

Title (en)  
FUEL-INJECTION VALVE

Title (de)  
BRENNSTOFFEINSPRITZVENTIL

Title (fr)  
SOUPAPE D'INJECTION DE CARBURANT

Publication  
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Application  
**EP 03812120 A 20030702**

Priority  
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Abstract (en)  
[origin: WO2004051072A1] The invention relates to a fuel-injection valve (1) for fuel-injection systems of internal combustion engines. Said valve comprises a solenoid (10), an armature (20) that is subjected to the force of a restoring spring (23) in a closing direction and a valve needle (3), which is connected to the armature (20) by a force-fit. A valve closing body (4), which forms a seal seat together with a valve seat surface (6), is configured on said valve needle. An armature stop face (38) of the armature (20) strikes against a stop face (39) of an internal pole (13) of the solenoid (10) and the armature stop face (38) is provided with a coating (40), whose surface is structured (41).

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