

Title (en)  
METHOD AND SYSTEM FOR AUTOMATICALLY CONTROLLING WATER LEVEL IN STORAGE TANK THROUGH WIRELESS CONTROL PROCESS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR AUTOMATISCHEN STEUERUNG DES WASSERSTANDES IN EINEM TANK MITTELS EINES DRAHTLOSEN STEUERUNGSVERFAHREN

Title (fr)  
PROCEDE ET SYSTEME DE REGULATION AUTOMATIQUE DU NIVEAU D'EAU DANS UNE CUVE DE STOCKAGE, PAR L'INTERMEDIAIRE D'UN PROCEDE DE COMMANDE SANS FIL

Publication  
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Application  
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Abstract (en)  
[origin: WO0161429A1] The object of this invention is to provide a method and system for automatically controlling water level in a storage tank through a wireless control process. This system includes an intake chamber (24), an intake pumping means (22) set within the chamber (24), a water feed pipe (36) extending from the pumping means (22) to a water storage tank (300), a pressure sensing means (34) for sensing water pressure within the pipe (36), a check valve (33) for preventing backflow of water within the pipe (36), and a drive controller (110) for processing data from the pressure sensing means (34) and outputting a signal to a main controller (100). This method and system senses water pressure within the water feed pipe using the water pressure sensing means to automatically and effectively control the water level within the water storage tank through a wireless control process, particularly in the case of an excessively long water feed pipe.

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CPC (source: EP)  
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Citation (search report)  

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- See references of WO 0161429A1

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