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(57) Abstract :

The demand for drinking water requirement is getting increased exponentially in recent days due to various reasons. The drinking water preference also got changed among the people around the world i.e., to have a purified drinking water. Water purification generally done by the reverse osmosis, but this requires huge electric power. So Solar desalination is the easy way to purify the water. Solar still is the device for solar desalination, where water is brackish evaporated and condenses as potable water. But this process has lower water yield, to improve the yield rate in the solar still, a novel basin design is used in this invention.

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