

Title (en)

SEALING DEVICE FOR A FUEL INJECTOR, AND SEALING METHOD

Title (de)

DICHTUNGSEINRICHTUNG FÜR EINEN KRAFTSTOFFINJEKTOR SOWIE VERFAHREN ZUM ABDICHTEN

Title (fr)

DISPOSITIF D'ETANCHEITE POUR INJECTEUR DE CARBURANT ET PROCEDE POUR REALISER UN ETANCHEITE

Publication

**EP 1848891 A1 20071031 (DE)**

Application

**EP 06706983 A 20060215**

Priority

- EP 2006001381 W 20060215
- DE 102005006818 A 20050215

Abstract (en)

[origin: US7559312B2] In order to create a fluid-tight seal relative to a seal seat edge (422), especially a cylinder head (40), in a sealing device for a fuel injector (1), particularly for a nozzle retaining nut (10) of the fuel injector (1), the sealing device has a sealing area (12) that is provided with a concave zone (122) having a radially circumferential concave outer contour (124) which can be made to sealingly rest against the seal seat edge (422).

IPC 8 full level

**F02M 61/14** (2006.01); **F02M 55/00** (2006.01); **F02M 61/12** (2006.01)

CPC (source: EP US)

**F02M 61/16** (2013.01 - EP US); **F02M 61/166** (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **F02M 2200/16** (2013.01 - EP US)

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)

**US 2008156298 A1 20080703; US 7559312 B2 20090714;** AT E464473 T1 20100415; CN 101146994 A 20080319; CN 101146994 B 20120829; DE 102005006818 A1 20060817; DE 502006006694 D1 20100527; EP 1848891 A1 20071031; EP 1848891 B1 20100414; JP 2008530427 A 20080807; JP 4664990 B2 20110406; WO 2006087186 A1 20060824

DOCDB simple family (application)

**US 81614706 A 20060215;** AT 06706983 T 20060215; CN 200680004995 A 20060215; DE 102005006818 A 20050215; DE 502006006694 T 20060215; EP 06706983 A 20060215; EP 2006001381 W 20060215; JP 2007554524 A 20060215