

Title (en)

Housing assembly for a fuel injector, fuel injector and method for producing the housing assembly

Title (de)

Gehäuseanordnung für ein Kraftstoffeinspritzventil, Kraftstoffeinspritzventil und Verfahren zur Herstellung der Gehäuseanordnung

Title (fr)

Ensemble boîtier pour un injecteur de carburant, injecteur de carburant et procédé de production de l'ensemble boîtier

Publication

EP 3009657 A1 20160420 (EN)

Application

EP 14189088 A 20141015

Priority

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Abstract (en)

A housing Assembly (1) for a fuel injector is disclosed. It has a connection tube (3), a separation disc (9) and a fuel tube (5) which are arranged along a longitudinal axis (L) to enable a streaming fluid pass through respective penetrating openings (11, 13, 17). It further comprises a housing (7) which extends circumferentially around a portion of the fuel tube (5). A first end (21) of the connection tube (3) at least partially contacts a first side (23) of the separation disc (9) and a second side (25) of the separation disc (9) at least partially contacts the housing (7). A sleeve (10) is configured to surround the housing (7) and the separation disc (9) and is at least partially connected to an outside surface (27) of the connection tube (3) or of the separation disc (9) and to an outside surface (29) of the fuel tube (5) to fasten the separation disc (9) to the housing (7).

IPC 8 full level

F02M 51/06 (2006.01)

CPC (source: EP US)

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Citation (search report)

- [XAY] DE 19900405 A1 20000713 - BOSCH GMBH ROBERT [DE]
- [Y] EP 1909339 A1 20080409 - BOSCH GMBH ROBERT [DE]
- [A] US 6240897 B1 20010605 - HAN WILLIAM [TW]
- [A] US 2002112705 A1 20020822 - BERNDT CARSTEN [US]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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