

Title (en)

Fuel injectors and method of installing fuel injectors to an engine

Title (de)

Kraftstoffeinspritzventile und Verfahren zur Installation von Kraftstoffeinspritzventilen in einer Brennkraftmaschine

Title (fr)

Injecteurs à carburant et procédé d'installation d'injecteurs à carburant sur un moteur

Publication

EP 2017463 A3 20110413 (EN)

Application

EP 08160423 A 20080715

Priority

GB 0713788 A 20070716

Abstract (en)

[origin: EP2017463A2] A fuel injector (10) has an injector body (12) having a leading end (16), a trailing end (20), a fuel inlet passage (30) and a backleak passage (22) and a fitting (14) that fits onto said injector body at a position remote from the leading end. A chamber (60) for receiving fuel from the backleak passage is defined between the injector body and the fitting.

IPC 8 full level

F02M 55/02 (2006.01); **F02M 55/00** (2006.01); **F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

F02M 55/002 (2013.01); **F02M 55/005** (2013.01); **F02M 55/02** (2013.01); **F02M 61/14** (2013.01); **F02M 61/168** (2013.01)

Citation (search report)

- [XY] EP 1469188 A1 20041020 - GEN MOTORS CORP [US]
- [X] DE 10036137 A1 20020207 - SIEMENS AG [DE]
- [Y] US 5927254 A 19990727 - INO MASAO [JP], et al
- [X] GB 925937 A 19630515 - TATRA NP
- [XA] GB 2332927 A 19990707 - PERKINS ENGINES CO LTD [GB]
- [I] US 5878719 A 19990309 - NAKAGOMI AKIRA [JP]
- [A] US 6298814 B1 20011009 - PEARLMAN SAMUEL [US], et al
- [A] DE 10138698 A1 20020328 - HONDA MOTOR CO LTD [JP]

Cited by

EP3168453A1; US2012038142A1; US9109557B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2017463 A2 20090121; **EP 2017463 A3 20110413**; **EP 2017463 B1 20130508**; GB 0713788 D0 20070822

DOCDB simple family (application)

EP 08160423 A 20080715; GB 0713788 A 20070716