

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

Publication
EP 1948922 A1 20080730 (DE)

Application
EP 06793850 A 20060927

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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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