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Patent Search

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Abstract:

Present invention provides a device for digitalized TDS management in water filter. The proposed device provides adjustable digital TDS system in existing system. It indicated on the meter from where the user itself can use the provided electronic switch to adjust to desired value and can drink in the safe range of minerals. Follow is described in detail with the help of Figure 1 of sheet 1 showing flow chart and arrangement of digitalized TDS management system.

Complete Specification

Claims:We claim:-

1. TDS Control device, adjustable in conventional water filter system; comprises of TDS controller (12), DC motor (13), power supply, TDS meter (8) and a switch characterized in that TDS controller screw is joined to the shaft of the DC motor both with axes on the same line, power supply connected with the motor through t switch and electrodes of TDS meter connected to the pipe 0.2m away from the joint of TDS Controller and the output of RO membrane so as to ensure proper mix
2. TDS Control device as claimed in claim 1 wherein a double pole double throw switch used to reverse the polarity of voltage so that motor can rotate in both the directions either clockwise or anti-clockwise according to the connections made with switch.

, Description:FORM 2

THE PATENT ACT 1970

(39 OF 1970)

AND

The patent rules, 2003

COMPLETE SPECIFICATION

(See section 10: rule 13)

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