

Title (en)  
MAGNETIC CIRCUIT FOR SOLENOID VALVE

Title (de)  
MAGNETKREIS FÜR MAGNETVENTIL

Title (fr)  
CIRCUIT MAGNÉTIQUE D'ÉLECTROVANNE

Publication  
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Application  
**EP 08708193 A 20080125**

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Abstract (en)  
[origin: WO2008107224A2] The invention relates to a magnetic circuit (10) for a solenoid valve for the actuation of an armature (22) having an armature bolt (26) and an armature plate (24). The magnetic circuit (10) comprises a magnetic core (12) made of a powder composite material in which a magnetic coil (28) is embedded. The magnetic core (12) has an internal pole (40) and an external pole (42). A pole disk (44) is located between the magnetic core (12) and the armature (22), said pole disk covering at least the external pole (42) of the magnetic core (12) and being made of ferromagnetic material.

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