

An Efficiently-inactivating And Energy-saving Method And System For Processing Ship Ballast Water

Abstract

The present invention relates to the technical field of environmental protection, especially relating to an efficiently-inactivating and energy-saving method for processing ship ballast water, which comprising the following processes: A) a filtering process , in which ship ballast water is filtered to remove the large grained organisms and solids; and B) a sterilizing process, in which the filtered water flows through a sterilization processing unit to have the organisms and bacteria in the water killed. Correspondingly, the present invention also discloses a system for processing ship ballast water, which has advantages as follows: low energy consumption, high efficiency, convenient installation simple and no pollution after processing.

Fig. 1