

Title (en)

Fuel supply for a multicylinder internal combustion engine

Title (de)

Kraftstoffversorgung für eine mehrzylindrige Verbrennungskraftmaschine

Title (fr)

Alimentation en combustible pour un moteur à combustion interne multicylindre

Publication

EP 0618358 B1 19970806 (DE)

Application

EP 94103645 A 19940310

Priority

- DE 4310408 A 19930331
- US 21534994 A 19940321

Abstract (en)

[origin: DE4310408C1] There are two fuel quantity distributors (1.1, 1.2), and in the second receiving hole (7) of the second quantity distributor (1.2) is accommodated a pressure check connection (10). The pressure regulating valve (9) and the pressure test connection have conformable connecting areas for fitment in the fuel quantity distributors. The pressure check connection in the second accommodation hole of the first fuel quantity distributor (1.1) in the fuel flow direction (12) and the pressure regulating valve in the second accommodation hole of the second fuel quantity distributor (1.2) are arranged in a fluid tight manner. The fuel quantity distributors are made of a fuel and heat-resistant polymer material. ADVANTAGE - The arrangement is very simple and cost-effective, with deviations in pressure within the fuel supply system being recognised as faults.

IPC 1-7

F02M 69/46

IPC 8 full level

F02M 55/02 (2006.01); **F02M 69/46** (2006.01); **F02M 69/50** (2006.01); **F02M 69/54** (2006.01)

CPC (source: EP US)

F02M 55/025 (2013.01 - EP US); **F02M 69/465** (2013.01 - EP US); **F02M 69/50** (2013.01 - EP US); **F02M 69/54** (2013.01 - EP US)

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