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(57) Abstract :

The present invention relates to intelligent water flow control system comprising of a container with a fluid discharge unit 1 associated with the system for discharging water into the container, an ultrasonic sensor 2 connected with a container for measuring length of the container, a flow sensor 3 installed on the fluid discharge unit 1 for measuring discharge of water, a microcontroller 4 in association with the ultrasonic sensor 2 and flow sensor 3 for computing time required to fill the container on receiving signal from the sensor(s) and generating a command signal to turn off the system on complete filling of the container, a cut-off switch 6 connected with the microcontroller 4 to cut electrical supply on receiving the command signal and a motor 7 in association with a pump 8 connected with the switch 6 to stop pumping of the water on cutting the supply.

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