

Title (en)
FUEL INJECTOR

Title (de)
KRAFTSTOFFINJEKTOR

Title (fr)
INJECTEUR DE CARBURANT

Publication
EP 1907689 A1 20080409 (DE)

Application
EP 06762739 A 20060721

Priority
• EP 2006007187 W 20060721
• DE 102005035347 A 20050728

Abstract (en)
[origin: DE102005035347B3] At one of its ends, an injector needle (IN) (6) has a seating area in a nozzle/jet unit (7) and, at its other end, supports a bush (1) that sits on the IN's periphery and slides in relation to the IN. With springy support on the IN, the bush defines a control chamber (10) against a fuel injector's component linking on-axis to the nozzle/jet unit.

IPC 8 full level
F02M 61/16 (2006.01); **F02M 47/02** (2006.01)

CPC (source: EP KR)
F02M 47/027 (2013.01 - EP KR); **F02M 61/165** (2013.01 - EP KR); **F02M 61/168** (2013.01 - EP); **F02M 63/0031** (2013.01 - EP KR); **F02M 2200/02** (2013.01 - EP); **F02M 2200/27** (2013.01 - EP KR); **F02M 2200/90** (2013.01 - EP KR); **F02M 2547/001** (2013.01 - EP KR)

Citation (search report)
See references of WO 2007012433A1

Cited by
DE102011016168B4; DE102011016168A1; US10704444B2; WO2020040931A1

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

DOCDB simple family (publication)
DE 102005035347 B3 20060810; AT E426741 T1 20090415; DE 502006003278 D1 20090507; EP 1907689 A1 20080409; EP 1907689 B1 20090325; JP 2009503325 A 20090129; JP 4869345 B2 20120208; KR 101029214 B1 20110412; KR 20080034908 A 20080422; WO 2007012433 A1 20070201

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