

METHOD AND SYSTEM FOR RE-GASIFYING LIQUEFIED GAS OF SHIP

【ABSTRACT】

The present invention relates to a liquefied-gas regasification system and method for vessels, which enable stable operation of a cycle, in which a heating medium for heat exchange with a liquefied gas circulates, by maintaining operation conditions for regasification of the liquefied gas at a main point of the cycle. The liquefied-gas regasification method includes gasifying a first heating medium condensed into a liquid phase through heat exchange in a vaporizer; supplying the gasified first heating medium to an expander-generator to generate power through expansion of the gasified first heating medium, and supplying the expanded first heating medium to the vaporizer while controlling a pressure upstream or downstream of the expander-generator to control a pressure downstream of the vaporizer.

Figure 1