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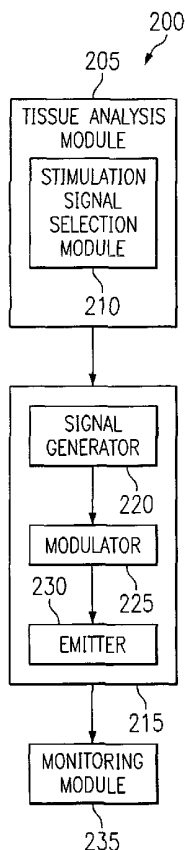
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[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR MODULATION OF OSCILLATING SIGNALS TO ENHANCE BIOLOGIC EFFECTS

(57) Abstract: A system and method for increasing the efficacy of stimulation signal therapy applied to selected tissue at a treatment site is disclosed. The method includes determining a stimulation signal capable of effecting desired results on the selected tissue and selectively modulating the stimulation signal such that the desired effect is achieved at the treatment site. The system includes a signal generator (220) configured to produce a desired biologic effect on selected tissue at the treatment site, a modulator (225) configured to selectively modulate the stimulation signal such that the stimulation signal correlates with at least one characteristic of the selected tissue and an emitter configured to apply the stimulation signal to the selected tissue.



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## INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

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US CL : 607/50

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. : 607/50-52, 97; 604/22

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)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,447,509 A (MILLS et al), 05 September 1995, see entire doc.	1-24, 26, 28-37
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Y		25, 27
X	US 5,547,459 A (KAUFMAN et al) 20 August 1996, see entire doc.	1-79-24, 26, 28-35
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Y		25, 27

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

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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