

Title (en)

RESIDUAL AIR GAP DISK FOR A SOLENOID VALVE AND FUEL INJECTOR HAVING A RESIDUAL AIR GAP DISK

Title (de)

RESTLUFTSPALTSCHIEBE FÜR EIN MAGNETVENTIL UND KRAFTSTOFFINJEKTOR MIT EINER RESTLUFTSPALTSCHIEBE

Title (fr)

DISQUE D'ENTREFERER RÉSIDUEL POUR UNE ÉLECTROVANNE ET INJECTEUR DE CARBURANT COMPRENANT UNE PLAQUE D'ENTREFERER RÉSIDUEL

Publication

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Application

**EP 17725915 A 20170516**

Priority

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Abstract (en)

[origin: WO2017215861A1] The invention relates to a residual air gap disk (30) for a solenoid valve (10), wherein the solenoid valve (10) serves to control a liquid flow in a fuel injector (100), comprising a first end face (35) associated with an electromagnet (15) and a second end face (36) associated with a magnet armature (25), wherein the first end face (35) is designed to lie against the electromagnet (15) and the second end face (36) is designed either to be in contact with the magnet armature (25) or to be spaced apart therefrom in accordance with the energization of the electromagnet (15). According to the invention, the first end face (35) of the residual air gap disk (30) is preferably flat and the second end face (36) of the residual air gap disk (30) is provided with a structure (38).

IPC 8 full level

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CPC (source: EP)

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