

Title (en)

Active armature lift setting of fuel injectors

Title (de)

Aktive Ankerhubeinstellung bei Kraftstoffinjektoren

Title (fr)

Arrangement actif de levée d'armature des injecteurs de carburant

Publication

**EP 1744054 A1 20070117 (DE)**

Application

**EP 06114059 A 20060517**

Priority

DE 102005032461 A 20050712

Abstract (en)

The method involves subjecting of the load on the armature pin in the closing position of the closing element (16), whereby the armature pin (21) causes the push, thereby changing the armature stroke. The fuel injector (1) comprises a solenoid valve with an integrated fuel recirculation (11) and an injector body with a valve piece (4).

IPC 8 full level

**F02M 61/16** (2006.01); **F02M 47/02** (2006.01); **F02M 59/46** (2006.01)

CPC (source: EP)

**F02M 47/025** (2013.01); **F02M 47/027** (2013.01); **F02M 61/161** (2013.01); **F02M 61/168** (2013.01); **F02M 63/0022** (2013.01); **F02M 63/0031** (2013.01); **F02M 63/022** (2013.01); **F02M 63/0015** (2013.01); **F02M 63/004** (2013.01); **F02M 63/0043** (2013.01); **F02M 2200/8092** (2013.01); **F02M 2200/9007** (2013.01); **F02M 2547/003** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1744054 A1 20070117**; **EP 1744054 B1 20080305**; AT E388323 T1 20080315; DE 102005032461 A1 20070125; DE 502006000423 D1 20080417

DOCDB simple family (application)

**EP 06114059 A 20060517**; AT 06114059 T 20060517; DE 102005032461 A 20050712; DE 502006000423 T 20060517