

Title (en)

Fuel injector for an internal combustion engine

Title (de)

Kraftstoffinjektor für eine Brennkraftmaschine

Title (fr)

Injecteur de carburant pour moteur à combustion interne

Publication

EP 1672212 A1 20060621 (DE)

Application

EP 05111545 A 20051201

Priority

DE 102004058019 A 20041201

Abstract (en)

Fuel injector has electrical actuator arranged in case-like housing and connector (10) for electrical connection of contact pins of actuator. Actuator stands out from axial opening of housing with connector pins (12) fitted in connector. Connector has insertion section (16), which is fitted in axial opening as axial interference. A passage with passage opening (18) is provided. Connector shifts laterally with respect to insertion section and tangential in respect of support surface (22). Web (24) is arranged between insertion section and support surface. When insertion section is inserted into axial opening, support surface and web interact with corresponding support surface and recess of housing which results in anti-twist effect.

IPC 8 full level

F02M 51/00 (2006.01)

CPC (source: EP)

F02M 51/005 (2013.01)

Citation (search report)

- [A] DE 10025043 A1 20011122 - BOSCH GMBH ROBERT [DE]
- [DA] DE 19715487 A1 19981022 - SIEMENS AG [DE]
- [DA] DE 19844743 C1 20000608 - SIEMENS AG [DE]

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

EP 1672212 A1 20060621; EP 1672212 B1 20080206; EP 1672212 B8 20080507; DE 102004058019 A1 20060608;
DE 502005002752 D1 20080320

DOCDB simple family (application)

EP 05111545 A 20051201; DE 102004058019 A 20041201; DE 502005002752 T 20051201