

Title (en)  
FUEL INJECTION VALVE

Publication  
**EP 0310819 B1 19910918 (DE)**

Application  
**EP 88114577 A 19880907**

Priority  
DE 3733604 A 19871005

Abstract (en)  
[origin: EP0310819A1] Perforated bodies are fixed in known fuel injection valves downstream of the valve sealed seat and are provided with ejecting apertures, the size of which proportions the amount of fuel injected. The new perforated body is intended to permit simple adjustment of the size of these ejecting apertures. <??>The perforated body (55) has a plurality of ejecting apertures (54a, b), which proportion the amount of fuel flowing through by virtue of their geometry and align the injected jet of fuel. The length of individual ejecting apertures (54b) is determined by making reliefs (80) (slots, blind holes, tapered incisions) in flat sides (59, 62) of the perforated body (55). <??>The perforated body is suitable for use in fuel injection valves for fuel injection systems of internal combustion engines. <IMAGE>

IPC 1-7  
**F02M 51/08**; **F02M 61/18**

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

CPC (source: EP KR US)  
**F02M 51/0678** (2013.01 - EP US); **F02M 51/08** (2019.01 - EP US); **F02M 61/18** (2013.01 - KR); **F02M 61/1853** (2013.01 - EP US)

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DE10142299A1; AU607871B2; CN104736835A; EP1108885A3; KR100482712B1; WO2019042627A1; WO9203652A1; WO9203651A1; WO9834026A1; US6170763B1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0310819 A1 19890412**; **EP 0310819 B1 19910918**; BR 8805099 A 19890516; DE 3733604 A1 19890413; DE 3864967 D1 19911024; JP 2610961 B2 19970514; JP H01116280 A 19890509; KR 890006972 A 19890617; KR 960013110 B1 19960930; US 4890794 A 19900102

DOCDB simple family (application)  
**EP 88114577 A 19880907**; BR 8805099 A 19881004; DE 3733604 A 19871005; DE 3864967 T 19880907; JP 24266888 A 19880929; KR 880012962 A 19881005; US 24266388 A 19880912