

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/001601 A3

(51) International Patent Classification⁷: **G06F 3/12**, 15/12

(21) International Application Number:
PCT/US2004/015384

(22) International Filing Date: 14 May 2004 (14.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/601,213 20 June 2003 (20.06.2003) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
14 April 2005

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.

(54) Title: XML SYSTEM

(57) Abstract: An XML system is configured to print bar code labels, tickets, cards or other media, and/or encode RFID devices embedded in media, based upon an extensible markup language (XML) input data stream. The XML system includes a computer system having a memory subsystem, a communication interface operatively coupled to a network, an XML processor configured to receive and process the XML input data stream, and an extensible stylesheet language transformation (XSLT) processor configured to either obtain a stylesheet identified in the XML data stream or obtain the stylesheet from a stylesheet repository. The XSLT processor transforms data in the XML input data stream into transformed XML data based upon the stylesheet obtained. Also included is an extensible stylesheet language formatting object (XSLFO) processor configured to format the transformed XML data into formatted XML data based upon XSLFO instructions contained in the stylesheet, and a rendering subsystem configured to receive the formatted XML data and generate a printable representation of the bar code label, tag, ticket, card, other media, and/or generate encoding information for an RFID device.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/15384

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 3/12, 15/12 US CL : 235/432, 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. : 235/432, 383, 380, 487, 375; 705/404 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) EAST		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,540,142 B1 (ALLESHOUSE) 01 April 2003 (01.04.2003).	1-25
A	US 6,305,605 B1 (GOETZ et al.) 23 October 2001 (23.10.2001).	1-25
A	US 6,568,596 B1 (SHAW) 27 May 2003 (27.05.2003).	1-25
A,P	US 6,655,593 B2 (ALLESHOUSE) 02 December 2003 (02.12.2003).	1-25
A,E	US 6,764,009 B2 (MELICK et al.) 20 July 2004 (20.07.2004).	1-25
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Date of the actual completion of the international search 26 January 2005 (26.01.2005)		Date of mailing of the international search report 01 MAR 2005
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