Title (en)

FUEL INJECTOR

Title (de)

KRAFTSTOFFINJEKTOR

Title (fr)

INJECTEUR DE CARBURANT

Publication

EP 2235355 A1 20101006 (DE)

Application

EP 08871441 A 20081230

Priority

- EP 2008068342 W 20081230
- DE 102008005523 A 20080123

Abstract (en)

[origin: WO2009092508A1] The invention relates to an injector (1) for injecting fuel into a combustion chamber of an internal combustion engine, in particular a common rail injector, with an injection valve element (9) which can be adjusted between a closed position and an open position which allows fuel to flow into the combustion chamber depending on the fuel pressure in a control chamber (11) and a control valve (21) provided in the control chamber (11) having a control valve element (22) adjustable relative to a control valve seat (28) provided on an injector component (13) by means of an actuator (31) guided on the outer circumference thereof by means of a guide component (33). According to the invention, the guide component (33) contacts a second centering surface (39) of eh injector component (13) with a first centering surface (38).

IPC 8 full level

F02M 63/00 (2006.01); **F02M 47/02** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

F02M 47/027 (2013.01); **F02M 61/168** (2013.01); **F02M 63/007** (2013.01); **F02M 63/008** (2013.01); F02M 2200/80 (2013.01); F02M 2200/8076 (2013.01); F02M 2547/003 (2013.01)

Citation (search report)

See references of WO 2009092508A1

Cited by

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