

Title (en)

Fuel supply device for internal combustion engines

Title (de)

Kraftstoffzuführeinrichtung für Brennkraftmaschinen

Title (fr)

Dispositif d'alimentation de carburant pour moteurs à combustion interne

Publication

EP 1326020 B1 20060726 (DE)

Application

EP 02027602 A 20021210

Priority

DE 10160560 A 20011210

Abstract (en)

[origin: EP1326020A2] The system has a fuel tank, a fuel filter, a fuel return system into the tank (1) and a high pressure generator that pressurizes the fuel to at least 1000 bar. A gas separator (5) is arranged before the high pressure generator (9) between the fuel filter and the high pressure generator. A return line of the high pressure generator opens into the upper region of the gas separator.

IPC 8 full level

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CPC (source: EP)

F02D 33/006 (2013.01); **F02M 37/0047** (2013.01); **F02M 37/0052** (2013.01); **F02M 37/20** (2013.01); **F02M 55/001** (2013.01); **F02M 69/54** (2013.01); **F02M 41/14** (2013.01)

Cited by

DE102007049582B4; US9316187B2; DE102007049582A1; WO2012099920A1

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DE FR GB

DOCDB simple family (publication)

EP 1326020 A2 20030709; **EP 1326020 A3 20040908**; **EP 1326020 B1 20060726**; DE 10160560 A1 20030626; DE 50207627 D1 20060907

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