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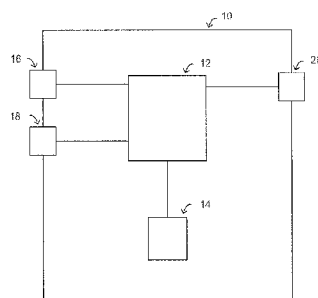
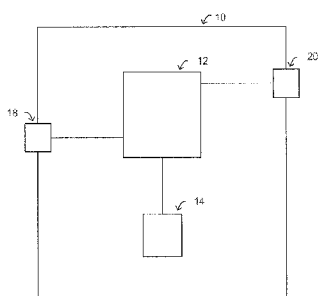
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[Continued on next page]

(54) Title: FIELD METERING PATROL SYSTEM AND METHOD FOR METERING AND MONITORING PRINTERS

Fig. 1



(57) Abstract: A standalone printer monitoring device comprising a processing unit, a memory capable of communicating with the processing unit, a network interface interconnected to the processing unit wherein the network interface is configured to receive DC power over a network to power the device, a printer discovery engine configured to discover a plurality of printers on a network, a printer patrol engine configured to patrol the printers discovered by the printer discovery engine, and a reporting engine configured to report to a centralized repository information collected by the printer patrol engine.



SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
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## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US20 11/028581****A. CLASSIFICATION OF SUBJECT MATTER****G06F 3/12(2006.01)i, H04L 12/26(2006.01)1**

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 3/12; G06F 15/00; G06F 15/177

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) &amp; Keywords: "printer", "detect", "status", "report", "recognize", "monitor", "sensing"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2009-0147299 A1 (TETU KEVIN) 11 June 2009 See abstract; paragraphs [0200], [0209], [0270]; figures 1-2; claim 71.	1-14
A	US 2005-0286068 A1 (BRUCE JOHNSON et al.) 29 December 2005 See abstract; paragraph [0009]; figure 1; claims 1,4.	1-14
A	US 2004-0019671 A1 (JAMES MICHAEL METZ) 29 January 2004 See abstract; paragraphs [0027]-[0030]; figure 4; claim 1.	1-14
A	US 2008-0309966 A1 (SCAFF MARVIN) 18 December 2008 See abstract; paragraphs [0018], [0034].	1-14

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

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

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Date of mailing of the international search report

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2011/028581**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2009-0147299 A1	11.06.2009	CA 2615438 A1 Wo 2007-01 1419 A3	25.01.2007 30.08.2007
US 2005-0286068 A1	29.12.2005	None	
US 2004-001967 1 A1	29.01.2004	US 7451200 B2	11.11.2008
US 2008-0309966 A1	18.12.2008	None	