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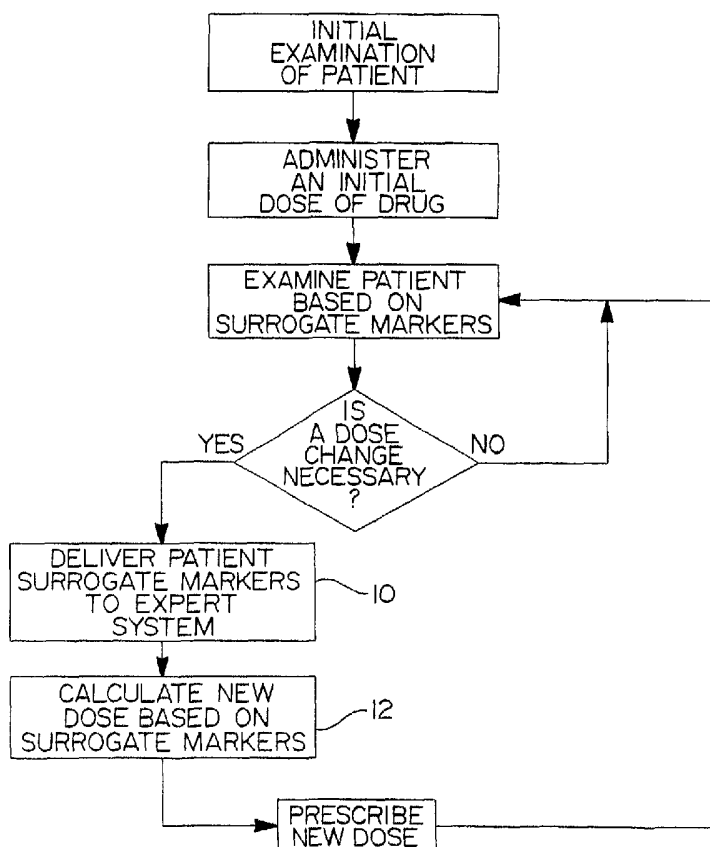
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(54) Title: METHOD AND SYSTEM TO DETERMINE REVISED DOSAGE



(57) Abstract: A method, system and apparatus for use in treating a patient receiving a biological substance, such as a cancer vaccine, to optimize therapy and prevent an adverse response. This system employs surrogate markers or indicators including blood levels of the vaccine to determine the next required dose for a patient. Since the surrogate markers may be employed as a percent change in status, virtually any indicator can be used. Surrogate markers could include any measure of the effectiveness of the vaccine's action. Given the effectiveness of the vaccine's action relative to the surrogate markers, a change in vaccine dose is calculated by the system. Conversely, by employing this system, one could determine the expected result of the vaccine dose change on the surrogate markers.



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A. CLASSIFICATION OF SUBJECT MATTER

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 US CL : 128/898

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. : 128/897-898; 600/300, 308, 347, 364-366, 368

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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.
A, p	US 6,267,116 B1 (McMICHAEL) 31 July 2001, see entire document.	1-35

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

* Special categories of cited documents:	"T"
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"P" document published prior to the international filing date but later than the priority date claimed	

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