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(57) Abstract :

The present disclosure pertains to a water level monitoring system (100), including a tank (102), a tube, a first set of sensors (108) configured to sense water level inside the tank (102) and correspondingly generate a first set of signals, a second set of sensors (110) configured to sense air pressure inside a tube and the tank (102) and correspondingly generate a second set of signals, a valve (104) fluidically coupled with a tube and the tank (102), a motor (106) and a processing unit (112). The processing unit (112) is configured to receive the second of signals and actuate the valve (104), compare the quantity of the water with a first predetermined water level limit and a second predetermined water level limit, generate a first set of alarm signals when the compared quantity of the water is within the first predetermined water level limit and a second set of alarm signals when the compared quantity of the water is within the second predetermined water level limit.

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