BOIL-OFF GAS PROCESSING APPARATUS AND LIQUEFIED GAS TANK

ABSTRACT

A boil-off gas processing apparatus for reliquefying a boil-off gas (22) generated within a liquefied gas tank (2) storing a liquefied gas (21) and returning the reliquefied gas to the interior of the liquefied gas tank (2) includes a boil-off gas discharge line (3) configured to discharge the boil-off gas (22) from the liquefied gas tank (2) to outside, and a boil-off gas reliquefaction line (4) configured to immerse at least part of the boil-off gas discharge line (3) in the liquefied gas (21) within the liquefied gas tank (2), wherein the boil-off gas reliquefaction line (4) includes a pressure holding device (42) configured to maintains a pressure necessary for reliquefaction of the boil-off gas (22) and has a length (L) sufficient to be able to absorb an amount of heat necessary for reliquefaction of the boil-off gas (22).

[FIG.1A]