

Title (en)

DEVICE FOR CONTROLLING THE SUPPLY OF LIQUID FUELS TO A FLOW MEASURING INSTRUMENT

Publication

**EP 0473818 B1 19930602 (DE)**

Application

**EP 90116933 A 19900904**

Priority

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Abstract (en)

[origin: EP0473818A1] The invention relates to a device for controlling the supply of liquid fuels to a flow measuring instrument for dispensing fuels, having a gas separator (4), arranged between a fuel pump (2) and the flow measuring instrument, and having a valve (13), which interrupts the flow to the flow measuring instrument and is controlled as a function of the amount of gas in a fuel jet which is generated by a nozzle (14) and branches off from the fuel flow downstream of the pressure joint (3) of the fuel pump (2). To achieve inexpensive manufacture of such a device using wear-free and simple components and at the same time to increase its functional reliability, the nozzle (14) is directed at a sensor (15) which converts the pressure of the fuel jet into an electrical signal and controls the valve, in the form of a solenoid valve (13), in the line leading to the flow measuring instrument, via an electronic evaluation circuit (17). <IMAGE>

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IPC 8 full level

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Cited by

US5884809A; CN1037085C; US5363988A; EP0532202A3; EP1742026A1; US6179163B1; US7963423B2; US6975964B2; US7814942B2; WO2011122965A3; WO9511193A1; WO0076910A1; WO2005036291A1; WO9850303A1

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