

Title (en)
FUEL INJECTION NOZZLE

Publication
EP 0404407 B1 19921216 (EN)

Application
EP 90306280 A 19900608

Priority
GB 8914478 A 19890623

Abstract (en)
[origin: EP0404407A1] A fuel injection nozzle includes a nozzle body 10 in which is formed a blind bore 11 at the blind end of which is a seating 12 leading into a sac volume 13 from which extends an outlet orifice 15. A valve member 16 is slidable in the bore and has a conical tip 18 engageable with the seating. The wall of the entrance 14A to the sac volume is formed concentric with the seating 12 after the nozzle body has been hardened. The bore and the sac volume are machined before the nozzle body is hardened.

IPC 1-7
F02M 61/18

IPC 8 full level
F02M 61/18 (2006.01)

CPC (source: EP)
F02M 61/18 (2013.01)

Citation (examination)
EP 0283154 A1 19880921 - LUCAS IND PLC [GB]

Cited by
CN103764999A; EP1712776A1; CN102132030A; GB2308408A; GB2308408B; GB2545195A; EP0982493A1; CN1119524C; US6322007B1; US9677521B2; WO2013033737A1; WO2010023016A1

Designated contracting state (EPC)
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