



ABSTRACT

APPARATUS AND METHOD FOR DESALINATION

- 5 A water desalination system comprising an evaporator for evaporating saline water to produce water vapour; an adsorption means in selective vapour communication with the evaporator for reversibly adsorbing the water vapour from the evaporator; said adsorption means in selective vapour communication with a condenser, and; desorbing means for desorbing the adsorbed water vapour from the adsorption means for
- 10 collection by the condenser; said condenser adapted to condense the water vapour to desalinated water.

FIGURE 1

