

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Injecteur de carburant

Publication

EP 1312794 B1 20050126 (DE)

Application

EP 01127172 A 20011116

Priority

EP 01127172 A 20011116

Abstract (en)

[origin: EP1450035A2] Allocation of fuel to be injected into the engine takes place at the cylinder surface shell established by the radius of the valve closing body (4) and the height of a torsion chamber (37). The resulting cylinder surface shell is smaller than the cross-sectional area of the torsion channel (36) or the sum of the cross-sectional areas of the torsion channels of a torsion disk (35).

IPC 1-7

F02M 61/16; **F02M 51/06**

IPC 8 full level

F02M 51/06 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

F02M 51/0664 (2013.01); **F02M 61/162** (2013.01); **F02M 61/168** (2013.01); **F02M 61/165** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1450035 A2 20040825; **EP 1450035 A3 20040901**; DE 50105211 D1 20050303; EP 1312794 A1 20030521; EP 1312794 B1 20050126

DOCDB simple family (application)

EP 04010847 A 20011116; DE 50105211 T 20011116; EP 01127172 A 20011116