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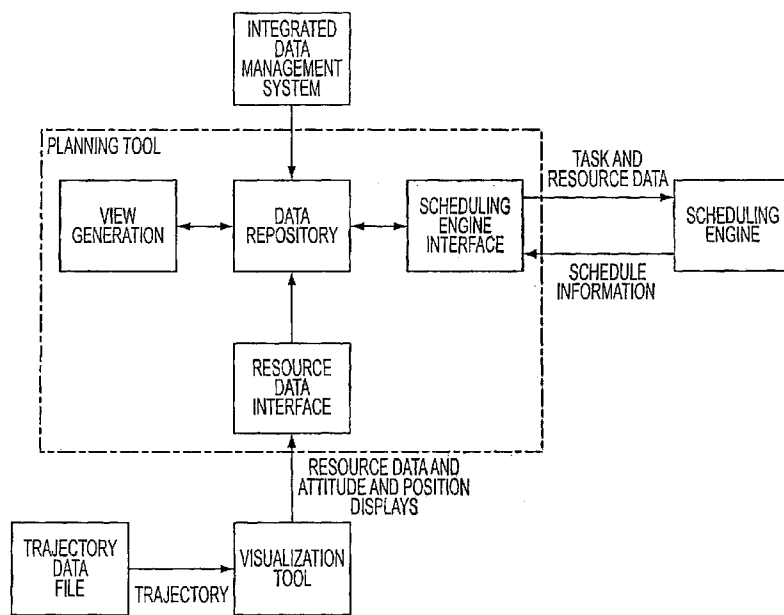
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(54) Title: AUTOMATED RESOURCE PLANNING TOOL AND USER INTERFACE



(57) Abstract: An automated planning tool for scheduling tasks to be performed based on resources available in a constrained environment gives crew members, employees, or others responsible for the performance of tasks in the constrained environment the power to adjust task schedules based on dependency, condition, or resource associated with the task (Figure 1) The planning tool incorporates task data, including visualisation and imaging data, human and vehicle resources data, time scheduling and reference data, task-related vehicle condition and orientation, and task dependencies in a planning tool user interface (Figure 2).

WO 2007/025220 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **G06F 19/00(2006.01);G06F 3/00(2006.01)**

 USPC: **705/8,9;715/700**
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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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)
 USPAT, US PG PUB, DERWENT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 5606695 A (DWORZECKI) 25 July 1997 (25.07.1997).	39

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	KURT Cindy M. "Autonomy and Operations: Implementation Scenarios," United Space Alliance, LLC [disclosure/publication date unknown].	1-52