

Title (en)  
Fuel feed apparatus

Title (de)  
Brennstoffzufuhrgerät

Title (fr)  
Appareil d'alimentation en carburant

Publication  
**EP 1045132 A2 20001018 (EN)**

Application  
**EP 00108268 A 20000414**

Priority

- JP 10952899 A 19990416
- JP 10953099 A 19990416

Abstract (en)  
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 (applicant)

- JP H09112374 A 19970428 - KURATA KK
- JP H08232792 A 19960910 - NIPPON DENSO CO
- JP H10220315 A 19980818 - UNISIA JECS CORP, et al

Cited by  
CN104154842A; US7698936B2; WO03044357A1

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**EP 1045132 A2 20001018**; **EP 1045132 A3 20010307**; **EP 1045132 B1 20051214**; CN 1195651 C 20050406; CN 1270899 A 20001025; TW 493038 B 20020701

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