

Title (en)
Fuel injector valve

Title (de)
Brennstoffeinspritzventil

Title (fr)
Soupape d'injection de combustible

Publication
EP 2330288 A1 20110608 (DE)

Application
EP 10185899 A 20101001

Priority
DE 102009046989 A 20091123

Abstract (en)
The fuel injector (1) has housing (2) and an actuator (3) that is arranged in the housing, where the housing has a housing part (4) which is made of an alloy that has iron, nickel and cobalt. The housing has another housing part (5) which is formed from steel. The former housing part and the latter housing part are connected with each other.

Abstract (de)
Ein Brennstoffeinspritzventil (1) umfasst ein Gehäuse (2) und einen in dem Gehäuse (2) angeordneten piezoelektrischen Aktor (3). Dabei weist das Gehäuse (2) zumindest ein Gehäuseteil (4) auf, das aus einer Legierung mit Eisen, Nickel und Cobalt gebildet ist. Hierdurch ist eine vorteilhafte Temperaturkompensation möglich.

IPC 8 full level
F02M 51/06 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 51/0603 (2013.01); **F02M 61/166** (2013.01); **F02M 61/167** (2013.01); **F02M 2200/70** (2013.01); **F02M 2200/9053** (2013.01)

Citation (applicant)
DE 10336327 A1 20050303 - BOSCH GMBH ROBERT [DE]

Citation (search report)
• [XA] DE 102008008111 A1 20090813 - CONTINENTAL AUTOMOTIVE GMBH [DE]
• [XI] WO 2004034481 A1 20040422 - SIEMENS AG [DE], et al
• [XA] EP 1760306 A1 20070307 - SIEMENS AG [DE]
• [A] EP 1811583 A1 20070725 - DELPHI TECH INC [US]
• [A] EP 1619383 A2 20060125 - MAGNETI MARELLI HOLDING S P A [IT]

Cited by
WO2017063860A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2330288 A1 20110608; DE 102009046989 A1 20110526

DOCDB simple family (application)
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