

Title (en)
Injection valve for a combustion engine

Title (de)
Einspritzventil für eine Brennkraftmaschine

Title (fr)
Injecteur pour un moteur à combustion

Publication
EP 1296054 B1 20050727 (DE)

Application
EP 02017581 A 20020807

Priority
DE 10146743 A 20010922

Abstract (en)
[origin: EP1296054A1] The injection valve for an internal combustion engine is particularly for a common rail fuel injection system and comprises a valve housing part (4) with an inner recess which has a circular cross-section, high pressure fuel issuing through a feed hole (16) into the recess. The feed hole with a part of its inner cross-section intersects the recess of the valve housing part. The feed hole with a section (36) which extends over the valve housing part (5) turned away from the connection (3) is connected with a supply hole (8), which is connected with the injection aperture of the injection valve.

IPC 1-7
F02M 47/02; **F02M 51/06**

IPC 8 full level
F02M 47/00 (2006.01); **F02M 47/02** (2006.01); **F02M 51/06** (2006.01); **F02M 55/00** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 55/008 (2013.01); **F02M 61/16** (2013.01); **F02M 47/027** (2013.01); **F02M 2200/03** (2013.01); **F02M 2547/003** (2013.01)

Cited by
CN106181236A; DE102007050993A1; US8245696B2; WO2005035970A1; WO2008128881A1

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