

[54] **AUTOMATIC RECORDING RAIN GAUGE**

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[58] Field of Search.....73/171, 227, 232, 223, 224

[56] **References Cited**

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[57] **ABSTRACT**

According to the present invention a rain gauge comprises a container for collecting rain, a pump operative to pump rain water from the container, an electrical sensor responsive to the level of rain water in the container and operative to make and break the supply of power to the pump and means responsive to the drive motion of the pump for affording a measure of rain water collected in and pumped from the container.

In order that the amount of rain water pumped, during each revolution of the pump, is repeatable to a very high accuracy a peristaltic pump may be used.

Indicator means, for example a revolution counter or an electronic counter, may be provided to record the drive motion of the pump.

8 Claims, 4 Drawing Figures

