

Title (en)
Injection valve

Title (de)
Einspritzventil

Title (fr)
Soupape d'injection

Publication
EP 0675283 B1 19980603 (DE)

Application
EP 95103810 A 19950316

Priority
DE 4411554 A 19940402

Abstract (en)
[origin: EP0675283A1] The valve closure element (7) is guided axially through an opening (15) in the seating (16) concentric with the base (20) of a trough-shaped perforated plate (21) of very hard material with a traction resistance exceeding 80 N/sq.mm. The plate is built into the valve so that the first surface (19) to be struck by the stamping die is positioned downstream from the second surface (44). The holes (25) are splayed and the flow of material is in the opposite direction to the stamping. <IMAGE>

IPC 1-7
F02M 61/16; **F02M 61/18**; **F02M 51/06**

IPC 8 full level
F02M 51/08 (2006.01); **F02M 51/06** (2006.01); **F02M 61/16** (2006.01); **F02M 61/18** (2006.01); **F02M 69/00** (2006.01)

CPC (source: EP US)
F02M 51/0682 (2013.01 - EP US); **F02M 61/166** (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **F02M 61/1853** (2013.01 - EP US); **Y10T 29/49432** (2015.01 - EP US)

Cited by
CN107842453A

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0675283 A1 19951004; **EP 0675283 B1 19980603**; DE 4411554 A1 19951005; DE 59502382 D1 19980709; ES 2117317 T3 19980801; JP H07279798 A 19951027; US 5626295 A 19970506

DOCDB simple family (application)
EP 95103810 A 19950316; DE 4411554 A 19940402; DE 59502382 T 19950316; ES 95103810 T 19950316; JP 7796395 A 19950403; US 41527295 A 19950403