

Title (en)

SOLENOID VALVE, CONTROL ELECTRONICS FOR A SOLENOID VALVE, AND METHOD FOR CONTROLLING A SOLENOID VALVE

Title (de)

MAGNETVENTIL, STEUERUNGSELEKTRONIK FÜR EIN MAGNETVENTIL UND VERFAHREN ZUM STEUERN EINES MAGNETVENTILS

Title (fr)

ÉLECTROVANNE, ÉLECTRONIQUE DE COMMANDE POUR UNE ÉLECTROVANNE ET PROCÉDÉ DE COMMANDE D'UNE ÉLECTROVANNE

Publication

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Application

EP 19805171 A 20191111

Priority

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- EP 2019080876 W 20191111

Abstract (en)

[origin: WO2020094885A1] Solenoid valve, in particular for an electropneumatic drive which is used, in particular, in a process-engineering installation, comprising an, in particular annular, magnet coil, a magnetic return path which receives a magnet coil and is composed of a magnetizable material and on the inside of which an armature is arranged in a movable manner and the outside of which at least partially surrounds the magnet coil, a magnetic field sensor, in particular a Hall sensor, for detecting, in particular measuring, the magnetic flux density, wherein a profile discontinuity, such as a profile recess, for example a groove, is formed on the outside of the magnetic return path, wherein the magnetic field sensor is arranged in the region of the profile discontinuity.

IPC 8 full level

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Citation (search report)

See references of WO 2020094885A1

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