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(54) Title: WATER MAIN RECIRCULATING SYSTEM WITH FILTER BY-PASS AND ISOLATION AND METHOD OF USING
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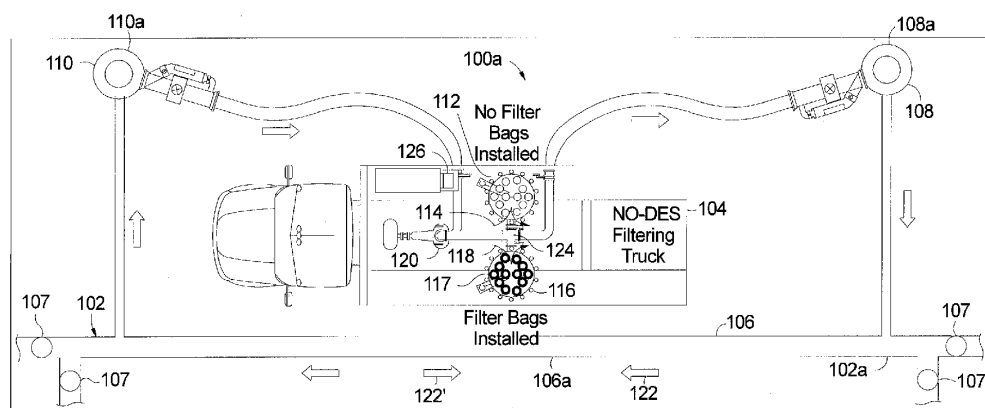


FIG. 1

(57) Abstract: A closed conduit system for use in a water supply system includes a recirculating unit configured to connect to an isolated section between a first point and a second point of the water supply system. The recirculating unit includes a first filter unit defining a first closed circuit including the isolated section and adapted to perform a first treatment. A second filter unit defines a second closed circuit including the isolated section and is adapted to perform a second treatment. At least one pump is capable of generating a flow of water through the first and the second closed circuit, and a valve selectively controls flow through either the first or the second closed circuit.

[Continued on next page]

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