP 95110247 A 19950630

Priority

DE 4426667 A 19940728

Abstract (en)

[origin: EP0694691A1] The fuel supply device is fitted between the engine and a main tank (10) containing a back-up tank (4), to which fuel is supplied by a jet pump (24) connected to a return lead (22) from the engine. The pump has a jet (48) in a recess (32) in the back-up tank. The pump has an overflow aperture (54) between its input aperture (49) and the jet drive aperture (52). The overflow aperture is connected to a connector (38) projecting into the back-up tank. The connector has a seat (40) on the end, which can be closed by a closer (42). There is a leaf spring (46) in the tank to press the closer to the seat, thus acting as an overflow valve (25) for the overflow aperture. <IMAGE>

IPC 1-7

F02M 37/02; **F02M 37/10**

IPC 8 full level

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CPC (source: EP US)

F02M 37/025 (2013.01 - EP US); **F02M 37/106** (2013.01 - EP US)

Cited by

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