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(54) **METHODS AND APPARATUS FOR VENTILATORY TREATMENT OF RESPIRATORY DISORDERS**

(57) The present application discloses an apparatus for treating a respiratory disorder in a patient, comprising: a pressure generator configured to supply a flow of air at positive pressure to an airway of the patient through a patient interface; a sensor configured to generate a signal representative of respiratory flow rate of the patient; and a controller configured to: control the pressure generator to provide ventilation therapy to the patient,

the ventilation therapy having a base pressure, detect an apnea from the signal representative of respiratory flow rate, compute a measure of ventilation of the patient from the signal representative of respiratory flow rate; and adjust a set point for the base pressure of the ventilation therapy in response to the apnea based the measure of ventilation during the apnea.

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Place of search Munich		Date of completion of the search 7 February 2024	Examiner Trattner, Barbara
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