

Title (en)
Apparatus for injecting fuel-gas mixture

Title (de)
Vorrichtung zur Einspritzung eines Brennstoff-Gas-Gemisches

Title (fr)
Dispositif d'injection d'un mélange combustible-gaz

Publication
EP 0728942 B1 19990331 (DE)

Application
EP 95115819 A 19951007

Priority
DE 19505886 A 19950221

Abstract (en)
[origin: EP0728942A1] The mixture is of fuel and gas, the injection valve being pref. solenoid-operated and having a plug working against a seat at the downstream end. Downstream of the seat is a spray opening, followed by a mixture spray opening. The multipart preparation body (61) comprises a gas-enclosing portion (48) and an insert (60). The latter is downstream of one or more first spray openings (25) and contains the mixture-spray opening (78). A passage (79) in the insert and connected to the latter opening widens in the downstream direction. The gas-enclosing portion is fixed to the insert and to the downstream end of the valve. The enclosing portion can be cup-shaped and of metal, while the insert tapers and is of plastic.

IPC 1-7
F02M 69/04; **F02M 69/08**; **F02M 51/06**

IPC 8 full level
F02M 51/06 (2006.01); **F02M 51/08** (2006.01); **F02M 61/18** (2006.01); **F02M 69/04** (2006.01); **F02M 69/08** (2006.01)

CPC (source: EP US)
F02M 69/047 (2013.01 - EP US); **Y10S 239/90** (2013.01 - EP US)

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DE ES FR GB IT

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