

Title (en)

Fuel injector with accumulator volume segment

Title (de)

Kraftstoffinjektor mit Speichervolumensegment

Title (fr)

Injecteur de carburant doté d'un segment de volume de stockage

Publication

EP 1918570 A3 20090902 (DE)

Application

EP 07115999 A 20070910

Priority

DE 102006051583 A 20061102

Abstract (en)

[origin: EP1918570A2] The fuel injector has a fuel injector element (23) formed in needle shape operated by an actuator. The fuel injector has a storage volume segment (40) formed integral in injector interconnection (13,20,22). The storage volume segment has an upper part (45) and a lower part (46).

IPC 8 full level

F02M 47/02 (2006.01)

CPC (source: EP)

F02M 47/027 (2013.01); **F02M 61/16** (2013.01); **F02M 2200/315** (2013.01); **F02M 2200/40** (2013.01); **F02M 2547/001** (2013.01)

Citation (search report)

- [X] WO 03016707 A1 20030227 - SIEMENS AG [DE]
- [X] WO 2004104403 A1 20041202 - BOSCH GMBH ROBERT [DE], et al
- [X] WO 2005085624 A1 20050915 - BOSCH GMBH ROBERT [DE], et al
- [A] US 2002040939 A1 20020411 - KATSURA RYO [JP], et al

Cited by

DE102014219199A1; EP2295787A1; US9897058B2; US9279402B2; WO2012058703A1; WO2011012519A1; US9447720B2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1918570 A2 20080507; **EP 1918570 A3 20090902**; **EP 1918570 B1 20170607**; DE 102006051583 A1 20080508

DOCDB simple family (application)

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