

Title (en)

MAGNET ASSEMBLY FOR A FUEL INJECTOR

Title (de)

MAGNETBAUGRUPPE FÜR EINEN KRAFTSTOFFINJEKTOR

Title (fr)

MODULE MAGNÉTIQUE POUR UN INJECTEUR DE CARBURANT

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Application

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Abstract (en)

[origin: WO2014206872A1] The invention relates to a magnet assembly (3) for a fuel injector (1). The magnet assembly (3) comprises an electromagnet (5) having a magnet core (7) and a magnet coil (9). The magnet assembly (3) further comprises an armature (17) for moving a valve member and a residual air gap disc (25) for setting a spacing between the magnetic core (7) and the armature (17). The residual air gap disc (25) is arranged between the electromagnet (5) and the armature (17). Furthermore, the residual air gap disc (25) is fixed in a direction parallel to a longitudinal axis (35) of the magnet assembly (3) by a fixing element (29). The fixing element (29) is designed as a separate item from the residual air gap disc (25).

IPC 8 full level

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