

Title (en)
Fuel injection nozzle.

Title (de)
Kraftstoffeinspritzdüse.

Title (fr)
Injecteur de combustible.

Publication
EP 0274260 A1 19880713 (EN)

Application
EP 87311233 A 19871221

Priority
GB 8700429 A 19870109

Abstract (en)
A fuel injection nozzle for supplying fuel to an internal combustion engine includes a valve member (18) slidable in a bore (12) and loaded by a spring (22) to the closed position. The valve member (18) is lifted from a seating (13) by fuel under pressure supplied through an inlet (16). A piston (26) is also subjected to this pressure and controls the position of an abutment (24) for the spring (22). The piston (26) and a stop (30) to limit the movement of the piston (26) is housed in an insert (28) adjustably mounted in a body part (10) of the nozzle. The stop (30) is also adjustable relative to the insert (28).

IPC 1-7
F02M 61/20

IPC 8 full level
F02M 61/10 (2006.01); **F02M 61/16** (2006.01); **F02M 61/20** (2006.01)

CPC (source: EP)
F02M 61/205 (2013.01)

Citation (search report)
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• [A] DE 3409924 A1 19841011 - AVL VERBRENNUNGSKRAFT MESSTECH [AT]
• [A] GB 787635 A 19571211 - TEXACO DEVELOPMENT CORP
• [Y] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 92 (M-373)[1815], 20th April 1985; & JP-A-59 218 359 (MITSUBISHI JUKOGYO K.K.) 08-12-1984

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