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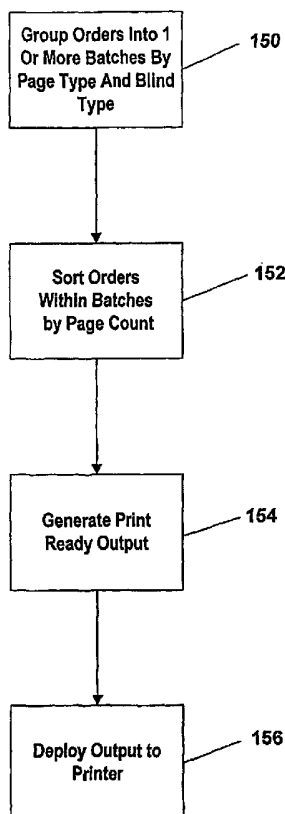
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(54) Title: N-UP PRINTING



(57) Abstract: A method and a computer data signal including instructions for processing printed unit orders for printing on printers adapted for printing N pages across a print web. The orders are grouped based on page type (e.g., size, thickness, color) and binding type into print batches. These print batches are sorted, processed and then sent to the printer. Printed units may be organized with N single printed units printed in parallel across the web, a single printed unit sorted into N sections printed in parallel across all of the webs, or in super batches including multiple printed units, with N super batches printed in parallel across the web.

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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. : 101/483; 399/385; 715/530,764; 707/1, 517; 358/1.13, 1.18

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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 5,331,387 (Okada et al.) 19 July 1994 (19.07.1994), column 3, lines 13-59)	1-38
A	US 5,953,007 (Center et al.) 14 September 1999 (14.9.1999), column 6, lines 62-67, column 7, lines 1-10.	1-38
A	US 2002/0078012 A1 (Ryan et al.) 20 June 2002 (220.6.2002), page 6, paragraph [0052], page 7, paragraphs [0054-0060].	1-38
A, E	US 2004/0194033 A1 (Holzwarth et al.) 30 September 2004 (30.9.2004), page 5, [paragraphs 0030-0031], page 6, paragraph [0037].	1-38

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

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