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(54) Title: SYSTEM AND METHOD FOR VARYING DATA VOLUME TRANSMITTED TO EXTERNAL SOURCE

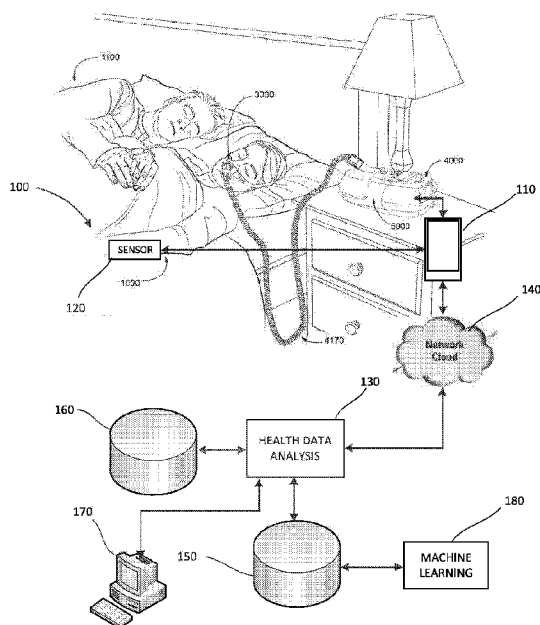


FIG. 1A

(57) Abstract: A system and method for monitoring the health of a patient is disclosed. The system includes a respiratory therapy device having a transmitter and an air control device to provide respiratory therapy to a patient. The respiratory therapy device collects operational data and transmits the collected operational data. A health analysis engine is in communication with the respiratory therapy device. The health analysis engine receives the collected data to determine a health condition of the patient based on the collected data. The respiratory therapy device sends either low or high resolution data to the health analysis engine. The high resolution data is transmitted based on the occurrence of an event detected based on the low resolution data.



MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
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A. CLASSIFICATION OF SUBJECT MATTER

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CPC - A61M 16/024; A61M 16/0003; A61M 16/0051; A61M 16/0066; A61M 16/026 (2019.08)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC - 128/204.23; 600/300; 600/515 (keyword delimited)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2013/0253355 A1 (FAHEY) 26 September 2013 (26.09.2013) entire document	1, 10, 14, 15, 21, 24, 25, 27-29, 31, 41
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Y		2-9, 11-13, 22, 23, 30
Y	US 2017/0311879 A1 (RESMED LIMITED) 02 November 2017 (02.11.2017) entire document	2-9, 22
Y	US 2013/0012879 A1 (DEBELSER et al) 10 January 2013 (10.01.2013) entire document	11, 13
Y	US 2010/0268157 A1 (WEHBA et al) 21 October 2010 (21.10.2010) entire document	12
Y	US 2011/0025493 A1 (PAPADOPOULOS et al) 03 February 2011 (03.02.2011) entire document	13
Y	US 2018/0236191 A1 (RESMED LIMITED) 23 August 2018 (23.08.2018) entire document	23, 30
A	US 2005/0217674 A1 (BURTON et al) 06 October 2005 (06.10.2005) entire document	1-15, 21-31, 41
A	US 2018/0193577 A1 (RESMED LIMITED) 12 July 2018 (12.07.2018) entire document	1-15, 21-31, 41
A	US 2014/0283835 A1 (RESMED LIMITED) 25 September 2014 (25.09.2014) entire document	1-15, 21-31, 41

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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