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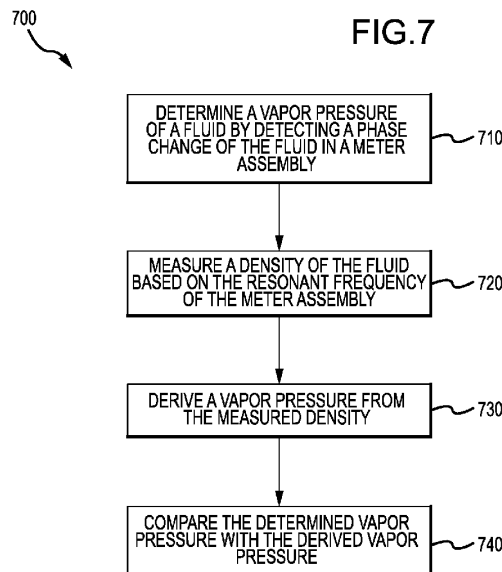
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(54) Title: USING A DENSITY MEASUREMENT OF A FLUID TO VERIFY A VAPOR PRESSURE



(57) Abstract: A meter electronics (20) for using a density measurement of a fluid to verify a vapor pressure is provided. The meter electronics (20) includes a processing system (200) communicatively coupled to a meter assembly (10) having the fluid, the processing system (200) is configured to determine a vapor pressure of the fluid by detecting a phase change of the fluid in the meter assembly (10), measure a density of the fluid based on a resonant frequency of the meter assembly (10), derive a vapor pressure from the measured density, and compare the determined vapor pressure with the derived vapor pressure.

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