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(54) Title: ENHANCED SUPERCRITICAL FLUID MEASUREMENT WITH VIBRATORY SENSORS

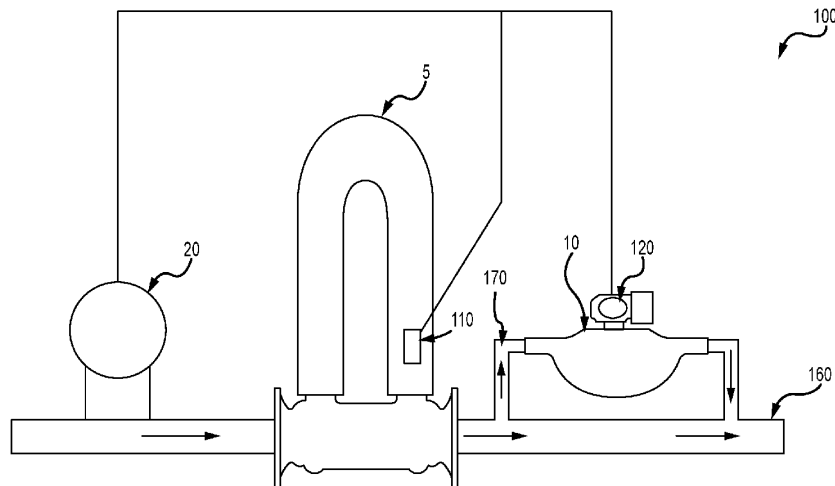


FIG. 1

(57) Abstract: A method for inferring an inferred speed of sound of a flow fluid is disclosed. The method is conducted by a computer system (200) having a processor (210) and a memory (220), the processor (210) configured to execute instructions from the memory (220) and store data in the memory (220), the memory (220) having a SoS inference module (202). The method includes inferring, by the SoS inference module (202), the inferred speed of sound of the flow fluid based on an inferential relationship between a measured density of the flow fluid and the inferred speed of sound of the flow fluid.

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