

Title (en)
Fuel injection nozzle.

Title (de)
Kraftstoffeinspritzdüse.

Title (fr)
Buse d'injection de combustible.

Publication
EP 0370659 A1 19900530 (EN)

Application
EP 89311599 A 19891109

Priority
GB 8827107 A 19881119

Abstract (en)
A fuel injection nozzle has a fuel pressure actuated valve member 13 shaped to co-operate with a seating 12 to control fuel flow through an outlet orifice 14 extending from a space 11 downstream of the seating 12. The orifice 14 at its inner end is radiused the radius lying between 0.3 and 0.75 of the diameter of the orifice at the region of greatest separation of the fuel as it flows into the orifice and between .05 and 0.2 of the diameter of the orifice in the region of least separation of the fuel.

IPC 1-7
F02M 61/18

IPC 8 full level
F02M 61/18 (2006.01)

CPC (source: EP)
F02M 61/1846 (2013.01)

Citation (search report)
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• [A] FR 2352957 A1 19771223 - SULZER AG [CH]
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