

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>

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F02M 51/08; **F02M 61/18**

IPC 8 full level
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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)

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

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