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(54) Title: STATECHART GENERATION USING FRAMES

(57) Abstract: A Statechart (400) for management of an interaction is generated automatically from a frame (100, 200, 304) that describes the interaction by extracting a data model (300) and a set of goals (302) from the frame and then generating a Statechart (400) from the data model (300) and the set of goals (302). The data model (300) includes a set of data fields (306, 308) to be completed during the interaction. Procedural logic (206, 208) is extracted from the frame and used to annotate the Statechart with, for example, initial and final rules, prompts and grammar (502-512). The Statechart (400) may be stored for future use or editing, or used to manage a current interaction.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **G06F 9/44(2006.01);G06F 17/50(2006.01)**
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 USPC: **717/104,113;704/257,275,235,251;715/861,771,788,810,823,825,838,854**
 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. : 717/104,113; 704/257,275,235,251; 715/861,771,788,810,823,825,838,854

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)
 IEEE.com

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,995,739 (Rotbart) 30 Nov 1999 (30.11.1999), col., 3, 54-67, col. 4, 34-67, col. 5, 9-40, col. 7 to col. 8, col. 6, 33-36, FIG. 4, col. 2, 25-40.	1-5, 7-14 ----- 6
A	US 5,790,898 A (KISHIMA et al) 04 August 1998, entire patent.	1-14
A,P	US 2007/0074184 A1 (RAGHAVAN et al) 29 March 2007, entire publication.	1-14

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

* Special categories of cited documents:	"T"
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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