

Title (en)

FUEL INJECTION SYSTEM COMPRISING A FUEL-GUIDING COMPONENT, A FUEL INJECTION VALVE AND A MOUNTING

Title (de)

BRENNSTOFFEINSPRITZANLAGE MIT EINER BRENNSTOFF FÜHRENDEN KOMPONENTE, EINEM BRENNSTOFFEINSPRITZVENTIL UND EINER AUFHÄNGUNG

Title (fr)

INSTALLATION D'INJECTION DE CARBURANT DOTÉE D'UN COMPOSANT D'ALIMENTATION EN CARBURANT, D'UN INJECTEUR DE CARBURANT ET D'UNE ATTACHE DE SUSPENSION

Publication

EP 2948675 B1 20170628 (DE)

Application

EP 14700621 A 20140114

Priority

- DE 102013200982 A 20130122
- EP 2014050563 W 20140114

Abstract (en)

[origin: WO2014114522A1] The invention relates to a mounting (2) for a fuel injection system (1) for connecting a fuel injection valve (7) to a fuel distributor (4). A connection body (8) comprising a receiving chamber (9) is provided and a fuel nozzle (13) of the fuel injection valve (7) can be arranged at least partially in said receiving chamber (9). A connecting body (20) is provided, said body being arranged at least in sections partially in at least one recess (24) of the connecting body (8), and said recess is connected to the receiving chamber (9), and on which the fuel nozzles (13) can be supported along a longitudinal axis (10) of the receiving chamber (9). Said connecting body (20) also comprises an elastically deformable element (23) which is arranged such that the connecting body (20) enables, at least along the longitudinal axis (20), the fuel nozzle (13) to be elastically supported on the connection body (8). The invention also relates to a fuel injection system (1) comprising said type of suspension (2). Fig 1 Noting to translate

IPC 8 full level

F02B 1/02 (2006.01); **F02M 61/14** (2006.01)

CPC (source: EP US)

F02B 1/02 (2013.01 - EP US); **F02M 61/14** (2013.01 - EP US); **F02M 2200/09** (2013.01 - EP US); **F02M 2200/856** (2013.01 - EP US)

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

DOCDB simple family (publication)

DE 102013200982 A1 20140724; CN 105026747 A 20151104; CN 105026747 B 20181023; EP 2948675 A1 20151202; EP 2948675 B1 20170628; KR 20150107757 A 20150923; US 10174734 B2 20190108; US 2016076503 A1 20160317; WO 2014114522 A1 20140731

DOCDB simple family (application)

DE 102013200982 A 20130122; CN 201480005662 A 20140114; EP 14700621 A 20140114; EP 2014050563 W 20140114; KR 20157019829 A 20140114; US 201414762618 A 20140114