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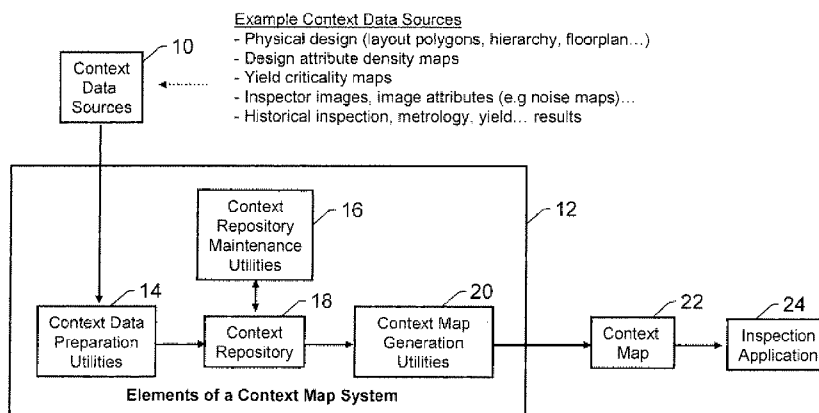
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(54) Title: SYSTEMS AND METHODS FOR CREATING INSPECTION RECIPES



Canonical Context Map Development and Maintenance Flow

(57) Abstract: Systems and methods for creating inspection recipes are provided. One computer-implemented method for creating an inspection recipe includes acquiring a first design and one or more characteristics of output of an inspection system for a wafer on which the first design is printed using a manufacturing process. The method also includes creating an inspection recipe for a second design using the first design and the one or more characteristics of the output acquired for the wafer on which the first design is printed. The first and second designs are different. The inspection recipe will be used for inspecting wafers after the second design is printed on the wafers using the manufacturing process.

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INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER
 INV. G06F17/50 G01R31/28

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)
 G06F G01R

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/039584 A (KLA TENCOR TECH CORP [US]; HUET PATRICK [US]; SHANBHAG MARUTI [IN]; BH) 13 April 2006 (2006-04-13) the whole document, in particular passage from page 6, line 1, to page 10, line 20, with respect to Fig. 1	1-23
A	US 2004/223639 A1 (SATO YOSHIYUKI [JP]) 11 November 2004 (2004-11-11) the whole document, in particular paragraphs [0035] to [0069].	1-23
A	US 6 324 298 B1 (O'DELL JEFFREY [US] ET AL) 27 November 2001 (2001-11-27) the whole document	1-23

 Further documents are listed in the continuation of Box C.

 See patent family annex.

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- *P* document published prior to the international filing date but later than the priority date claimed

- *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
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- *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.
- *Z* document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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