

Title (en)

Fuel injector with optimised shutoff impact

Title (de)

Kraftstoffinjektor mit optimiertem Absteuerstoß

Title (fr)

Injecteur de carburant doté d'un amortisseur de chocs optimisé

Publication

**EP 2058507 B1 20111109 (DE)**

Application

**EP 08105392 A 20080919**

Priority

DE 102007052753 A 20071106

Abstract (en)

[origin: EP2058507A1] The valve (12) has a control chamber (54) formed in a valve piece (44) that is accommodated in an injector body (14), and a fuel injector (10) operated by pressure release or pressurization of the control chamber. An armature guide (38) is provided in the valve piece, and has a release opening (62) downstream to a valve seat (42). The release opening is arranged at the periphery of the armature guide in a non-radial position of an injector axis (22). Multiple control openings are formed on the periphery of the armature guide.

IPC 8 full level

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

CPC (source: EP)

**F02M 47/027** (2013.01); **F02M 63/0015** (2013.01); **F02M 2547/003** (2013.01)

Cited by

EP3431747A1; CN113795665A; WO2019154687A1; WO2010000528A1; WO2016134926A1

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