METHOD FOR TREATING BALLAST WATER FOR VESSEL

ABSTRACT

Since the ballast water treatment system relating to an aspect of the present invention is configured such that the water quality of the ballast water is monitored and based on that result, the operational conditions of the water treatment apparatus are controlled, it is possible to treat the ballast water enabling it to have a constant water quality even when the water quality of the ballast water significantly varies depending on water intake conditions. Moreover, since water treatment is performed in accordance with the water quality of the ballast water, it is possible to prevent an excessive or insufficient injection of the chemical liquid which is used for water treatment. For example, when a sterilization scheme is adopted for the water treatment apparatus, it is possible to prevent an excessive or insufficient injection of disinfectant, thereby preventing the disinfectant from imposing a burden on the coating of the ballast tank and the environment.

Fig. 1