

Title (en)

FLOAT VALVE, COMPRESSED-AIR SYSTEM HAVING A FLOAT VALVE, AND DRIER FOR A COMPRESSED-AIR SYSTEM HAVING A FLOAT VALVE

Title (de)

SCHWIMMERVENTIL, DRUCKLUFTSYSTEM MIT EINEM SCHWIMMERVENTIL UND TROCKNER FÜR EIN DRUCKLUFTSYSTEM MIT EINEM SCHWIMMERVENTIL

Title (fr)

SOUPAPE À FLOTTEUR, SYSTÈME D'AIR COMPRIMÉ DOTÉ DE SOUPAPE À FLOTTEUR, ET SÉCHOIR POUR SYSTÈME D'AIR COMPRIMÉ DOTÉ DE SOUPAPE À FLOTTEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021094298A1] The invention relates to a float valve (10), in particular for draining condensate in a medical compressed-air system, comprising: a float (12); a valve seat (16), which defines a valve opening (18a, 18b; 18) having a valve opening cross-sectional area q_A ; and a closure element (14) for opening and closing the valve opening cross-sectional area q_A of the valve opening (18a, 18b; 18). The closure element (14) can be controlled by means of the float (12) between a completely open position X and a completely closed position Y. The closure element (14) is elastic and is part of a partial opening mechanism, which is designed to successively open the valve opening cross-sectional area q_A of the valve opening (18a, 18b; 18) between the completely closed position Y and the completely open position X as a result of the elasticity of the closure element (14).

IPC 8 full level

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Citation (search report)

See references of WO 2021094298A1

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