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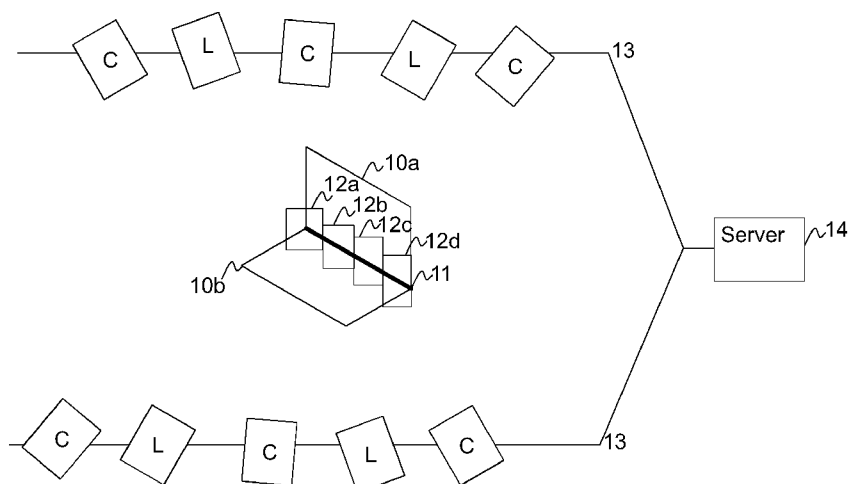
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(54) **Title:** MACHINE VISION SYSTEM FOR QUALITY CONTROL**Figure 1**

(57) **Abstract:** A system and a method for inspecting quality of a portion of a manufactured object. The system is configured to acquire a plurality of different images from a seam (11) which forms a portion of an object (10a, 10b) to be inspected. The plurality of different images may be acquired by using a plurality of cameras (C) or plurality of different lighting conditions or a combination thereof. From the plurality of different images it is possible to compute a value representing the quality of the seam.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI2012/050213

A. CLASSIFICATION OF SUBJECT MATTER

See extra sheet

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)

IPC: B23K, G01B, G01N, G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

FI, SE, NO, DK

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0196839 A1 (TERADYNE INC) 20 December 2001 (20.12.2001) abstract; pp. 6-8; figs. 1, 2	1-8
X	US 5978090 A (BURRI KARL-GEORG et al.) 02 November 1999 (02.11.1999) cols. 2, 3; claim 9; figs. 1-3	1-8
X	US 4863268 A (CLARKE DONALD A et al.) 05 September 1989 (05.09.1989) abstract; col. 11; fig. 7	1, 3-8
X	US 2009281753 A1 (NOY NOAM) 12 November 2009 (12.11.2009) pars. [0039], [0045]; claims 1, 18; figs 4B, 4C	1, 3-8
A	WO 2006048500 A1 (VALTION TEKNILLINEN et al.) 11 May 2006 (11.05.2006) entire document	

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

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6204469 B1 (FIELDS JR DONALD R et al.) 20 March 2001 (20.03.2001) entire document	

INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report	Publication date	Patent family members(s)	Publication date
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