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(54) Title: GRANULAR CONTROL OF WATER DISTRIBUTION SYSTEM PRESSURE

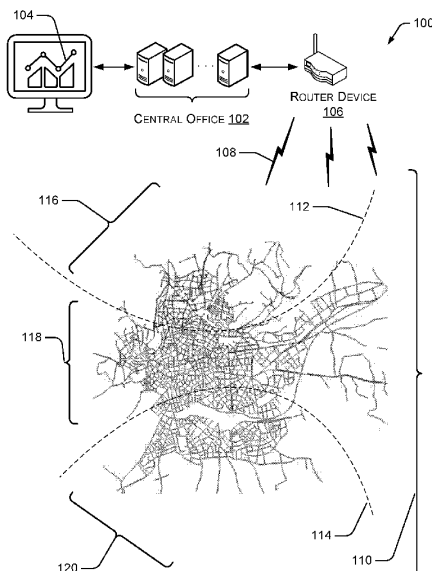


FIG. 1

(57) Abstract: Techniques for controlling water pressure at a plurality of water customer service sites are described. In an example, a first plurality of water service sites having water pressure values greater than a first threshold value are identified. A second plurality of water service sites having pressure values less than a second threshold value are identified. Valves controlling water flow to respective customer service sites within the first and second pluralities of water service sites are adjusted. The adjustments increase water pressure in the second plurality of water service sites to a pressure above a minimal target pressure. The adjustment maintains the water pressure of the first plurality of service sites above the minimal target pressure. In an example, groups of water service sites are associated with respective water mains and/or water pressure sensors. Information shared between groups may assist in adjusting water valves within the water system.