

Title (en)

CONDENSATE DRAINAGE MEANS WITH FAULT MONITORING

Title (de)

KONDENSATABLEITER MIT STÖRUNGSÜBERWACHUNG

Title (fr)

PURGEUR DE CONDENSAT ÉQUIPÉ D'UN CONTRÔLE DE DÉFAUTS

Publication

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Application

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Abstract (en)

[origin: WO2013034674A2] The invention relates to a method for fault monitoring of a discharge valve (16) of a condensate drainage means (1) of a pressurized gas system, wherein the condensate drainage means (1) has a discharge valve (16), which discharge valve has a valve element (19) which can be actuated by a control circuit (15) and which can be moved between a closed position and an open position and which serves, in the open position thereof, to discharge pressurized condensate from the pressurized gas system via a discharge region (18), arranged downstream of the valve element (19), of the condensate drainage means and, in the closed position thereof, to maintain the pressure in the pressurized gas system, wherein the method has: a closing step, in which the control circuit (15) triggers a closing movement of the valve element (19) in the direction of the closed position, and/or an opening step, in which the control circuit (15) triggers an opening movement of the valve element (19) in the direction of the open position; and a respectively subsequent step for monitoring the closed position or open position of the valve element (19). The method according to the invention is characterized in that, in the step for monitoring the closed position, a non-closed position is detected on the basis of a discharge flow of the pressurized gas, of the condensate or of mixtures thereof in the discharge region (18) or at the valve element (19), or in the step for monitoring the open position, a discharge flow of the pressurized gas, of the condensate or of mixtures thereof in the discharge region (18) or at the valve element (19) is detected.

IPC 8 full level

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