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(54) Title: SYSTEM AND METHOD FOR WATER DISTRIBUTION MODELLING

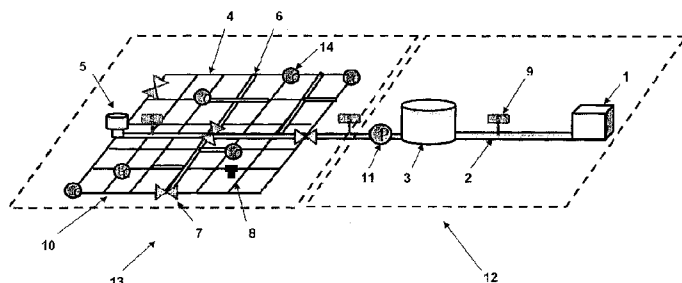


Figure 1A

ARCHIVED SENSOR DATA

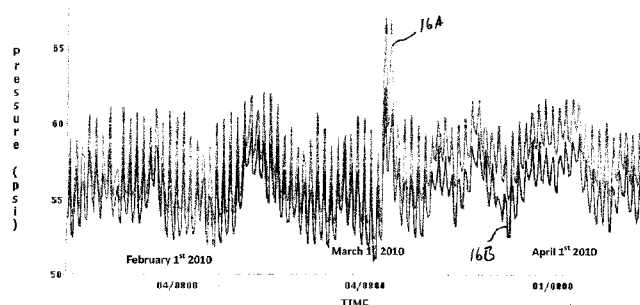


Figure 1B

(57) Abstract: A method of modelling a water distribution system, the method comprising steps of: identifying a plurality of demand zones within said water distribution network; estimating water consumption data for said demand zones; simulating the hydraulic characteristics of the water distribution system using said estimated water consumption data and so; providing simulated pressure and flow rates within said demand zones; receiving output from sensors within said water distribution network in the form of pressure and flow rate data; correcting the simulated pressure and flow rate data within said demand zones based upon the sensor output and so; calibrating a model of the water distribution system.



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