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- (54) **Title:** SYSTEM AND METHOD FOR MONITORING WATER QUALITY

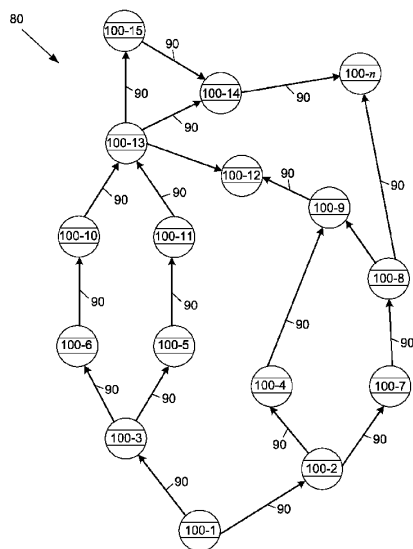


FIG. 1

(57) **Abstract:** A water quality monitoring system for monitoring water quality in a water distribution network comprising a plurality of distribution lines for interconnecting a plurality of distribution lines with one or more nodes from which water is supplied into the distribution network, the system comprising: a plurality of water sampling sub-systems, each subsystem being arranged in fluid communication with a corresponding distribution line for obtaining water quality parameters from said corresponding distribution line, each subsystem comprising a communication module for communicating data related to a water quality parameter to a database over a communication network wherein each of the sub-systems are functionally linked with each other over the communication network to trigger simultaneous measurement of the water quality parameters. The system further comprises means to display a graph that provides a visual indication of the water quality.

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