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Gsell

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(54) **APPARATUS FOR PRODUCING USP OR WFI PURIFIED WATER**

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(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 100 days.

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(58) **Field of Search** **210/181, 198.1, 210/202, 206, 252, 259, 321.6, 900, 908, 500.42, 500.43**

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(57) **ABSTRACT**

An improved water purification system for production of USP purified water and/or USP water for injection include backwashable, chlorine tolerant microfilter or ultrafilter for initial filtration of the feed water (10). The filtrate from the filter (18) is provided to a dechlorinator (18) prior to being subjected to an optional, reverse osmosis membrane unit (60) and then to a still (66) which discharges purified water at USP standards for purified water or water for injection.

10 Claims, 1 Drawing Sheet

