

WATER TREATMENT APPARATUS AND WATER TREATMENT METHOD

ABSTRACT

To provide a water treatment apparatus and a water treatment method that are capable of more reliably removing
5 biofilm and/or scale adhered to the surfaces of electrodes.
A water treatment apparatus (100) includes: a first granular electrode member (18) and a second granular electrode member (19) stored in a water treatment unit (1) and provided so as to be separated from each other by a separator (21); a power
10 supply unit (20) which applies voltage between the first granular electrode member (18) and the second granular electrode member (19) so that ions contained in treatment target water supplied from one side of the water treatment unit (1) are adsorbed to the first granular electrode member
15 (18) and the second granular electrode member (19), thereby performing desalination and generating desalinated water; and a washing water supply pump (4) which causes washing water to flow from the other side of the water treatment unit (1) to the one side of the water treatment unit (1), thereby washing
20 the first granular electrode member (18) and the second granular electrode member (19), wherein the first granular electrode member (18) and the second granular electrode member (19) each include a plurality of flowable granular electrode members.