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AUTOMATED WATER PURIER BASED ON SODIS METHOD

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Abstract:

This article aims to describe the method of purifying water for consumption, for solar irradiation-SODIS and apply it automatically, a system logical steps will be done through software and hardware on which an electronic board connected a temperature sensor will measure the same and the timing in which the water to be purified has been exposed to a certain temperature by releasing water through a solenoid valve and yet can be monitored on the computer screen interface for Java trough sending stats for frequency radio. In this way, to exceed the minimum requirements proven by SODIS purification method, the automated system will be indicated by an warning light, the purification process has reached its minimum parameter, thus ensuring that the process is always within the requirements search the SODIS method.

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