

Title (en)

FUEL SUPPLY SYSTEM FOR A MOTOR VEHICLE

Title (de)

KRAFTSTOFFANLAGE FÜR EIN KRAFTFAHRZEUG

Title (fr)

SYSTEME D'ALIMENTATION EN CARBURANT POUR VEHICULE

Publication

EP 1078155 B1 20040915 (DE)

Application

EP 00914091 A 20000225

Priority

- DE 19911068 A 19990312
- EP 0001599 W 20000225

Abstract (en)

[origin: DE19911068A1] A fuel supply system (1) for a motor vehicle is known in which the fuel flows through the fuel filter (6) of the fuel supply system in one direction only. In such a system, any sediments (10) that are present in the fuel are deposited on the filter material (8) so that the flow resistance of the filter material is gradually increasing. The aim of the invention is to provide a fuel supply system for a motor vehicle in which the flow resistance of the fuel filter remains virtually constant. To this end, a sedimentation pan (9) is provided in a housing of the fuel filter (6) below the filter material (8) which is mounted in the housing (7) in which pan the sediments (10) filtered off from the fuel (4) are deposited. An accumulator (15) is mounted in the fuel supply system that allows that the fuel (4) stored in the accumulator (15) scavenges the fuel filter (6) once the engine is switched off.

IPC 1-7

F02M 37/00

IPC 8 full level

F02M 37/00 (2006.01); **F02M 37/38** (2019.01); **F02M 69/00** (2006.01); **F02D 33/00** (2006.01); **F02M 37/34** (2019.01); **F02M 69/54** (2006.01)

CPC (source: EP US)

F02M 37/0047 (2013.01 - EP US); **F02M 37/0058** (2013.01 - EP US); **F02M 37/38** (2018.12 - EP US); **F02D 33/006** (2013.01 - EP US); **F02M 37/34** (2018.12 - EP US); **F02M 69/54** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19911068 A1 20000914; DE 50007749 D1 20041021; EP 1078155 A1 20010228; EP 1078155 B1 20040915; JP 2002539369 A 20021119; US 6786085 B1 20040907; WO 0055489 A1 20000921

DOCDB simple family (application)

DE 19911068 A 19990312; DE 50007749 T 20000225; EP 0001599 W 20000225; EP 00914091 A 20000225; JP 2000605090 A 20000225; US 70017200 A 20001228