

Title (en)

CONTROL DEVICE FOR A SAFETY VALVE

Title (de)

STEUEREINRICHTUNG FÜR EIN SICHERHEITSVENTIL

Title (fr)

UNITE DE COMMANDE POUR UNE SOUPEPE DE SURETE

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Application

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Abstract (en)

[origin: DE19824494C1] The invention relates to a control device (10) wherein a control member (14) can be triggered by a pressure-displacement transducer (12) to control the safety valve (4) of a pressurized container (1). An area (28; 303) of the pressure-displacement transducer can be connected to a blow-off tank (92) by means of a drainage line (90). A first embodiment is characterized by a shift valve device (100) that is associated with said drainage line (90) and which connects the area (28) to a discharge line (102) as opposed to the blow-off tank (92) when the pressure in the blow-off tank rises above a specific pressure limit. A second embodiment has a hydraulic compensation system (200) which exerts a first force on the pressure-displacement transducer (12) from pressure inside the blow-off tank (92), whereby said first force acts against a second force produced by the pressure in the area (28; 33) and compensates said second force.

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