

ABSTRACT

The desalination system of the present invention is a desalination system S for desalinating sewage water and sea-water, and comprises a purification apparatus 1 for purifying by permeating sewage water; a first RO membrane 2 for permeating permeate water s5a which has permeated purification apparatus 1, and including and removing salinity thereof in first concentrated-water s6a and also generating industrial water s1; a first pretreatment apparatus 3 for performing at least either pretreatments of concentration filtration or NF membrane filtration to first concentrated-water s6a; and a second RO membrane 4 for permeating first water to be treated s7a to which pretreatment was performed by first pretreatment apparatus 3; and including and removing salinity thereof in second concentrated-water s6b and also generating industrial water s2.