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(62) Document number(s) of the earlier application(s) in
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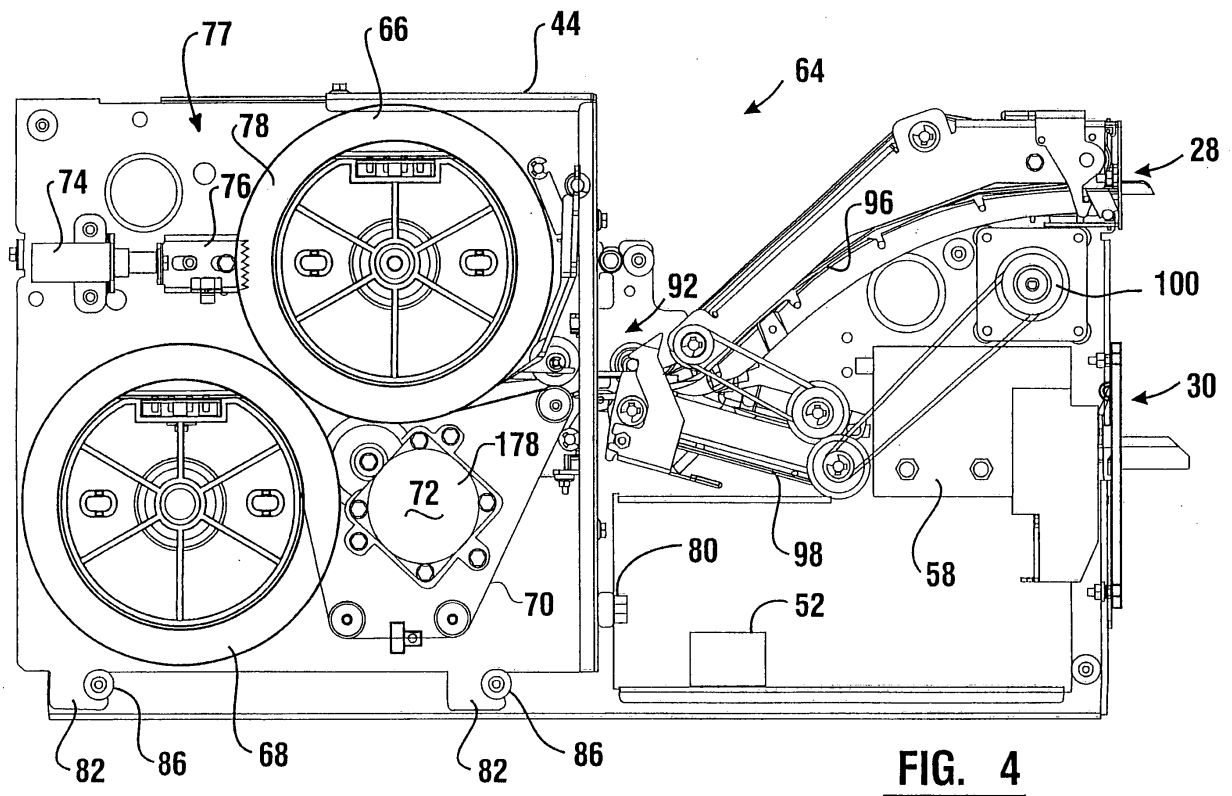
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(54) **Automated transaction machine**

(57) An automated transaction machine (10) includes a note receiving and dispensing mechanism (77). The mechanism includes a storage reel (66), a take-up reel (68) and a flexible web (70) extending between the reels. The note receiving and dispensing mechanism is housed within a note storage module (44). Notes are selectively passed into and out of the storage module to a passage area (92). The machine further includes a note inlet opening (30) and a note outlet (28). A note outlet transport (96) extends between the passage area and the note outlet opening. A note inlet transport (98) ex-

tends between the passage area and the note inlet opening. A note validator (58) extends adjacent to the note inlet transport for purposes of sensing the validity of notes inserted in the machine. The machine is selectively operative responsive to inputs to receive and deliver notes. The machine is further operative to enable replenishment of notes therein without accessing the interior of the housing.





EUROPEAN SEARCH REPORT

Application Number
EP 07 02 0476

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	GB 2 244 838 A (* KABUSHIKI KAISHA TOSHIBA) 11 December 1991 (1991-12-11) * the whole document *	1-10	INV. G06F17/60
X	US 4 775 783 A (SASAKI ET AL) 4 October 1988 (1988-10-04) * the whole document *	1-10	
A	"AUTOMATIC TRANSACTION FACILITY", IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 28, no. 3, August 1985 (1985-08), page 1032, XP002058709, ISSN: 0018-8689 * the whole document *	1-10	
X	US 4 515 288 A (ATALLA MARTIN M [US]) 7 May 1985 (1985-05-07) * the whole document *	1-10	
			TECHNICAL FIELDS SEARCHED (IPC)
			G07D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		22 December 2014	Verhoef, Peter
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	

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 07 02 0476

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The members are as contained in the European Patent Office EDP file on
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22-12-2014

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2244838 A	11-12-1991	GB 2244838 A	11-12-1991
		JP 2726551 B2	11-03-1998
		JP H0434696 A	05-02-1992

US 4775783 A	04-10-1988	NONE	

US 4515288 A	07-05-1985	BE 898350 A1	30-03-1984
		CA 1221067 A1	28-04-1987
		CH 667547 A5	14-10-1988
		DE 3340727 A1	07-06-1984
		FR 2537115 A1	08-06-1984
		GB 2131001 A	13-06-1984
		GB 2145069 A	20-03-1985
		JP S59111586 A	27-06-1984
		US 4515288 A	07-05-1985
		ZA 8308249 A	27-06-1984

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82