ABSTRACT

A tank system includes a first tank and a second tank, a first discharge line, a connection line, a first transfer line, a first return line, and a switching unit. The first tank and the second tank are configured to store liquefied carbon dioxide. The first discharge line is configured to discharge the liquefied carbon dioxide in the first tank to a location outside of the first tank. The connection line connects an interior of the first tank and an interior of the second tank. The first transfer line is configured to transfer carbon dioxide gas in the first tank into the second tank. The first return line is configured to take out carbon dioxide gas in the second tank, heat the carbon dioxide gas, and return the carbon dioxide gas to the second tank. The switching unit is configured to switch between transfer of the carbon dioxide gas by the first transfer line and return of the carbon dioxide gas by the first return line.

FIG.2