

Title (en)

Fuel injector and fuel injection system

Title (de)

Kraftstoffeinspritzdüse und Kraftstoffeinspritzsystem

Title (fr)

Injecteur de carburant et système d'injection de carburant

Publication

**EP 2251541 A1 20101117 (EN)**

Application

**EP 09006360 A 20090511**

Priority

EP 09006360 A 20090511

Abstract (en)

Fuel injector (18) including a central longitudinal axis (L) and being operable to be arranged in a cylinder head (14) of a combustion engine (22). The fuel injector (18) has an injector body (26) and an adjustment device (30). The adjustment device (30) comprises a ring element (32) being designed to be arranged in a recess (15) of a cylinder head (14) between the injector body (26) and the cylinder head (14) to align the fuel injector (18) relative to the recess (15) in radial direction, and a distance element (34). The distance element (34) is designed to be arranged in the recess (15) between the ring element (32) and the cylinder head (14) to level the fuel injector (18) relative to the cylinder head (14) in axial direction. Fuel-injection system with a cylinder head (14) and a fuel injector (18).

IPC 8 full level

**F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

**F02M 61/14** (2013.01); **F02M 61/168** (2013.01); **F02M 61/166** (2013.01); **F02M 2200/8092** (2013.01); **F02M 2200/9015** (2013.01)

Citation (search report)

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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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 09006360 A 20090511**; AT 09006360 T 20090511