# CLAIMS

1. A pretreatment device of seawater to be supplied to a device for removing salt from the seawater or concentrating the seawater by membrane filtration, the pretreatment device comprising:

a supply duct through which the seawater is to be supplied;

a plurality of filters including a particulate filtering material which separates particles from the seawater supplied through the supply duct, and a biofilm formed on a surface of the particulate filtering material;

a plurality of connecting tubes which connect the plurality of filters in series from an upstream side in this order;

a plurality of bypass tubes each of which connects corresponding one of the plurality of filters to the supply duct; and

a plurality of regulating valves each of which is disposed in corresponding one of the plurality of bypass tubes to regulate a flow rate.

2. The pretreatment device of seawater according to claim 1, further comprising:

a water-quality detecting part disposed on an outlet section of at least one of the plurality of filters; and

a valve control part configured to control opening degrees of the regulating valves on the basis of a detection value obtained by the water-quality detecting part.

3. The pretreatment device of seawater according to claim 2,

wherein the water-quality detecting part is disposed on the outlet section of the filter disposed most downstream among the plurality of filters, and

wherein the valve control part is configured to control the plurality of regulating valves to be closed in order from a downstream side, if the detection value obtained by the water-quality detecting part is greater than a first standard value set in advance after the valve