

AIR LUBRICATION SYSTEM OF A SHIP

ABSTRACT

An air lubrication system adapted to generate air bubbles on a ship bottom. The air lubrication system includes: multiple air-jet orifices formed on a hull outer plate of a ship; a chamber housing extending from an inner surface of the hull outer plate and enclosing the air-jet orifices; a connection line from which air discharged through the air-jet orifices is supplied; a main line extending in a different direction from an extending direction of the connection line to supply air to the chamber housings after receiving the air supplied from the connection line; and a branch-off line connecting the main line to the chamber housing. The branch-off line is connected to a side surface of the chamber housing.

FIG. 3