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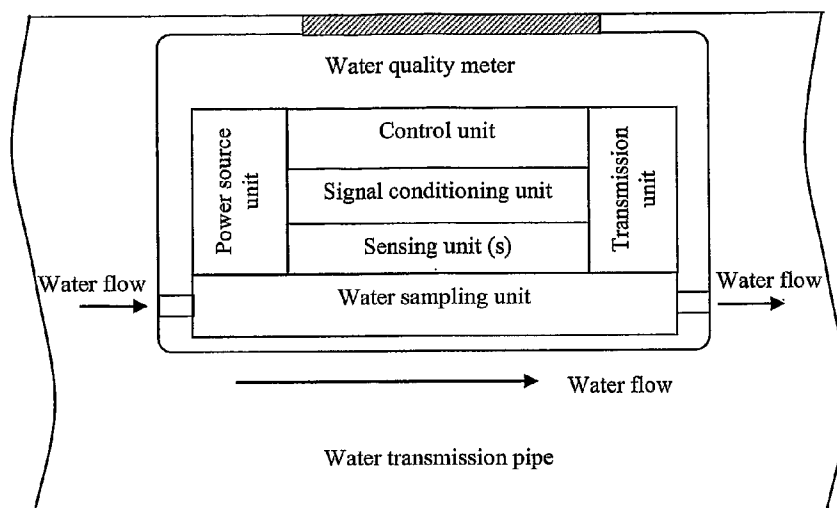
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(54) Title: SELF-POWERED IN-PIPE FLUID METER AND PIPING NETWORK COMPRISING A PLURALITY OF SUCH FLUID METERS



(57) Abstract: A self-powered in-pipe fluid meter to be mounted inside of a pipe carrying a fluid therein. The fluid meter comprises at least one sensing unit capable of measuring one or more parameters of the fluid inside of the pipe; a telemetric data transmission unit capable of telemetrically transmitting data including a measured fluid parameter to a host terminal and/or another fluid meter; and at least one fluid-driven power source unit capable of generating power from the fluid flow within the pipe and supplying power to the sensing unit and/or the transmission unit.

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