

SYSTEM FOR PRODUCING ULTRAPURE WATER AND METHOD FOR
PRODUCING ULTRAPURE WATER

Abstract

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Provided is an ultrapure water production system including, in this order: a pre-treatment system; a primary pure water system; and a secondary pure water system, wherein the primary pure water system includes an ion
10 exchange device which performs treatment on water to be treated containing boron with an ion exchange resin, the ion exchange device includes: a housing portion into which the ion exchange resin is packed; a supply portion through which water to be treated is supplied to the housing
15 portion; and a discharge portion through which treated water is discharged from the housing portion, and a boron-selective ion exchange resin is packed into a portion of the housing portion on a side of the supply portion, and an ion exchange resin other than the boron-selective ion
20 exchange resin is packed into a portion of the housing portion on a side of the discharge portion. According to the ultrapure water production system and the method for producing ultrapure water, it is possible to stably obtain ultrapure water with reduced concentration of boron without
25 applying a TOC load on a subsystem.

Fig. 1