

Title (en)  
ELECTROMECHANICAL DRIVE ARRANGEMENT AND SOLENOID VALVE

Title (de)  
ELEKTROMECHANISCHE ANTRIEBSEINRICHTUNG UND MAGNETVENTIL

Title (fr)  
SYSTÈME D'ENTRAÎNEMENT ÉLECTROMÉCANIQUE ET ÉLECTROVANNE

Publication  
**EP 2936510 B1 20181121 (DE)**

Application  
**EP 12812869 A 20121221**

Priority  
EP 2012005356 W 20121221

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.

IPC 8 full level  
**H01F 7/14** (2006.01)

CPC (source: EP)  
**H01F 7/14** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2014094809 A1 20140626**; CN 105190797 A 20151223; EP 2936510 A1 20151028; EP 2936510 B1 20181121

DOCDB simple family (application)  
**EP 2012005356 W 20121221**; CN 201280077951 A 20121221; EP 12812869 A 20121221