

Title (en)

A fuel-supply system for an internal-combustion engine

Title (de)

Brennstoffversorgungssystem für einen Verbrennungsmotor

Title (fr)

Système d'alimentation de carburant pour moteur à combustion interne

Publication

EP 2256334 B1 20120502 (EN)

Application

EP 09425198 A 20090521

Priority

EP 09425198 A 20090521

Abstract (en)

[origin: EP2256334A1] A fuel-supply system (1) for an internal-combustion engine has a high-pressure pump (7) that receives fuel from a low-pressure pump (7) through a pipe (10) provided with a solenoid valve (27) of an on-off type; the solenoid valve has an open/close element (40) that translates along an axis (33) between an opening position and a closing position under the opposite actions of an electric actuator (43) and a spring (42); in the closing position, under the thrust of the spring (42), the open/close element (40) closes an axial inlet (32) and inhibits passage of fuel towards an outlet (38), which is provided in a radial direction and communicates with at least one intake valve (25) of the high-pressure pump (7).

IPC 8 full level

F02M 59/36 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 59/366 (2013.01); **F02M 63/0015** (2013.01)

Cited by

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