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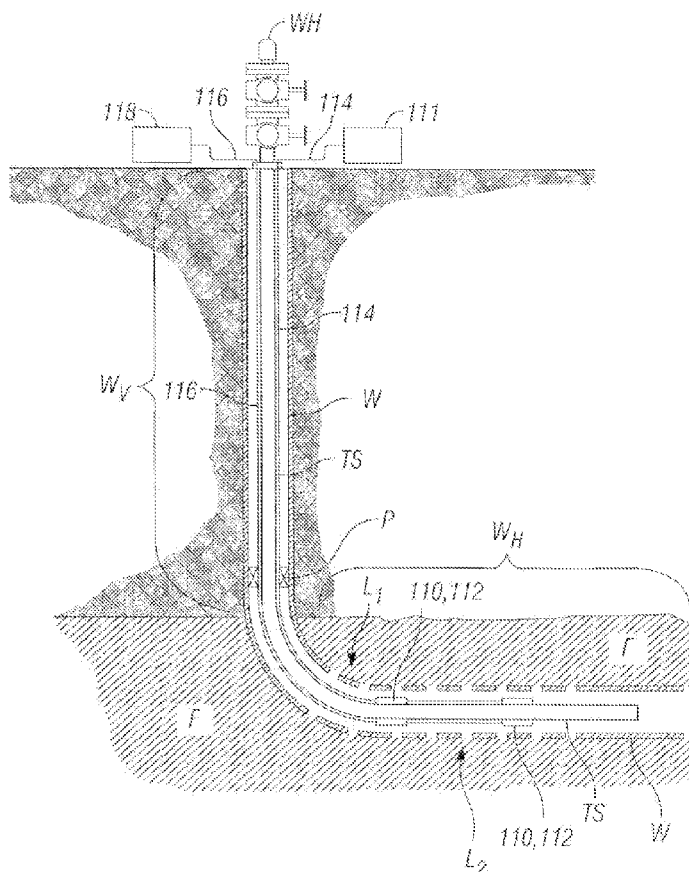
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(54) Title: FLUID FLOWRATE DETERMINATION



(57) Abstract: A method and apparatus are useful for determining the flow rate of fluid flowing within a passage. The method comprises the step of measuring the equilibrium temperature of a location of interest within or proximate to the passage within which fluid flows. The temperature of the location of interest is perturbed to a second temperature, and the temperature of the location of interest is then allowed to return to its equilibrium temperature. The temperature of the location of interest is monitored as it transitions between the second temperature and the equilibrium temperature. The monitored temperature transition is then used to determine the flow rate of the fluid flowing within the passage.



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