Title (en)

FUEL SUPPLY DEVICE

Publication

EP 0297256 B1 19920722 (DE)

Application

EP 88107670 A 19880513

Priority

DE 3721977 A 19870703

Abstract (en)

[origin: EP0297256A2] 2.1 Fuel supply devices are known in which height tolerances of the fuel tanks used are compensated for by axial displacement capability of the electrical fuel supply pump, but the generation of noise is not adequately prevented by the use of damping elements. With the new fuel supply device this disadvantage is largely avoided. 2.2 For this reason the invention proposes that the electrical fuel pump be connected by sound-insulating damping elements, by way of a telescopic guide so that it is axially displaceable, to the pressure and return line. The return line, divided into a top and bottom section, is supported by way of a compression spring on the tank cap and on the tank base, the fuel supply pump being resiliently connected in a sound-insulating manner via sound-damping means to the bottom section of the return line on the one hand and to the pressure line on the other hand. 2.3 By using this fuel supply device, height tolerance compensation and extensive sound insulation are achieved. <IMAGE>

IPC 1-7

F02M 37/10

IPC 8 full level

F02M 37/10 (2006.01)

CPC (source: EP)

F02M 37/10 (2013.01)

Cited by

FR2640555A1; EP0558110A1; FR2645476A1; EP0425105A1; AU609665B1; FR2757572A1; US6125825A; EP0965748A1; FR2779773A1; DE10027991B4; EP0532427A1; FR2681294A1; US10215614B2; WO2011138191A1; WO2009102822A1; WO9828536A1; US10173521B2; US10247597B2; US8684032B2; EP1162100A2; US6640832B2

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