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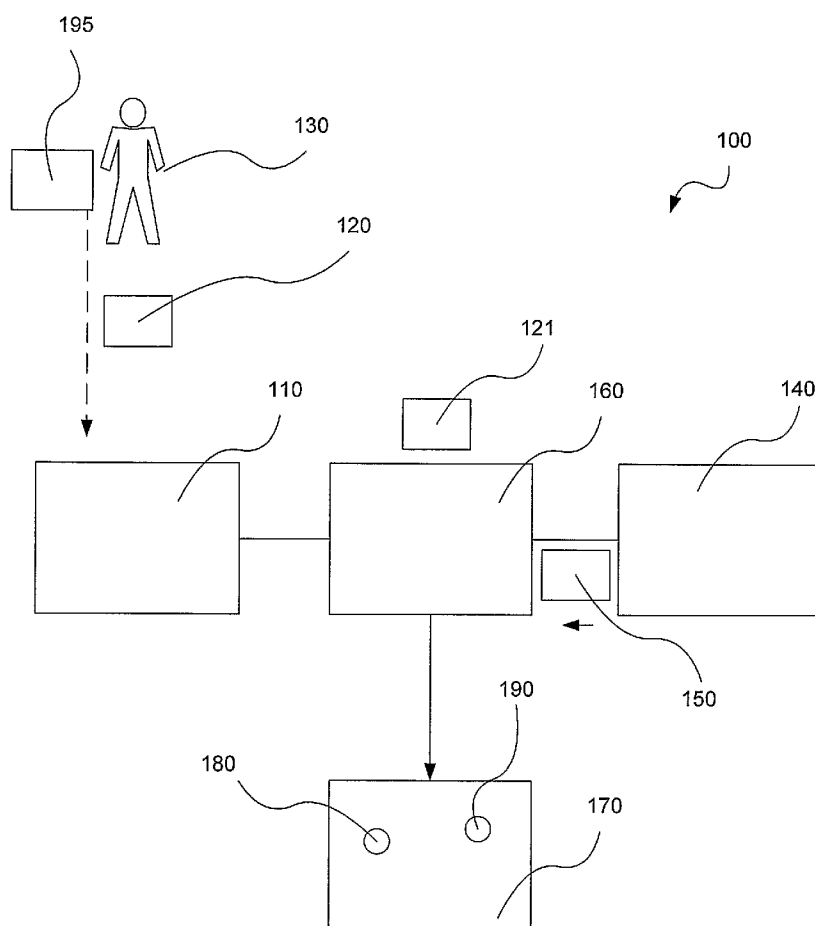
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(54) Title: BREATH BIOFEEDBACK SYSTEM AND METHOD



(57) Abstract: A breath biofeedback method and system for encouraging a subject to modify respiration. The system includes a thoracic volume input module measuring thoracic volume data of the subject and a pattern module providing target breathing patterns in communication with a display generator. The display generator producing display information representing a displayable image including a first object having a first position determined as a function of the thoracic volume data and a second object having a second position determined as a function of the target breathing pattern and the thoracic volume data. The displayable image is designed such that when displayed on the display device the displayable image encourages the subject viewing the displayable image to modify respiration.



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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61B 5/08** (2006.01)

USPC: 600/538

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)

U.S. : 600/538, 28,300,539,541,529,587; 434/236,262; 128/200.14,202.21,205.23,202.22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
google, www.trainair.co.uk/tutorial/software.htm

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 4,984,158 A (Hillsman) 08 January 1991 (08.01.1991), See Abstract, Column 2, line 58-Column 3, line 10; Column 3, lines 30-36; Column 4, lines 17-37, Column 5, lines 43-50; Column 6, lines 60-68 and Column 9, lines 47-55	1-10,12-15,19-20,24,28-30
Y	www.trainair.co.uk/tutorial/software.htm, 09 December 2001 (09.12.2001), See the entire Tutotrial	4,11,16-16, 21-23,25-27
Y	US 2005/0124906 A1 (Childre et al) 09 June 2005 (09.06.2005), see the entire document.	4,11,16-18,21-23,25-27

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

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