Title (en)

A REPRODUCTION SYSTEM AND METHOD FOR PRODUCING COPIES

Publication

EP 0046675 B1 19850612 (EN)

Application

EP 81303835 A 19810821

Priority

US 18018480 A 19800821

Abstract (en)

[origin: EP0046675A2] A reproduction system for producing copies of a set of document sheets and a method of producing bound sets of copy sheets are disclosed. A very high speed, fully automated reproduction system is described having a document handling apparatus, copy sheet processor, and a finishing station. For very high reproduction rates, post-collation of copy sheets into copy sets is utilized. In this arrangement the document apparatus (12) is arranged to expose each document sheet of a document a predetermined number of times before a succeeding document sheet is brought into exposure position so that for each complete circulation of all the document sheets, the document would have been copied a number of times equal to said predetermined number. A sorter bin array (102) having a number of bins (104) equal to said predetermined number is arranged to collate the resultant copy sheets into corresponding copy sets. The copy sets are removed from the bin array for stapling and stacking or non-stapling and stacking (130).

IPC 1-7

G03G 15/00; B65H 31/24; B65H 37/04

IPC 8 full level

B42C 1/12 (2006.01); **B42C 3/00** (2006.01); **B65H 29/34** (2006.01); **B65H 37/04** (2006.01); **B65H 39/11** (2006.01); **G03B 27/00** (2006.01); **G03G 15/00** (2006.01); **G03G 21/00** (2006.01)

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Citation (examination)

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Cited by

US4462527A; EP0051395A3; EP0147142A3; FR2641768A1; EP0063470A1; FR2641771A1; EP0525643A1; US5257080A; US4526309A; EP0669558A3; EP0670527A3; EP0483656A3; US5186445A

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