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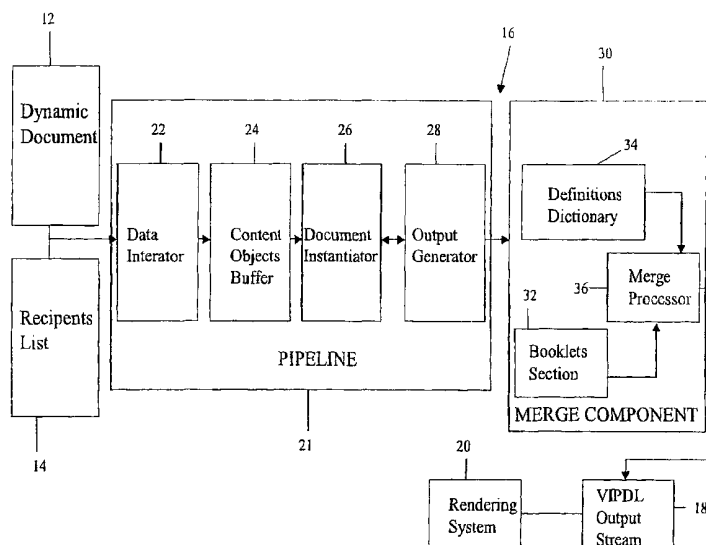
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(54) Title: SYSTEM AND METHOD FOR PRODUCTION OF DYNAMIC DOCUMENTS UTILIZING A PAGE DESCRIPTION LANGUAGE



(57) Abstract: A production system and method for producing a variable information page description language (VIPDL) output stream from a dynamic document (12) and a recipients list (14), including a data iterator (22) for iterating through recipients list one record at a time for the purpose of computing values for each object in the dynamic document of a record. In addition, a document instantiator (26) is used for creating an instance document for a record, and an output generator (28) operating in tandem with the document instantiator (26) generates code specifying the rendering of the document instance. A merge component (30) is then utilized for generating the VIPDL output stream (18) from output of the output generator.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 7/00, 15/00, 17/00, 17/21, 17/24

US CL : 707/103, 516

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. : 707/103, 516

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

search terms: PDL, page description language, variable data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,806,068 A (SHAW et al) 08 September 1998, whole document.	1-31
A	US 4,815,029 A (BARKER et al) 21 March 1989, whole document.	1-31
A	VEMURI. R. Performance modeling using PDL IEEE Computer April 1996. Vol 29. Issue 4. pages 44-53.	1-31

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

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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