

Gas Supply System For High And Low Pressure Gas Consumer Appliances

ABSTRACT

The present invention relates to a gas supply system (1) for supplying gas to an appliance (4) consuming high-pressure gas of a floating structure (20) comprising at least one tank (8), comprising: at least one first supply circuit (2) for supplying the high-pressure consumer appliance (4), comprising a first heat exchanger (6), a second heat exchanger (7) and a pump (10); characterized in that the supply system (1) comprises a pre-cooling system (17) for pre-cooling the first heat exchanger (6) configured to take gas in the liquid state from the tank (8), the pre-cooling system (17) comprising a pre-cooling line (19) and a control valve (21) for controlling the circulation of gas within the pre-cooling line (19).

Figure 1