

Title (en)
INJECTION VALVE WITH COMPENSATING SURFACE

Title (de)
EINSPRITZVENTIL MIT EINER AUSGLEICHSFLÄCHE

Title (fr)
SOUPAPE D'INJECTION COMPORTANT UNE SURFACE DE COMPENSATION

Publication
EP 0966603 A1 19991229 (DE)

Application
EP 98964377 A 19981202

Priority
• DE 9803555 W 19981202
• DE 19757659 A 19971223

Abstract (en)
[origin: DE19757659C1] The injection valve has a housing (6) contg. an actuator (1) guided in a direction of motion and a positioning element (5) guided in a direction of motion. The control element interacts with the actuator via at least one curved surface. A compensation element (3) is movable mounted between the actuator and the positioning element which are both in contact with it. The compensation element has a curve inclined towards the actual (5) is in contact with it so that the contact point is accurately determined and hardly moves if the actuator or positioning element (5) is tilted.

IPC 1-7
F02M 51/06

IPC 8 full level
F02M 51/06 (2006.01); **F02M 59/46** (2006.01)

CPC (source: EP US)
F02M 51/0603 (2013.01 - EP US); **F02M 59/468** (2013.01 - EP US); **F02M 63/0026** (2013.01 - EP US); **F02M 2200/701** (2013.01 - EP US)

Citation (search report)
See references of WO 9934113A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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