

Title (en)

Fuel feed apparatus having suction filter

Title (de)

Kraftstoffördervorrichtung mit Ansaugfilter

Title (fr)

Dispositif d'alimentation de carburant avec filtre d'admission

Publication

**EP 1803925 A1 20070704 (EN)**

Application

**EP 06125398 A 20061205**

Priority

JP 2005377361 A 20051228

Abstract (en)

A fuel feed apparatus (20) includes two-circuit inlet lines that connect a fuel tank (2) with a pumping device (12). The pumping device (12) is outside of the fuel tank (2). The fuel feed apparatus (20) includes a fuel pump (30) that is received in the fuel tank (2). The fuel pump (30) constructs one inlet line of the two-circuit inlet lines for pumping fuel from the fuel tank (2). A pump suction filter (32) is provided to an upstream end of the one inlet line. The pump suction filter (32) connects with an inlet of the fuel pump (30) for removing foreign matters contained in fuel drawn into the fuel pump (30). A fuel pipe (70) constructs an other inlet line of the two-circuit inlet lines for introducing fuel from the fuel tank (2) toward the pumping device (12). A pipe suction filter (72) is provided to an upstream end of the other inlet line. The pipe suction filter (72) connects with an inlet of the fuel pipe (70) for removing foreign matters contained in fuel drawn into the fuel pipe (70).

IPC 8 full level

**F02M 37/10** (2006.01); **F02M 37/02** (2006.01)

CPC (source: EP)

**F02M 37/0094** (2013.01); **F02M 37/025** (2013.01)

Citation (search report)

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FR3056258A1

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK YU

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**EP 1803925 A1 20070704**; **EP 1803925 B1 20080827**; DE 602006002482 D1 20081009; JP 2007177700 A 20070712; JP 4370528 B2 20091125

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