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(54) Title: METHODS FOR IDENTIFYING COMPOUNDS FOR TREATING DISEASE STATES

(57) Abstract: The process of System Reconstruction is used to integrate sequence data, clinical data, experimental data, and liter-
ature into functional models of disease pathways. System Reconstruction models serve as informational "skeletons" for integrating
various types of "high throughput" data.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06N 3/00
 US CL : 703/2, 11

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. : 703/2, 11

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; search terms: metabolic pathway, reaction pathway, drug, disease

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/50889 A1 (WARNER-LAMBERT COMPANY) 31 August 2000 (31.08.2000), pages 4-5, 8-9, 12-13.	1-3
X, P	US 2002/0159625 A1 (ELLING) 31 October 2002 (31.10.2002), pages 11 and 14-16.	1-3
X, E	US 2003/0224363 A1 (PARK et a.) 04 December 2003 (04.12.2003), pages 2, 5-7, 17.	1-3

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☐ See patent family annex.

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