(19) INDIA

(22) Date of filing of Application :23/11/2021 (43) Publication Date : 26/05/2023

(54) Title of the invention: SYSTEM TO CONTROL WATER SUPPLY IN WATER TANKS

(51) International classification	E03D0005000000, B28D0007020000, E03B0011100000,	(71)Name of Applicant: 1)Chitkara Innovation Incubator Foundation Address of Applicant: SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application NoFiling Date	F02M0025022000 :NA :NA :NA :NA :NA	(72)Name of Inventor: 1)SANDHU, Mamatha 2)JAT, Gopal Lal
(87) International Publication No (61) Patent of Addition to Application Numb		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present disclosure pertains to a system (100) to assist in controlling water supply to overhead tanks (102) in a premises. The system (100) can be configured to facilitate supply to overhead tanks (102), when found empty, or low water level. Water supply can be provided from the central water reservoir (110), if supply water is coming at that time. When supply water is not coming, the water can be supplied from an auxiliary water tank (104) to replenish water in overhead tank (102). A motor (114) can be automatically actuated to propel water from either the central water reservoir (110) or auxiliary water tank (104), upon detection of low water level in the overhead tank (102).

No. of Pages: 20 No. of Claims: 9