

Title (en)  
**MAGNET ARRANGEMENT**

Title (de)  
**MAGNETANORDNUNG**

Title (fr)  
**ENSEMBLE MAGNETIQUE**

Publication  
**EP 1390959 B1 20111214 (DE)**

Application  
**EP 02740320 A 20020508**

Priority  
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Abstract (en)  
[origin: WO02093592A2] The invention relates to a magnet arrangement for an electromechanical drive comprising a cylindrical armature guided in a pole tube, whereby the position of the armature is transformed into an electric signal. A displacement sensor with a fixed and a mobile part is connected to the armature. One side of the armature is embodied in such a way that it transfers the movement of the armature. The other side of the armature is connected to the moveable part of the displacement sensor. The pole tube is provided with a closure part on the side of the displacement sensor. A pressure tube is guided in an outward direction through an axial recess of the closure part. The moveable part of the displacement sensor moves in the pressure tube. The pressure tube is enclosed by the fixed part of the displacement sensor. In order to prevent the displacement sensor from being damaged by vibrations, the fixed part of the displacement sensor is arranged in a recess of the closure part. Magnet arrangements of said variety are, preferably, used for electric re-positioning in liquid valves.

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