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(54) Title: METER ELECTRONICS AND METHODS FOR VERIFICATION DIAGNOSTICS FOR A FLOW METER

(57) Abstract: A method for verifying accurate operation for a flow meter (5) is provided. The method entails receiving a vibrational response from the flow meter (5), wherein the vibrational response comprises a response to a vibration of the flow meter (5) at a substantially resonant frequency. At least one gain decay variable is measured. It is then determined whether the gain decay variable is outside a predetermined range. A filter used in a stiffness calculation is adjusted if the gain decay variable is outside the predetermined range.

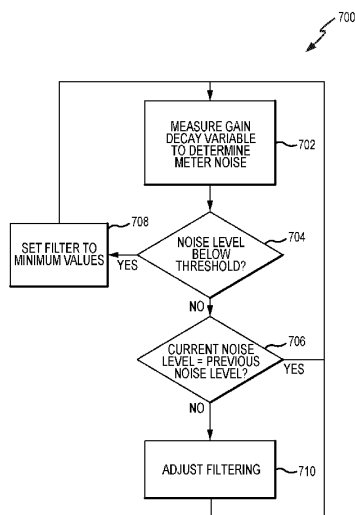


FIG.7

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