

**TITLE OF INVENTION: RETURN SYSTEM FOR THE RETURN OF RECIRCULATED
PROPULSION LIQUEFIED PETROLEUM GAS, RELATED METHOD AND USE**

ABSTRACT

A system for returning recirculated propulsion liquefied petroleum gas of a main engine and/or auxiliary engine of a ship.

The system comprises a recovery device, connected by a supply line to a main engine or an auxiliary engine in a fluid-conducting manner and comprises a cooling device configured to cool the recirculation flow supplied by the main engine and/or the auxiliary engine, a gas supply system, configured to supply propulsion liquefied petroleum gas to the main engine or the auxiliary engine, wherein the gas supply system is connected to the recovery device via a recirculation line in a fluid-conducting manner and wherein a control valve is assigned to the recirculation line for setting a fluid flow through the recirculation line and a recirculation tank which is connected via an inlet line is connected to the recovery device and via an outlet line to the gas supply system.

[Fig. 1]