

Title (en)

Solenoid valve and method for producing a solenoid valve

Title (de)

Magnetventil und Verfahren zum Herstellen eines Magnetventils

Title (fr)

Électrovanne et procédé destiné à la fabrication d'une électrovanne

Publication

EP 2747095 A3 20180110 (DE)

Application

EP 13191453 A 20131104

Priority

DE 102012224240 A 20121221

Abstract (en)

[origin: EP2747095A2] The solenoid valve (10) has a magnet assembly (18) comprising a solenoid (20) and a magnetic core (21), in which the magnet assembly is arranged on a support element (25), and a movably arranged magnetic armature (13). The one end position of the movably arranged magnetic armature is determined by a stop element which is configured to adjust the residual air gap (36) and on which the armature rests, while the stop element is arranged on the support element. The support element is arranged facing one side of the magnetic armature. An independent claim is included for a method for manufacturing a solenoid valve.

IPC 8 full level

H01F 7/06 (2006.01)

CPC (source: EP)

F02M 51/0614 (2013.01); **F02M 51/0653** (2013.01); **H01F 7/06** (2013.01); **F02M 2200/16** (2013.01)

Citation (search report)

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- [XY] JP 2004014700 A 20040115 - DENSO CORP, et al
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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2747095 A2 20140625; **EP 2747095 A3 20180110**; **EP 2747095 B1 20200108**; DE 102012224240 A1 20140626

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