

ABSTRACT

The present invention relates to an apparatus for reducing greenhouse gas emission in a vessel and a vessel including the same, in which CO₂ absorbed by taking only a part of the absorbent liquid used when collecting CO₂ is removed, so that the device
5 sizes of an absorbent liquid recycling unit and an absorbent liquid circulating unit is kept small and continuous operation is enabled.

Or in which exhaust gas is cooled by a heat exchange method, thereby preventing the decrease in a concentration of an absorbent liquid, and CO₂ absorbed by taking only a part of the absorbent liquid used when collecting CO₂ is removed and an unreacted
10 absorbent liquid is continuously circulated, thereby enabling continuous operation.