

Title (en)

MAGNETIC VALVE AND DRIVER ASSISTANCE DEVICE HAVING SUCH A MAGNETIC VALVE

Title (de)

MAGNETVENTIL SOWIE FAHRERASSISTENZEINRICHTUNG MIT EINEM DERARTIGEN MAGNETVENTIL

Title (fr)

SOUPAPE MAGNÉTIQUE ET DISPOSITIF D'ASSISTANCE DE CONDUCTEUR DOTÉ D'UNE TELLE SOUPAPE MAGNÉTIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011076471A1] The invention relates to a magnetic valve (1) having a valve body (3), wherein the valve body (3) comprises a valve seat (12), which can be sealed by a sealing element (14), at least one outlet channel (13), which opens into a fluid chamber (15) of the magnetic valve (1) accommodating at least sections of the sealing element (14), and a flow directing element (16) surrounding at least sections of the sealing element (14), wherein the sealing element (14) is operationally connected to a magnetic anchor (5) arranged in a magnetic anchor chamber (17) designed on a side of the flow directing element (16) facing away from the fluid chamber (15). According to the invention, the flow directing element (16) encompasses at least sections of the valve body (3) and a connection channel (21) establishing a fluid connection between the fluid chamber (15) and the magnetic anchor chamber (17) is in fluid connection to a radial recess (29) extending through a wall (30) of the valve body (3) in the radial direction. The invention further relates to a driver assistance device having such a magnetic valve (1).

IPC 8 full level

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CPC (source: EP KR)

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