

Title (en)
OPTIMIZED ARMATURE ASSEMBLY GUIDANCE FOR SOLENOID VALVES

Title (de)
OPTIMIERTE ANKERGRUPPENFÜHRUNG FÜR MAGNETVENTILE

Title (fr)
GUIDAGE OPTIMISE DE GROUPES D'INDUITS POUR SOUPAPES MAGNETIQUES

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Application
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Abstract (en)
[origin: US2009140080A1] The invention relates to a fuel injector having a solenoid valve which actuates a multi-part armature assembly. The armature assembly comprises an armature bolt, an armature bolt which is acted on by a valve spring, and an armature plate. As a result of the lifting motion of the armature bolt, a closing element is opened or closed, whereby an injection valve member can be actuated, in order to relieve the pressure in a control space. The armature plate is guided, decoupled from the armature bolt, on an armature guide.

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