

ABSTRACT

The present invention relates to an apparatus for reducing greenhouse gas emission in a vessel and a vessel including the same, which are capable of constantly maintaining a concentration of a greenhouse gas absorbing liquid to prevent a decrease in absorption performance of an absorption tower, and applying a pressurization system to prevent the loss of an absorbent liquid due to the natural evaporation of a high-concentration absorbent liquid.

Or which are capable of cooling exhaust gas with fresh water by a heat exchange method, thereby preventing a decrease in concentration of an absorbent liquid, and controlling the concentration of the absorbent liquid to constantly maintain the concentration of the absorbing liquid, thereby preventing a decrease in absorption performance.