ABSTRACT

FLOW PATH SENSING FOR FLOW THERAPY APPARATUS

[0200] A respiratory flow therapy apparatus including a sensing chamber which measures a flow of gases provided to a patient. The sensing chamber can be located after a blower and/or mixer. The sensing chamber can include an ultrasonic transducer, a temperature sensor, a heated temperature sensing element, and/or a gas concentration sensor. A flow path of gases used in conjunction with the sensor system prevents unwanted vorticity in the flow of gases that can create anomalies in measuring flow.

(Fig. 1)