

Title (en)
FUEL INJECTION PUMP FOR INTERNAL COMBUSTION ENGINES ESPECIALLY DIESEL ENGINES

Publication
EP 0057674 B1 19841212 (DE)

Application
EP 82890007 A 19820119

Priority
AT 45881 A 19810202

Abstract (en)
[origin: EP0057674A2] 1. Fuel injection pump for internal combustion engines, especially Diesel engines, in which pump and nozzle are combined in a unit injector, having a follower (1) for operating the plunger (2), a packing element (17) being provided at the location (3) of entry of the plunger (2) into the barrel (4) against ingress of abrasion particles into the annular gap between plunger (2) and barrel (4), characterised in that the packing element (17) is developed as a tubular part whose axis is arranged coaxially with the axis of the plunger (2), whose inner diameter is greater than the diameter of the plunger (2), and whose upper rim (18) in the uppermost position of the follower (1) developed as a hollow cylinder protrudes into the cavity (part 20) of the follower (1).

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IPC 8 full level
F02M 57/02 (2006.01); **F02M 59/44** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)
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Cited by
EP0369151A1; GB2290585A; US5567134A; GB2290585B

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EP 0057674 A2 19820811; **EP 0057674 A3 19820901**; **EP 0057674 B1 19841212**; AT 372502 B 19831025; AT A45881 A 19830215; DE 3261482 D1 19850124

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