

GAS SUPPLY SYSTEM FOR HIGH- AND LOW-PRESSURE GAS CONSUMING APPLIANCES

Abstract

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The present invention relates to a gas supply system (1) for a high-pressure gas consuming appliance (4) and a low-pressure gas consuming appliance (5) of a floating structure comprising a tank (8) containing the gas, the supply system (1) comprising a first supply circuit (2) and a second supply circuit (3) characterised in that the supply system (1) comprises a gas return line (14), the supply system (1) comprising a first heat exchanger (6) and a second heat exchanger (7) configured to carry out a heat exchange between the gas of the first supply circuit (2) and the gas circulating in the return line (14), the first supply circuit (2) comprising an additional pump (10).

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Fig. 1