

Title (en)

Fuel pump with capacity control

Title (de)

Kraftstoffhochdruckpumpe mit Fördermengenregelung

Title (fr)

Système de contrôle de capacité d'une pompe à combustible

Publication

EP 1353071 A2 20031015 (DE)

Application

EP 02027253 A 20021206

Priority

DE 10216205 A 20020412

Abstract (en)

The pump has at least two pump elements (3) for delivering fuel into a high-pressure connection (25) and at least one controllable hydraulic connection (29) between two pump elements. The hydraulic connection is controlled by at least one control valve, especially a 2/2-way valve. Several control valves can be arranged in parallel and operated by an actuator, especially an electromagnetic actuator or a piezoelectric actuator.

Abstract (de)

Es wird eine Kraftstoffhochdruckpumpe (1) vorgeschlagen, bei der durch einen Druckausgleich zwischen den Pumpenelementen (3) eine Regelung der Fördermenge stufenlos zwischen 0 und 100 % erfolgen kann. <IMAGE>

IPC 1-7

F04B 49/12; **F04B 1/04**

IPC 8 full level

F04B 1/04 (2006.01); **F04B 49/12** (2006.01)

CPC (source: EP US)

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