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(54) **HIGH PURITY FLUID DELIVERY SYSTEM**

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(58) **Field of Classification Search** **137/12, 137/14, 487.5; 222/52, 63, 71, 386.5, 389; 451/60, 99, 446**
See application file for complete search history.

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(57) **ABSTRACT**

A fluid delivery system includes a flow control device and a Coriolis mass flowmeter in fluid communication with the flow control device. The Coriolis flowmeter has a flow-tube made of a high-purity plastic material, such as PFA, making the delivery system suitable for high purity applications. A controller provides a control output signal to the flow control device, which may comprise a pinch valve, so as to vary the flow control device output in response to a setpoint signal and measurement signals received from the flowmeter.

14 Claims, 6 Drawing Sheets

