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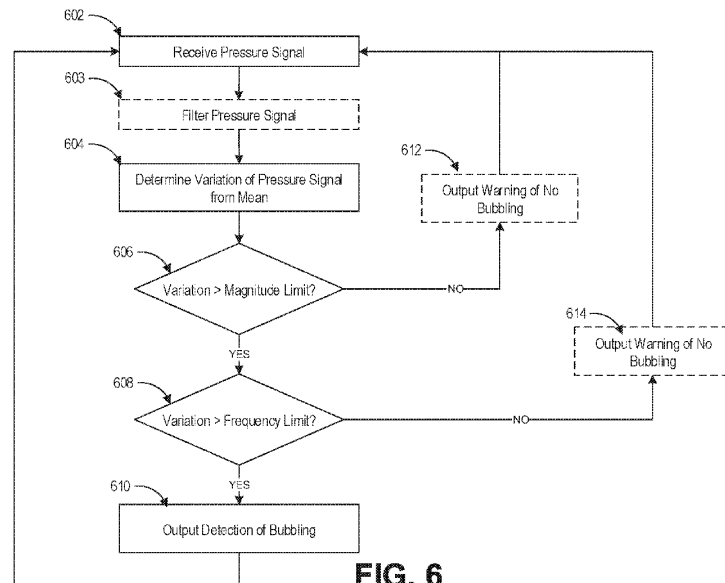


FIG. 6

(57) Abstract: Respiratory systems with a flow generator can provide bubble CPAP therapy by controlling the pressure of a flow of gas delivered to a patient. The controller of the respiratory system can control a motor speed of its flow generator so as to control the pressure of the flow of gas. The controller can also detect presence of bubbling and/or possible leaks in the gas pathway of the system. The respiratory system can include a high flow respiratory system.

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