Title (en)

VALVE BODY FOR A CONTROL VALVE, AND CORRESPONDING SOLENOID VALVE

Title (de)

VENTILKÖRPER FÜR EIN STELLVENTIL UND KORRESPONDIERENDES MAGNETVENTIL

Title (fr)

CORPS DE SOUPAPE POUR SOUPAPE DE RÉGLAGE ET ÉLECTROVANNE CORRESPONDANTE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014019746A1] The invention relates to a valve body (20) for a control valve (1), comprising a valve seat (22), which is formed at the open edge of a fluid channel (24) inserted into the valve body (20), wherein the valve seat (22) interacts with a closure geometry (14) of a closing body (12) for adjusting a fluid flow (30), and further comprising a control valve (1) having a valve body (20) such as this, and a corresponding hydraulic braking system. According to the invention, the fluid channel (24) is configured with a step (26), at which an inlet section (24.1) of the fluid channel (24) having a first cross-sectional area merges into an outlet section (24.2) of the fluid channel (24) having a second cross-sectional area. The second cross-sectional area is larger than the first cross-sectional area, wherein the valve seat (22) is arranged at the open edge of the outlet section (24.2) of the fluid channel (24).

IPC 8 full level

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CPC (source: CN EP KR)

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