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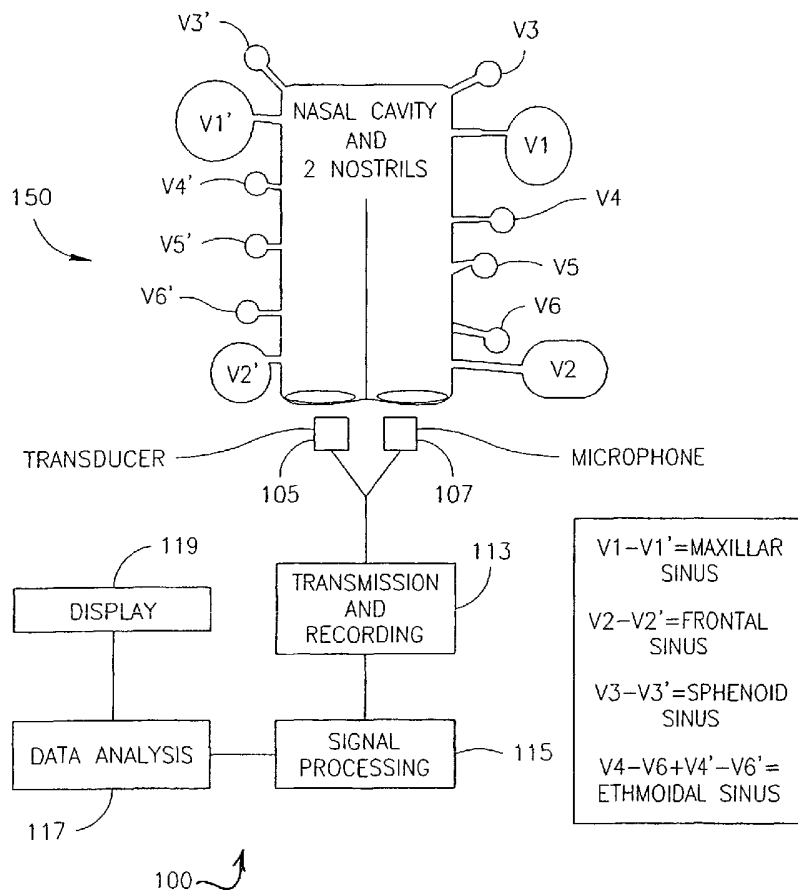
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(54) Title: ACOUSTIC DIAGNOSIS OF SINUSITIS



(57) Abstract: A system for diagnosing sinusitis in a human subject including: a miniature transducer for emitting a sound signal; a miniature microphone for detecting sound signals; a transducer holder configured to contain the miniature transducer and a microphone holder configured to contain the miniature microphone, each configured to be inserted into a nostril of a human subject; signal processing apparatus for controlling sound signals emitted by the miniature transducer and for processing sound signals detected by the miniature microphone; and data analysis apparatus for analyzing the processed detected sound signals, which includes a data storage device for storing processed sound signals, baseline signals representing measurements taken on healthy subjects, and programs for data analysis.

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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00397

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : A61B 5/08 US CL : 600/529, 300 According to International Patent Classification (IPC) or to both national classification and IPC											
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 600/529, 300, 552, 559, 586 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST											
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Category *</th> <th style="width: 70%;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="width: 20%;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A, P</td> <td>US 6,491,641 B1 (RASMUSSEN) 10 December 2002 (10.12.2002), Abstract.</td> <td style="text-align: center;">19 and 23</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 5,316,002 A (JACKSON et al) 31 May 1994 (31.05.1994), Abstract.</td> <td style="text-align: center;">19 and 23</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	A, P	US 6,491,641 B1 (RASMUSSEN) 10 December 2002 (10.12.2002), Abstract.	19 and 23	A	US 5,316,002 A (JACKSON et al) 31 May 1994 (31.05.1994), Abstract.	19 and 23
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<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.											
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;">                 * Special categories of cited documents:                  "A" document defining the general state of the art which is not considered to be of particular relevance                  "E" earlier application or patent published on or after the international filing date                  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)                  "O" document referring to an oral disclosure, use, exhibition or other means                  "P" document published prior to the international filing date but later than the priority date claimed             </td> <td style="width: 50%; vertical-align: top;">                 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention                  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone                  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art                  "&amp;" document member of the same patent family             </td> </tr> </table>			* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family							
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