

Title (en)

Fuel injection system with ventilation device

Title (de)

Kraftstoffeinspritzsystem mit Entlüftungsvorrichtung

Title (fr)

Système d'injection de carburant avec dispositif de dégazage

Publication

EP 1726816 A3 20070620 (DE)

Application

EP 06113974 A 20060516

Priority

DE 102005023706 A 20050523

Abstract (en)

[origin: DE102005023706B3] The fuel injection system has a fuel pump unit (1, 2) with a feed pump (1) and a high-pressure fuel pump (2). It also has a fuel filter (4) and a venting device (5) between the pump unit and the filter. The venting device is in the form of a path valve (5'). The path valve combines the venting function with measurement of the temperature of the fluid flow. For this purpose, the path valve includes a temperature sensor (6).

IPC 8 full level

F02M 37/00 (2006.01)

CPC (source: EP)

F02M 37/18 (2013.01); **F02M 37/20** (2013.01)

Citation (search report)

- [DYA] DE 10345225 A1 20050428 - SIEMENS AG [DE]
- [YA] DE 19714488 C1 19980903 - SIEMENS AG [DE]
- [YA] GB 2202903 A 19881005 - DAIMLER BENZ AG
- [YA] EP 1209349 A2 20020529 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

DE 102005023706 B3 20060907; EP 1726816 A2 20061129; EP 1726816 A3 20070620

DOCDB simple family (application)

DE 102005023706 A 20050523; EP 06113974 A 20060516