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(57) Abstract: Described is a system including an air pressure supply arrangement, a sensor and a titration device. The air pressure supply arrangement provides air pressure to a patient's airways. The sensor detects input data corresponding to a patient's breathing patterns of a plurality of breaths. The titration device receives and analyzes the input data to determine existence of breathing disorder and corresponding characteristics. The titration device generates output data for adjusting the air pressure supplied to the patient as a function of an index of abnormal respiratory events included in the input data.



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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0255942 A1 (RAPOPORT) 23 December 2004 (23.12.2004) entire document	1-23
A	US 6,920,877 B2 (REMMERS et al) 26 July 2005 (26.07.2005) entire document	1-23
A	US 5,645,054 A (COTNER et al) 08 July 1997 (08.07.1997) entire document	1-23
A	US 6,752,150 B1 (REMMERS et al) 22 June 2004 (22.06.2004) entire document	1-23
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