

Title (en)

A fuel supply device of an engine.

Title (de)

Kraftstoffversorgungsvorrichtung eines Motors.

Title (fr)

Dispositif d'alimentation en carburant d'un moteur.

Publication

EP 0377784 B2 19950712 (EN)

Application

EP 89116036 A 19890830

Priority

JP 384989 A 19890112

Abstract (en)

[origin: EP0377784A1] A fuel supply device comprising a pressurized air passage, a nozzle opening (24) formed at a tip end of the pressurized air passage to inject fuel and pressurized air, a valve for opening or closing the nozzle opening (24), a fuel injector (36) for injecting fuel in the pressurized air passage (38), and a guide member (39) arranged in the pressurized air passage between the nozzle opening (24) and the fuel injector (36). The guide member (39) has at least three contacting faces (39a) which are in contact with a cylindrical inner wall (22) of the pressurized air passage, and at least three substantially flat faces (39b) each extending approximately in a straight line between the contacting faces (39a) which are located on each side of the flat face to form a narrow passage (40) between the cylindrical inner wall (22) of the pressurized air passage and the flat face (39b).

IPC 1-7

F02M 67/12; **F02M 69/08**; **F02M 67/02**

IPC 8 full level

F02M 67/02 (2006.01); **F02M 67/12** (2006.01); **F02M 69/08** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)

F02M 67/02 (2013.01); **F02M 67/12** (2013.01); **F02M 69/08** (2013.01); **F02B 2075/025** (2013.01)

Cited by

EP0490418A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0377784 A1 19900718; **EP 0377784 B1 19920812**; **EP 0377784 B2 19950712**; AU 4087389 A 19900719; AU 608997 B2 19910418; DE 58902044 D1 19920917; DE 58902044 T2 19951130

DOCDB simple family (application)

EP 89116036 A 19890830; AU 4087389 A 19890829; DE 58902044 T 19890830