

Title (en)

Fuel supply system for a combustion engine

Title (de)

Kraftstoffversorgungsanlage für eine Brennkraftmaschine

Title (fr)

Système d'alimentation en carburant pour un moteur à combustion

Publication

EP 1124054 B1 20060329 (DE)

Application

EP 01101901 A 20010127

Priority

DE 10005589 A 20000209

Abstract (en)

[origin: EP1124054A2] The fuel system for an internal combustion motor, to feed the fuel from the fuel tank (1) to the motor, has a fuel pump (2) to move the fuel through the fuel line (3). A pressure control unit (12) sets the fuel feed pressure level selectively, according to the motor needs and its condition. The pressure control (12) is in the fuel feed line (3). The fuel pump is in two assemblies (2a,2b) which operate either in series or in parallel, according to the pressure level set by the pressure control (12). The pump assemblies (2a,2b) are switched automatically or by a change-over valve.

IPC 8 full level

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CPC (source: EP)

F02M 37/0052 (2013.01); **F02M 37/0094** (2013.01); **F02M 37/18** (2013.01)

Citation (examination)

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Cited by

EP1978237A1; CN102159821A; EP1555423A3; EP1923562A1; EP1799992A4; US7603986B2; EP1555423A2; WO2010032121A3; WO02099264A1; US7500473B2

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