

**Installation for feeding a gas-consuming member with combustible gas and
for liquefying said combustible gas**

ABSTRACT

The invention relates to an installation (1) including:

- a leaktight heat-insulating tank (2) intended to be filled with combustible gas in a liquid-vapor state of equilibrium,
- a heat exchanger (10) placed in a position higher than the tank, the heat exchanger comprising a vaporization path (15) and a condensation path (12) which are separated from each other in a leaktight manner by heat-exchange walls,
- the inlet of the condensation path being connected to a vapor-collecting circuit (13) emerging in an upper portion (8) of the tank,
- the outlet of the condensation path (14) being connected to the tank,
- the inlet of the vaporization path (15) being connected to the tank via a liquid inlet circuit (17) including an admission emerging in a lower portion (9) of the inner of the tank to withdraw a stream of liquid-phase combustible gas.

Figure to be published: 1