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(51) International classification	:G06Q0050060000, C02F0001760000, C02F0001000000, C02F0001280000, F24D0017000000	(71) Name of Applicant : 1)Gajendran C Address of Applicant :#313 Aashirtha Appartment, Vadavalli to Thondamuthur Road, Prahlad Nagar ----- 2)Dr. C. Mahendran 3)Dr. P P Sivan 4)Dr. S. Senthamil Kumar 5)Dr. Farooq Ismail Chavan 6)Prakash Laxman Pathak 7)Dr. Pradip Dagadu Jadhao 8)Snehal Narendra Chaudhari 9)Bhakti Pravin Vaidya 10)Vivek Ramchandra Kasar Kokil Name of Applicant : NA Address of Applicant : NA
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(57) Abstract :

The invention relates to a system designed for aging water by recirculation and measuring chlorine decay. The system includes a feed tank, variable flow pump, rectangular loop pipeline, heat exchanger with thermostats, recirculation tank, and a sampling mechanism. By simulating the conditions water experiences in distribution networks, the system provides accurate measurements of chlorine decay using residual chlorine tests. The system is particularly useful for optimizing chlorine dosing in water distribution networks and ensuring water safety at the point of use.

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