



US005802728A

United States Patent [19]

[11] Patent Number: **5,802,728**

Karnick et al.

[45] Date of Patent: **Sep. 8, 1998**

- [54] **LIQUID LEVEL AND ANGLE DETECTOR**
- [75] Inventors: **Drew A. Karnick; William S. Watson,**
both of Eau Claire, Wis.
- [73] Assignee: **Watson Industries, Inc.,** Eau Claire,
Wis.
- [21] Appl. No.: **516,310**
- [22] Filed: **Aug. 17, 1995**
- [51] Int. Cl.⁶ **G08C 19/10**
- [52] U.S. Cl. **33/366**
- [58] Field of Search 33/366; 324/679;
340/689; 73/304 C

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Primary Examiner—Ronald L. Biegel
Attorney, Agent, or Firm—Moore & Hansen

[57] ABSTRACT

A feedback circuit for generating an output signal from a sensor that makes changing electrical and temperature characteristics of the sensor and any sensing medium irrelevant. The sensor is placed in the forward loop of the circuit to make the output depend on the area of the parallel plates the sensor, not on any electrical or temperature characteristics of the sensor or sensing medium. A liquid filled sensor having parallel conducting plates, one solid and the other being split into two differential plate sections may be used in the forward loop as a liquid level sensor or an inclinometer. Alternative sensors such as inductive sensors may also be used.

38 Claims, 4 Drawing Sheets

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