

[54] FLUID FLOW MEASURING SYSTEM AND METHOD

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[57] **ABSTRACT**

A fluid flow level detector contacts a fluid surface in an open channel providing a fluid surface height signal related to a predetermined reference height level. The flow level detector immediately withdraws upon contacting the fluid surface and exhibits a time delay before subsequently seeking to regain surface contact. Auxiliary signals are produced related to specific predetermined fluid surface height levels. The fluid surface signal is directed to a computer where it is converted into a signal related to flow volume by a function read-only memory. Totalized flow volume is provided along with an optional time display recording.

12 Claims, 9 Drawing Figures

