

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

EP2508744A1; CN102734019A; ITBO20110183A1; US8474436B2

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