

【ABSTRACT】

The present invention relates to an multi-effect solar distiller with multiple heat sources. More particularly, the present invention relates to an multi-effect solar distiller with multiple heat sources capable of evaporating and distilling sea water using the solar thermal energy, evaporating the sea water using waste heat generated from a power generation facility in addition to the solar thermal energy, evaporating and distilling the sea water even by condensation heat generated at the time of condensing steam, and using a plurality of absorption reflectors to allow non-used sunlight to maximally evaporate the sea water by being reflected from the sea water surface.