Title (en)

Sealing arrangement of a piezo actuator of a fuel injector

Title (de)

Abdichtungsanordnung eines Piezoaktors eines Kraftstoffinjektors

Title (fr)

Système d'étanchéité pour actionneur piezoélectrique d'injecteur de carburant

Publication

EP 1628015 B8 20071003 (DE)

Application

EP 04104652 A 20040924

Priority

DE 102004040491 A 20040820

Abstract (en)

[origin: EP1628015A1] The sealing device (10) has a head device (14), on which a sealing unit is mounted by means of projecting connecting pins (12). The sealing unit (18) is mounted on the head device. This unit has apertures through which the connecting pins can pass, and has a carrier (22) to which a sealing material (26) is applied closely round the connecting pins and the circumference of the head unit. Part (20) of it is made of micro-porous material.

IPC 8 full level

F02M 51/00 (2006.01); **F02M 61/16** (2006.01); **H10N 30/88** (2023.01)

CPC (source: EP US)

F02M 51/005 (2013.01 - EP US); **F02M 51/0603** (2013.01 - EP US); **F02M 55/007** (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **F16J 15/10** (2013.01 - EP US); **H10N 30/88** (2023.02 - EP US); F02M 63/0026 (2013.01 - EP US); F02M 63/0057 (2013.01 - EP US); F02M 2200/16 (2013.01 - EP US); F02M 2200/707 (2013.01 - EP US); F02M 2200/90 (2013.01 - EP US); F02M 2200/9015 (2013.01 - EP US)

Cited by

DE102010005159A1; FR2909137A1; DE102004042353B4; DE102004063292B4; DE102005051288A1; DE102005051288B4; DE102005001005B4; DE102005051287A1; DE102005051287B4; DE102006029966B4; US7394184B2; US8006669B2; WO2009115150A1; WO2008062144A3; WO2008000786A1; US7906888B2; WO2006072502A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1628015 A1 20060222; **EP 1628015 B1 20070815**; **EP 1628015 B8 20071003**; DE 502004004656 D1 20070927; US 2006037579 A1 20060223; US 7339307 B2 20080304

DOCDB simple family (application)

EP 04104652 A 20040924; DE 502004004656 T 20040924; US 96131904 A 20041008