

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
EP 1149237 B1 20030917 (DE)

Application
EP 00984851 A 20001021

Priority
• DE 0003731 W 20001021
• DE 19950760 A 19991021

Abstract (en)
[origin: DE19950760A1] The lifting unit (14) is a hermetically sealed unit compared to a valve inner chamber (41) and an housing (15) of the lifting unit (14), has at least one flexible section (16,17) in an axial direction. The housing (15) has a locally fixed section (42) connected with a valve housing (13) and first and second flexible sections (16,17). So that the first flexible section (16) is connected with the fixed section (42) and the first stroking piston (21) and the second flexible section (17) with the locally fixed section (42) and the second stroking piston (23) or is connected fixed by the valve needle (20) operated by the second stroking piston (23).

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

IPC 8 full level
F02M 51/06 (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01)

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Designated contracting state (EPC)
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