

Title (en)
FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

Title (de)
KRAFTSTOFFEINSPRITZVENTIL FÜR BRENNKRAFTMASCHINEN

Title (fr)
INJECTEUR DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

Publication
EP 1623108 A1 20060208 (DE)

Application
EP 04704544 A 20040123

Priority

- DE 2004000101 W 20040123
- DE 10315967 A 20030408

Abstract (en)
[origin: DE10315967A1] A pressure chamber (19) has an inflow opening (30) in which the injecting duct (11) of a valve body (1) is arranged. The duct has conical sections (35,37), each narrowed along the flow direction and has different opening angles.

IPC 1-7
F02M 61/18

IPC 8 full level
F02M 61/18 (2006.01)

CPC (source: EP)
F02M 61/1833 (2013.01); **F02M 61/1846** (2013.01)

Citation (search report)
See references of WO 2004092576A1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
DE 10315967 A1 20041021; CN 1771390 A 20060510; DE 502004007360 D1 20080724; EP 1623108 A1 20060208; EP 1623108 B1 20080611; JP 2006522887 A 20061005; WO 2004092576 A1 20041028

DOCDB simple family (application)
DE 10315967 A 20030408; CN 200480009315 A 20040123; DE 2004000101 W 20040123; DE 502004007360 T 20040123; EP 04704544 A 20040123; JP 2006504224 A 20040123