

Title (en)

PRESSURE INTENSIFIER AND ASSOCIATED CONTROL VALVE

Title (de)

DRUCKVERSTÄRKER UND ZUGEHÖRIGES STEUERVERTIL

Title (fr)

AMPLIFICATEUR DE PRESSION ET SOUPAPE DE COMMANDE ASSOCIÉE

Publication

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Application

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Abstract (en)

[origin: WO2011012193A1] The invention relates to a pressure intensifier (1) with a pressure inlet (IN) on a primary side of the pressure intensifier (1) for receiving a primary-side fluid pressure (p_N), a pressure outlet (H) on a secondary side of the pressure intensifier (1) for outputting a secondary-side fluid pressure (p_H), and with a control valve (6) which controls the fluid flow which flows to the pressure intensifier (1) on the primary side through the pressure inlet (IN). According to the invention, the pressure intensifier (1) comprises a feedback loop (7) from the secondary side of the pressure intensifier (1) to the primary side of the pressure intensifier (1) in order to control the control valve (6).

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