

ABSTRACT OF THE DISCLOSURE

**CLEANING AGENT FOR SEPARATION MEMBRANE, PROCESS FOR
PREPARING THE CLEANING AGENT, AND CLEANING METHOD**

5 Provided is a cleaning agent or cleaning method of a
separation membrane which has cleaning effects equal or
superior to those of conventional cleaning methods in
cleaning a separation membrane used for filtration of
drinking water, industrial water, river water, lake water,
10 groundwater, reservoir water, secondary effluent, waste
water, sewage water or the like; does not include a
hypochlorite so that it neither generates a toxic gas nor
adversely affects the human health; and needs less cleaning
time owing to elimination of a rinsing step with a large
15 amount of water. The cleaning agent or cleaning method
according to the present invention is therefore safe and
economical. Disclosed by the present invention is a
preferred cleaning agent containing hydrogen peroxide, a
heavy metal compound and a hydroxydicarboxylic acid,
20 wherein the hydroxydicarboxylic acid is selected from the
group consisting of malic acid, tartaric acid, tartronic
acid, citramalic acid, dioxymaleic acid and dioxymalonic
acid, while the heavy metal compound is an iron ion.

25 **FIG. 1**