

Title (en)  
SOLENOID VALVE HEAD OF A SOLENOID VALVE

Title (de)  
MAGNETVENTILKOPF EINES MAGNETVENTILS

Title (fr)  
TÊTE D'ÉLECTROVANNE

Publication  
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Application  
**EP 08760192 A 20080529**

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Abstract (en)  
[origin: WO2008148692A1] The invention relates to a solenoid valve head of a solenoid valve, which has a valve bolt which can move back and forth in the longitudinal direction as in a valve-closing direction, which is spring-loaded, and which can be attracted electromagnetically with an inserted magnetic coil counter to the tension of the spring of the solenoid valve over an anchor plate connected hereto by a magnetic core which is held in the magnet housing in a defined manner in the longitudinal direction. In order to make possible a simple and accurately fitting production, and easy and also rapid installation processes of the solenoid valve head, a solenoid valve head of the type in the preamble of claim 1 is characterized according to the invention by the characterizing special features in the characterizing part of this claim, namely, that the magnet housing of the magnet valve head accommodating the magnetic core is constructed pot-shaped in one piece, that the housing of the magnet has an inner profiling which protrudes inwardly at the open edge of the pot, that the magnetic core or a magnetic core holder, which may be present and accommodate the magnetic core, has outwardly protruding external profiling at the periphery thereof, and that the inner profiling and the outer profiling are fitted to one another in the form of a bayonet catch. The magnetic core can be pushed into the housing of the magnet in the longitudinal direction thereof in at least one first direction of rotation to the housing of the magnet and can be fixed in at least one second direction of rotation to the housing of the magnet in the housing of the magnet by movement-blocking end face contact stops of the outer and inner profilations in the longitudinal direction L.

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