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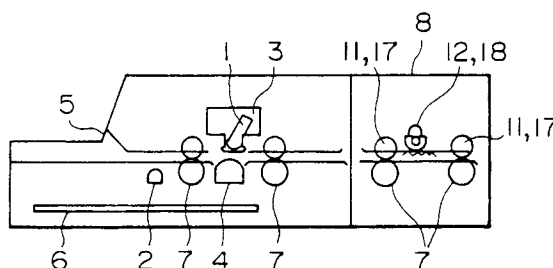
0 543 291 A3

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03.11.93 Bulletin 93/44(71) Applicant: **HITACHI, LTD.**
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D-80538 München (DE)(54) **Bankbook printer.**

(57) A bankbook printer has: a conveying device (7) for conveying a bankbook in predetermined directions; a reading device (2) for reading magnetic information, which device is provided near the conveying device (7); an optical device (1) for reading optical information printed in a bankbook which is being handled by the conveying device (7); a printing device (3) for performing printing to a bankbook, which device is provided substantially in the middle of the conveying device (7); a page-turnover unit (8) for turning pages of a bankbook in response to a signal from the optical device (1); a transmission control device for sending/receiving information to/from the magnetic and optical devices (1) and the outside; a storing device for storing information read by the magnetic and optical devices; and a control device (6) for controlling all of the devices described above. Two types of page-turnover units are provided: a page-turnover unit for handling a bankbook with left-to-right turning in which printing is performed perpendicularly to its spine; and a page-turnover unit for a bankbook with top-to-bottom turning in which printing is performed parallel to its spine, and page-turnover units of both types are detachable from the printer main body. Either one of

the page-turnover units is selectively connected to the main body.

FIG. 1**EP 0 543 291 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 92 11 9470

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	EP-A-0 381 137 (HITACHI K.K.) 8 August 1990 * page 3, column 3, line 45 - page 5, column 7, line 50; figures * ---	1	B41J13/26
A	US-A-4 494 127 (KING) 15 January 1985 * abstract; figures * ---	1	
A	EP-A-0 430 678 (NCR CORP.) 5 June 1991 * page 2, column 2, line 26 - line 46; figures * * abstract; figures * ---	1	
A	EP-A-0 244 879 (UNISYS CORP.) 11 November 1987 * page 3, column 4, line 4 - page 6, column 9, line 19; figures * -----	1,2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B41J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 SEPTEMBER 1993	Examiner RAKOTONDRAJAONA C.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			