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(54) Title: BIO-SURVEILLANCE SYSTEM

(57) Abstract: A bio-surveillance system monitors symptoms or groups of symptoms experienced by people in a geographical area. The system tracks symptoms reported by calls to an emergency service dispatcher. The bio-surveillance system monitors the symptoms and associates the geographical location with the symptoms. Various triggers are programmed and stored in the system to look for certain types of threats. Each trigger is set based on a statistical variation of the historical data relating to the symptoms within a predetermined time in a predefined geographical area. When the reported symptoms exceed one of the triggers, an alert is activated to provide an indication of a potential biological or chemical terrorist attack.



## INTERNATIONAL SEARCH REPORT

Ini onal Application No Pull US 03/25967

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F19/00

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

### B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G06F} \end{array}$ 

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 practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, EMBASE, BIOSIS

Category °	Citation of document, with indication, where appropriate, of	the relevant passages	Relevant to claim No.
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		-/	
χ Fur	ther documents are listed in the continuation of box C.	Patent family members are liste	d in annex.
Paragrama of the color of the c	ategories of cited documents :  tent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international	*T* later document published after the ir or priority date and not in conflict will cited to understand the principle or invention  *X* document of particular relevance; the cannot be considered novel or can involve an inventive step when the cannot be considered to involve an document is combined with one or ments, such combination being obvin the art.  *&* document member of the same pate	nternational filing date the the application but theory underlying the e claimed invention not be considered to document is taken alone e claimed invention inventive step when the more other such docu- ious to a person skilled
A' docum consi E' earlier filing 'L' docum which citatio 'O' docum other 'P' docum later t	ategories of cited documents :  tent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) tent referring to an oral disclosure, use, exhibition or means that published prior to the international filing date but than the priority date claimed	"T" later document published after the ir or priority date and not in conflict will cited to understand the principle or invention  "X" document of particular relevance; the cannot be considered novel or cannot be to ensidered novel or cannot be considered to involve an inventive step when the cannot be considered to involve an document is combined with one or ments, such combination being obvin the art.  "&" document member of the same pate	nternational filing date the application but theory underlying the e claimed invention not be considered to document is taken alone e claimed invention inventive step when the more other such docu- ious to a person skilled

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