

Title (en)

SOLENOID, METHOD FOR PRODUCING A SOLENOID, SOLENOID VALVE AND FUEL PUMP

Title (de)

MAGNETSPULE, VERFAHREN ZUM HERSTELLEN EINER MAGNETSPULE, MAGNETVENTIL UND KRAFTSTOFFPUMPE

Title (fr)

BOBINE MAGNETIQUE, PROCEDE DE PRODUCTION D'UNE BOBINE MAGNETIQUE, ELECTROVANNE ET POMPE A CARBURANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0150484A1] The invention relates to a solenoid comprising a coil (4) which is located in an induction cup (1). In order to improve the thermal coupling of the coil to its environment, the coil (4) consists of a wire, in particular an enamelled wire provided with a coating which produces a cohesion of the wire (4). One method for producing an inventive solenoid is characterised in that the coil (4) is inserted into the magnetic body (1) and a low-viscosity sealing compound (7) is cast around said coil.

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