Europäisches Patentamt

European Patent Office

Office européen des brevets



EP 0 795 842 A3 (11)

EUROPEAN PATENT APPLICATION (12)

(88) Date of publication A3: 10.12.1997 Bulletin 1997/50 (51) Int. Cl.6: G07D 11/00

(43) Date of publication A2: 17.09.1997 Bulletin 1997/38

(21) Application number: 97103017.6

(22) Date of filing: 25.02.1997

(84) Designated Contracting States: AT BE CH DE ES FR GB LI SE

(30) Priority: 13.03.1996 IT TO960185

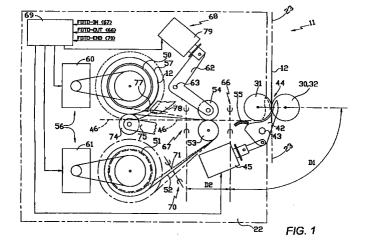
(71) Applicant: CTS electronics srl 10015 Ivrea (TO) (IT)

(72) Inventors:

- · Ceradelli, Vittorio I-10010 Cascinette D'Ivrea (IT)
- · Colecchia, Enrico I-10010 Fiorano Canavese (IT)
- (74) Representative: Nola, Eduardo Via IV Novembre 23 10010 Burolo (Turin) (IT)

(54)Acquisition and/or issuing device for banknotes

An acquisition and/or issuing device (11) comprises a taking-up roll (50) and a feeding roll (51) adapted to rotate around fixed axes, a transport belt (52) and a pair of pinch rollers (53, 54). The taking-up roll (50) can store banknotes (12) or other flexible documents in a spool (57) together with the transport belt (52) and one of the pinch rollers (53, 54) is moved by an electromagnet (79). Electronic means (69) control the electromagnet and the rotation of the taking-up and feeding rolls, and associate the engagement and disengagement configuration of the pinch rollers (53, 54) with a banknote (12) to the revealing of the banknote by two sensors (66, 67). An accompanying roller (74) makes easier the winding of the banknotes (12) in the spool (57).





EUROPEAN SEARCH REPORT

Application Number EP 97 10 3017

!	Citation of document with in	dication, where appropriate,	Relevant	CLASSIFICATION OF THE	
Category	of relevant passa		to claim	APPLICATION (Int.Cl.6)	
A	US 3 074 663 A (SIM * column 2, line 70 figure 1 *	JIAN) - column 3, line 3;	1,5-7	G07D11/00	
Α	WO 93 10511 A (NYA * page 4, line 3 -	SYSTEM & IDEER) line 34; figures *	1,2,5-7	,	
A	GIBBINS ET AL.: "s and dispensing mech IBM TECHNICAL DISCL vol. 12, no. 7, Dec pages 932-933, XP00 * page 932 - page 9	OSURE BULLETIN, ember 1969, 2033681	1-3,5-7		
Α	EP 0 409 809 A (INT * column 4, line 17 *	ER INNOVATION) - line 52; figures 1,2	1,3,5,7		
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)	
				G07D	
	The present search report has	been drawn up for all claims	1		
	Place of search	Date of completion of the search	<u> </u>	Examiner	
THE HAGUE		9 October 1997	Nev	/ille, D	
C	ATEGORY OF CITED DOCUMENTS	T : theory or principle	underlying the	invention	
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		after the filing dat her D : document cited ir L : document cited fo	E : earlier patent document, but published on, or after the filing date D : document oited in the application L : document oited for other reasons		
		& : member of the sa		y, corresponding	

EPO FORM 1503 03.82 (P04C01)



Application Number

EP 97 10 3017



EP97103017.6 - B -

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions, or groups of inventions, namely:

Claims 1-8: Roll container for banknotes.

Claims 9, 10: Device for accepting and dispensing banknotes.

EPO Form Supplementary Sheet B (1996)