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(54) Title of the invention : SMART WATER HEATING SYSTEM

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(57) Abstract :

A smart water heater system, comprising: an enclosure 1 mounted with a biometric sensor for authenticating details of a user, a microcontroller in association with the sensor, wherein the controller receives the authentication signals and compare with pre-fed details along with related medical conditions and generates a command in case of match/mismatch of the details along with medical conditions, a weather monitoring module for monitoring weather conditions outside the enclosure 1, a water heater 2 associated for heating water, a water purifier assembled within the enclosure 1 for purifying the water based on the detected medical conditions of the authorized user, a three way valve 3 in combination with a pair of electronic valve connected with the water heater 2 for dispensing the water, wherein the first valve dispenses purified water and the second valve dispenses normal water according to the detected medical conditions. Ref Figure 1

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