Title (en)
FUEL INJECTION VALVE

Title (de)
KRAFTSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
EP 1071877 A1 20010131 (DE)

Application
EP 99962097 A 19991130

Priority
- DE 9903782 W 19991130
- DE 19906266 A 19990215

Abstract (en)
[origin: DE19906266A1] The fuel injection valve has a bi-directionally displaceable valve element (1) for controlling a fuel outlet opening (4), a first opening surface (8) on the valve element for an opening pressure chamber (6) connected to a high pressure fuel source (10) and a first closure surface (11) for a closing pressure chamber (12) connected to the high pressure fuel source. An actuation arrangement (15,16,18,20,21) enables a second opening force to be introduced for opening the valve element that acts in addition to the first opening force exerted on the first opening surface.

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)

CPC (source: EP US)
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Citation (search report)
See references of WO 0049285A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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