

Title (en)

BOBBIN FOR A MAGNET ASSEMBLY OF A SOLENOID VALVE AND METHOD FOR WINDING A WINDING WIRE ON A BOBBIN

Title (de)

WICKELKÖRPER FÜR EINE MAGNETBAUGRUPPE EINES MAGNETVENTILS UND VERFAHREN ZUM WICKELN EINES WICKELDRAHTES AUF EINEN WICKELKÖRPER

Title (fr)

BOBINE POUR UN MODULE MAGNÉTIQUE D'UNE ÉLECTROVANNE ET PROCÉDÉ D'ENROULEMENT D'UN FIL DE BOBINAGE SUR UNE BOBINE

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Application

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Abstract (en)

[origin: WO2011029644A1] The invention relates to a winding body (1) for a magnetic assembly of a solenoid valve, which comprises a base body (3), onto which a winding wire (4) is wound, and two electrical connection domes (10), each of which has a first clamping gap (12) with a first width (B1), into which the winding wire (4) wound onto the base body (3) is inserted, wherein each of the winding wire ends (4.1) rests on a contact surface (11.1) of a wire support (11), which, in the direction of the corresponding winding wire end (4.1), is arranged behind the first clamping gap (12), and to a corresponding magnetic assembly, and to a corresponding solenoid valve comprising such a winding body (1), and to a corresponding method for winding the winding wire (4) onto the winding body (1) according to the invention. According to the invention, in order to receive the corresponding winding wire end (4.1), in the region of the contact surface (11.1) of the wire support (11), a second clamping gap (11.3) with a minimal second width (B2) is arranged behind the first clamping gap (12), the width being smaller than the first width (B1) of the first clamping gap (12), wherein the minimum second width (BP2) of the second clamping gap (11.3) is adjusted to a diameter of the winding wire (4) such that the corresponding winding wire end (4.1) is fixed in the second clamping gap (11.3).

IPC 8 full level

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