

Title (en)

Arrangement of a fuel injection engine having aerated injectors

Title (de)

Anordnung eines Kraftstoffeinspritzmotors mit belüfteten Einspritzdüsen

Title (fr)

Agencement de moteur à injection d'essence comportant des injecteurs ventilés

Publication

EP 0666417 B1 19980506 (FR)

Application

EP 94403012 A 19941223

Priority

FR 9400176 A 19940110

Abstract (en)

[origin: EP0666417A1] The fuel injected engine is of the type that consists of fuel injectors (42), with associated combustion chambers (30). A rigid case (50) is linked to the ends (48) of the supply line to the fuel injectors, forming a channel (58) for the provision of fuel to the injectors. A circuit, for the ventilation of the injector nozzles (44), is formed by a channel (52) for the provision of air. The channel is fitted with orifices (54), which open in the vicinity of the injector nozzles, and is connected to the main ventilation circuit by means of an air feed pipe (60), which is integral with the rigid case (50), carrying the fuel and air supply.

IPC 1-7

F02M 69/46; **F02M 69/08**

IPC 8 full level

F02F 7/00 (2006.01); **F02M 69/04** (2006.01); **F02M 69/08** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)

F02F 7/006 (2013.01); **F02M 69/047** (2013.01); **F02M 69/08** (2013.01); **F02M 69/465** (2013.01)

Cited by

FR2804723A1; US6148799A; FR2779681A1; WO9730282A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0666417 A1 19950809; **EP 0666417 B1 19980506**; DE 69410074 D1 19980610; DE 69410074 T2 19990107; FR 2714934 A1 19950713; FR 2714934 B1 19960329

DOCDB simple family (application)

EP 94403012 A 19941223; DE 69410074 T 19941223; FR 9400176 A 19940110