

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, the supply system (1) comprising a first supply circuit (2) for supplying gas to the high-pressure gas-consuming appliance (4) and a
10 second supply circuit (3) for supplying gas to the low-pressure gas-consuming appliance (5), a gas return line (14), a first heat exchanger (6) and a second heat exchanger (7) carrying out a heat exchange between the gas of the first supply circuit (2) and the gas circulating in the return line (14), characterized in that the first supply circuit (2) comprises a main line (40) and a line (41) for
15 bypassing a portion (50) of the main line (40).

Fig. 1