

Title (en)

Fuel nozzle with device for extracting fuel steams

Title (de)

Zapfventil mit Einrichtung zur Absaugung von Kraftstoffdämpfen

Title (fr)

Buse de distribution dotée d'un dispositif d'aspiration de vapeur de carburant

Publication

EP 2163513 B1 20111012 (DE)

Application

EP 09010761 A 20090821

Priority

DE 102008047523 A 20080916

Abstract (en)

[origin: EP2163513A2] The nozzle i.e. petrol pump nozzle (1), has a float slidably supported outside an operating magnet housing. The float is acted on by inflowing fuel, and movable from a starting position against effect of a return spring. The float has a float magnet and is magnetically coupled with an actuation magnet. An operating magnet continuously opens and closes a gas valve i.e. proportional valve, based on displacement of the operating magnet. The actuation and the operating magnets are formed as permanent magnets.

IPC 8 full level

B67D 7/54 (2010.01)

CPC (source: EP)

B67D 7/54 (2013.01); **B67D 2007/545** (2013.01)

Cited by

EP3978425A1; CN107176583A; WO2011037958A1; US8371341B2

Designated contracting state (EPC)

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