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(54) Title: NANOFILTRATION PRETREATMENT OF SEAWATER FOR ELECTRODIALYSIS DESALINATION

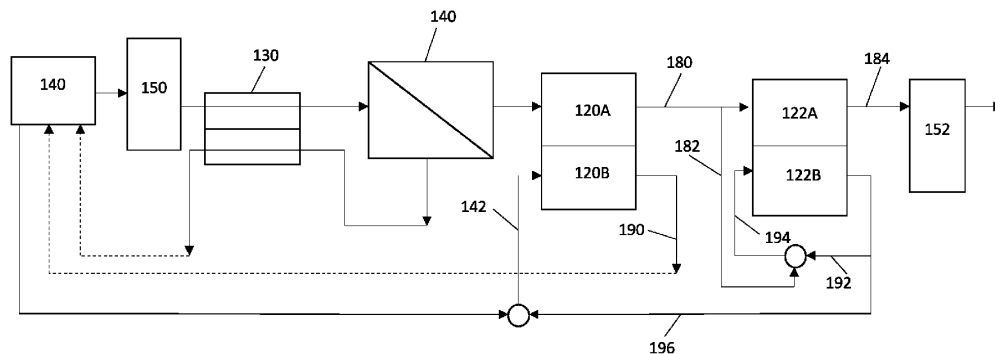


FIG. 1

(57) Abstract: Systems for water desalination are disclosed. The systems include a source of non- potable water, a low pressure nanofiltration device, a first electro dialysis unit, a second electro dialysis unit, and recycle conduits. Methods of water desalination including directing non- potable water to a low pressure nanofiltration device, a first electro dialysis unit, and a second electro dialysis unit are also disclosed. Methods of facilitating water desalination by providing a water desalination system are also disclosed.

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