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(57) Abstract :

A water monitoring and management device for water containers, comprising a bucket-shaped body 101 developed to accommodate water to be utilized for various purpose, a motorized lid 103 to cover mouth portion, an imaging unit 104 for detecting facial features of user, a database for storing profiles of different users, a level sensor for detecting level of water in body 101, an electric pump with an auxiliary water container for pumping water from water container to body 101 for maintaining determined level of water in body 101, a pair of electronic nozzles 201 with a pair of chambers 105 stored with a different chemical solutions, a stirring unit 202 for stirring water for evenly mixing solution in water, a heating unit 203 for heating water at determined temperature, a proximity sensor 106 installed with body 101 for detecting presence of user at a threshold distance from body 101.

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