

Title (en)
ELECTROMECHANICAL DRIVE ARRANGEMENT AND SOLENOID VALVE

Title (de)
ELEKTROMECHANISCHE ANTRIEBSEINRICHTUNG UND MAGNETVENTIL

Title (fr)
SYSTÈME D'ENTRAÎNEMENT ÉLECTROMÉCANIQUE ET ÉLECTROVANNE

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Application
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Abstract (en)
[origin: WO2014094809A1] The invention relates to an electromechanical drive arrangement, more particularly for moving a valve member (49; 69; 79; 89), with at least one hollow-wound solenoid coil (2; 22; 42) and a ring yoke (3; 23) comprising a first ring section (4; 24) and a second ring section (5; 25), wherein the solenoid coil (2; 22; 42) surrounds the first ring section (4; 24) in places, and wherein the second ring section (5; 25) is arranged in such a manner that it can swivel towards the first ring section (4; 24). The invention proposes that the first ring section (4; 24) and the second ring section (5; 25) are designed such that a first air gap (9) formed between the first ring section (4; 24) and the second ring section (5; 25) is arranged completely in a volume of space surrounded by the solenoid coil (2; 22; 42), more particularly in a middle third of such volume of space.

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