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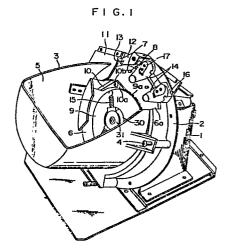
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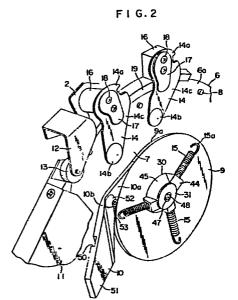
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(54) Coin dispensing apparatus.

57) A coin dispensing apparatus is disclosed of the hopper type having a hopper (5) for holding a supply of coins and a rotary disc (6) for delivering the coins from the hopper (5) one at a time and in desired quantities. The coin dispensing apparatus further has bearing means including a plurality of balls (22) interposed between a supporting plate (2) and the outer peripheral portion of the rotary disc (6) and spaced to each other in the peripheral direction for rotatably supporting the rotary disc (6) on the supporting plate (2), a drive shaft (25) extended through the supporting plate (2) and the rotary disc (6) for rotating said rotary disc, a delivery knife (10) secured to the supporting plate (2) with a point thereof being tangential to the upper periphery of a central disc (9), a delivery chute (11) adapted for receiving the coins from the rotary disc (6) by the delivery knife (10), antidoubling means (14) for controlling the coin passing at the upper delivery zone (7) and agitating means on the central disc (9) for agitating coins within the hopper (5). The agitating means includes a plurality of coil springs (15) arranged so as to extend radially of the drive shaft (25) on the central disc (9), an elastomer retainer (30) for retaining the inner end portions (15c) of the coil springs (15) resiliently and connecting means (31) being secured to the drive shaft (25) for connecting the elastomer retainer (30) in compressed state to the rotary disc (6) and for urging resiliently the rotary disc (6) towards the supporting plate (2).







EUROPEAN SEARCH REPORT

ΕP 84 30 8325

DOCUMENTS CONSIDERED TO BE RELEVANT				
Category		indication, where appropriate, nt passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D,A	US-A-3 942 544 * Column 3, lin line 18; figures	ne 39 - column 4,	1-4	G 07 D 1/00
A	US-A-3 788 334 * Column 1, line 18 *	(SARACENO) ne 52 - column 2,	1,2	
A	US-A-4 148 331 * Column 3, line		1	
A	US-A-3 844 298 * Column 3, line 33; figure	ne 44 - column 4,	1	
A	GB-A-1 365 960 LTD.) * Page 1, line :	BELL PUNCH CO.	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4) G 07 D
	The present search report has be	een drawn up for all claims		
Place of search THE HAGUE Date of completion of the search 25-07-1985			PINE	Examiner AU A.C.
X : pa	CATEGORY OF CITED DOCU articularly relevant if taken alone	MENTS T: theory or p E: earlier pat after the fi	ent document,	rlying the invention , but published on, or

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