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(54) **Title:** MEDICAL ASSESSMENT SUPPORT SYSTEM AND METHOD



(57) **Abstract:** The invention is directed to a medical assessment support system. In one embodiment, a user inputs a query that identifies an adverse event that a patient has experienced and the ailments (diseases, disorders, symptoms, conditions etc.) that the patient has experienced. In response, the system causes one or more database searches to be performed to identify one or more possible causes of the adverse event for a patient with the identified ailments. In another embodiment, the user inputs a combination of one or more drugs that a patient has taken and one or more ailments that the patient has experienced. The system operates to determine if there is an adverse event associated with the specified combination and reports any such adverse event to the user. The system retains a copy of any such report for comparison to later searches

so as to avoid reporting the same possible adverse event multiple times. The system conducts any such search on a predetermined schedule or can do so at the request of the user. In another embodiment, the system integrates adverse event-drug-ailment associations with electronic medical record (EMR) systems to identify, to health care providers or users, patients who may be potentially at risk for those adverse events.

## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC: <b>G06Q 10/00</b> ( 2006.01)  USPC: 705/2 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. : 705/2,3  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.
<b>X</b>	US 2001/0032099 A1 (JOAO) 18 October 2001 (18. 10.2001)	1-16
<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>
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