

Title (en)  
Fuel supply arrangement

Title (de)  
Kraftstoffversorgungsanlage

Title (fr)  
Système d'alimentation en carburant

Publication  
**EP 1180595 B1 20050615 (DE)**

Application  
**EP 01117817 A 20010721**

Priority  
DE 10039773 A 20000816

Abstract (en)  
[origin: EP1180595A2] An electric low-pressure pump (6) delivers fuel from the fuel tank (2) to a camshaft-driven high-pressure pump (12). Excess fuel is normally returned to the tank via a shutoff valve (30) from the fuel line (10). If the heat of the engine via the high volume pump raises the temperature in the fuel supply line above a specific threshold, the excess fuel valve is closed. Fuel is then fed from the fuel reservoir (44) via a valve (50) back to the fuel tank.

IPC 1-7  
**F02M 37/20**; **F02M 63/02**; **F02M 69/46**; **F02M 55/02**

IPC 8 full level  
**F02M 37/20** (2006.01); **F02M 37/00** (2006.01); **F02M 37/06** (2006.01); **F02M 55/02** (2006.01); **F02M 63/02** (2006.01); **F02M 69/46** (2006.01); **F04B 23/10** (2006.01); **F04B 49/24** (2006.01); **F02M 37/18** (2006.01)

CPC (source: EP US)  
**F02M 37/0052** (2013.01 - EP US); **F02M 37/20** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **F04B 23/103** (2013.01 - EP US); **F04B 23/12** (2013.01 - EP US); **F04B 49/24** (2013.01 - EP US); **F02M 37/18** (2013.01 - EP US)

Cited by  
EP3135902A1; EP1342912A3; EP1947321A4; CN108488014A; DE102005028931B4; US7341043B2; WO2013102467A1; US9394857B2

Designated contracting state (EPC)  
DE FR GB

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