Title (en)

Fuel feed apparatus

Title (de)

Brennstoffzufuhrgerät

Title (fr)

Appareil d'alimentation en carburant

Publication

EP 1045132 A3 20010307 (EN)

Application

EP 00108268 A 20000414

Priority

- JP 10952899 A 19990416
- JP 10953099 A 19990416

Abstract (en)

[origin: EP1045132A2] In a fuel feed apparatus comprising a fuel pump 5, a strainer 6 and a pressure regulator 7, said fuel pump 5 and at least either of said strainer 6 and said pressure regulator 7 being arranged in a fuel tank, a holder 9 is arranged at an upper portion of reservoir 4b mounted in said fuel tank in order to hold the fuel pump 5 and the strainer 6 or the pressure regulator 7. The fuel pump 5 and the strainer 6 or the pressure regulator 7 are connected by a coupling cover 11 so that they may be held in position by the holder 9 and the coupling cover 11. The coupling cover 11 contains a check valve 20 in it. A thermistor 24 is arranged within the fuel tank 2 in order to detect the volume of fuel left in the fuel tank 2. The thermistor 24 is held within the fuel tank 2 by a thermistor arm 26 made of an electrically conductive material. The thermistor arm 26 is connected to the strainer 6 at an end thereof and to the grounding terminal of the thermistor 24 at the other end thereof where an earth-connecting section 26a is arranged. Thus, the thermistor arm 26 operates also as the grounding terminal of the strainer 6 so that the thermistor 24 and the strainer 6 share a common grounding terminal. <IMAGE>

IPC 1-7

F02M 37/10

IPC 8 full level

F02M 37/10 (2006.01)

CPC (source: EP)

F02M 37/103 (2013.01); **F02M 37/106** (2013.01)

Citation (search report)

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DOCDB simple family (application)

EP 00108268 A 20000414; CN 00106583 A 20000414; TW 89106292 A 20000406