

Title (en)

Apparatus for delivering fuel with vented injectors

Title (de)

Brennstoffzufuhrvorrichtung mit belüfteten Einspritzdüsen

Title (fr)

Dispositif d'alimentation en combustible à injecteurs aérés

Publication

**EP 0598650 B1 19970212 (FR)**

Application

**EP 93402759 A 19931112**

Priority

FR 9213750 A 19921116

Abstract (en)

[origin: EP0598650A1] The delivery device comprises injectors (34), an electronic box for controlling the injectors, and a butterfly body (8). Each injector includes a body fitted with means for fastening into a housing emerging in the pipe and a tip pierced with an outlet passage for the fuel, delimiting a mixing chamber connected to an air inlet. The device has an auxiliary air pipe (18), the inlet of which is situated upstream of the butterfly, where the flow rate can be adjusted by a solenoid valve (20) and which conveys the air which has passed through the auxiliary air solenoid valve to the mixing chamber of the injectors and to an additional solenoid valve (74) emerging downstream of the butterfly (10). <IMAGE>

IPC 1-7

**F02M 69/30**; **F02M 69/32**; **F02M 69/04**

IPC 8 full level

**F02M 23/08** (2006.01); **F02M 23/10** (2006.01); **F02M 69/00** (2006.01); **F02M 69/04** (2006.01); **F02M 69/30** (2006.01); **F02M 69/32** (2006.01)

CPC (source: EP US)

**F02M 69/047** (2013.01 - EP US); **F02M 69/30** (2013.01 - EP US); **F02M 69/32** (2013.01 - EP US)

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DE ES GB IT SE

DOCDB simple family (publication)

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