

FUEL SUPPLY SYSTEM AND METHOD FOR SHIP

【ABSTRACT】

Disclosed herein is a fuel supply system for ships. The fuel supply system for ships includes: a pump (10) compressing liquefied gas discharged from a storage tank (T) to a pressure required for an engine (E); a heat exchanger (20) heating the liquefied gas compressed by the pump (10) to a temperature required for the engine (E) through heat exchange; and a buffer tank (50) temporarily storing the liquefied gas discharged from the storage tank (T) and having passed through the pump (10) and the heat exchanger (20) before supplying the liquefied gas to the engine (E), wherein a gas is supplied to the buffer tank (50) via a gas supply line (F3) to maintain and adjust pressure inside the buffer tank (50) and as much liquefied gas as required for the engine (E) is supplied from the buffer tank (50) to the engine (E).

FIG. 2