CLAIMS

1. A complex desalination system, comprising:

a first water treatment system for filtering a first raw water having a high salinity concentration by use of a first reverse osmosis membrane device; and

a second water treatment system for filtering a second raw water having a salinity concentration lower than the salinity concentration of the first raw water by use of a second reverse osmosis membrane device,

the first water treatment system comprising:

a preliminary filtration device for filtering a water to be treated including the first raw water taken in, in a stage preliminary to the first reverse osmosis membrane device; and

a first pump for pressurizing the water to be treated to be supplied to the preliminary filtration device,

wherein the first pump is driven under a hydraulic pressure by a ~~non-permeate~~non-permeated water discharged from the second reverse osmosis membrane device of the second water treatment system, and

wherein the ~~non-permeate~~non-permeated water having driven the first pump is mixed through a back-pressure valve with the first raw water to produce the water to be treated.

2. The complex desalination system according to claim 1,

the first water treatment system comprising:

a first raw water tank storing the first raw water taken-in,

wherein the ~~non-permeate~~non-permeated water having driven the first pump is mixed with the first raw water stored in the first raw water tank to produce the water to be treated.

wherein the flow rate control valve is provided to a return pipe which connects a supply port side, for the water to be treated, of the preliminary filtration device and the first raw water tank to each other.

9. The complex desalination system according to claim 6,

wherein the flow rate control valve is provided to a return pipe which connects a supply port side, for the water to be treated, of the preliminary filtration device and the first raw water tank to each other.

10. A complex desalination system, comprising:

a first water treatment system for filtering a first raw water having a high salinity concentration by use of a first reverse osmosis membrane device; and

a second water treatment system for filtering a second raw water having a salinity concentration lower than the salinity concentration of the first raw water by use of a second reverse osmosis membrane device,

the first water treatment system comprising:

a third pump for taking in the first raw water; and

a first raw water tank storing the first raw water taken in,

wherein the third pump is driven under a hydraulic pressure by a ~~non-permeate~~non-permeated water discharged from the second reverse osmosis membrane device of the second water treatment system, and

wherein the ~~non-permeate~~non-permeated water having driven the third pump is supplied through a back-pressure valve to the first raw water tank.

11. The complex desalination system according to claim 10,

the first water treatment system further comprising: