

[ABSTRACT]

The present invention relates to a gas treatment system and a ship including the same, the gas treatment system including: a liquefied gas storage tank; a cooling device supercooling and returning a liquefied gas of the liquefied gas storage tank; and a main compressor pressurizing a boil off gas of the liquefied gas storage tank and supply it to a demander, wherein the cooling device includes: a supercooler for supercooling a liquefied gas with a refrigerant; and a gas heat exchanger cooling with a refrigerant at least one of a boil off gas discharged from the liquefied gas storage tank and transferred to the demander or a liquefied gas discharged from the liquefied gas storage tank and transferred to the demander, wherein the gas heat exchanger has a refrigerant flow path through which a refrigerant flows and a gas flow path through which at least one of a liquefied gas or a boil off gas flows.

FIG. 1