

ABSTRACT

MEMBRANE SEPARATION METHOD

5 The main purpose of the present invention is to provide a membrane separation method whereby stable water processing can be continued over a long period of time while inhibiting the activity of microorganisms in a biofilm that is present on a reverse osmosis membrane. The present invention can provide a membrane separation method, which comprises intermittently adding a combined chlorine agent containing a sulfamic
10 acid compound to the water to be processed, said water being supplied to a reverse osmosis membrane separation unit, and thus conducting membrane separation, wherein: in the intermittent addition, an intermittent addition water supply period, during which the combined chlorine agent is added, at such a concentration as to inhibit the activity of microorganisms in a biofilm, to the water to be processed and the water is supplied to the
15 reverse osmosis membrane separation unit, and a no-addition water supply period, during which the water is supplied to the reverse osmosis membrane separation unit without adding the combined chlorine agent, are repeated; and the intermittent addition water supply period continues 0.25-5 hours while the no-addition water supply period continues 1-6 hours.

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[FIG .1]