

Title (en)

HYDRAULIC CONTROL ARRANGEMENT WITH A REGULATING PRESSURE GRADIENT WHICH CAN BE VARIED VIA AN LS-VALVE

Title (de)

HYDRAULISCHE STEUERANORDNUNG MIT ÜBER EIN LS-VENTIL VERÄNDERBAREM REGELDRUCKGEFÄLLE

Title (fr)

ENSEMBLE DE COMMANDE HYDRAULIQUE PRÉSENTANT UNE CHUTE DE PRESSION RÉGULATRICE POUVANT ÊTRE MODIFIÉE PAR L'INTERMÉDIAIRE D'UNE SOUPAPE DE DÉTECTION DE CHARGE

Publication

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Application

EP 10752313 A 20100906

Priority

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Abstract (en)

[origin: WO2011054408A1] A hydraulic control arrangement is disclosed with an input pressure compensator consisting of a proportional directional valve (1), one control side (Y) of which is loaded with a throttled consumer load pressure and a prestressing spring and the other control side (X) of which is loaded with a throttled pump pressure, and a hydraulically controlled control valve (ZV1) for the optional throttled connection of the two control sides of the proportional directional valve (1). Furthermore, an additional preferably electromagnetically actuated control valve is provided which optionally opens a bypass line to the hydraulically actuated control valve, in order to positively connect a throttled bypass connection between the two control sides of the proportional directional valve.

IPC 8 full level

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CPC (source: EP)

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