

Search history

Search FT=(CAPSULE~ AND DRY~ AND INHALER~ AND CUT~ AND FRACTURE~ AND MESH~ AND GRID~ AND BUTTON~) (Results 23)
1:

Search FT=(CAPSULE~ AND DRY~ AND INHALER~ AND CUT~ AND FRACTURE~ AND MESH~ AND GRID~ AND BUTTON~) (Results 23)
2:

Search [SP]: related applications[0001] this application claims priority to u.s. provisional application no. 61/104,575, filed oct. 10, 2008. this application also claims priority to u.s. provisional application no. 61/104,568, filed oct. 10, 2008. this application is also a continuation-in-part of u.s. patent application ser. no. 11/582,135, filed oct. 16, 2006, which claims priority to u.s. provisional patent application ser. no. 60/727,312, filed on oct. 15, 2005. this application is also a continuation-in-part of u.s. patent application ser. no. 11/237,264, filed sep. 28, 2005, which claims priority to u.s. provisional application no. 60/613,808, filed sep. 28, 2004. this application is also a continuation-in-part of u.s. patent application ser. no. 11/236,908, filed sep. 28, 2005, which claims priority to u.s. provisional application no. 60/613,745, filed sep. 28, 2004. the entire contents of these previously filed applications are hereby incorporated herein by reference. background of the invention[0002] vascular interventions, such as vascular reperfusion procedures, balloon angioplasty, and mechanical stent deployment, can often result in vascular injury following mechanical dilation and luminal expansion of a narrowed vessel. often, subsequent to such intravascular procedures, neointimal proliferation and vascular injury remodeling occurs along the luminal surface of the injured blood vessel more specifically, remodeling occurs in the heart, as well as in vulnerable peripheral blood vessels like the carotid artery, iliac artery, femoral and popliteal arteries. no known mechanical suppression means has been found to prevent or suppress such cellular proliferation from occurring immediately following vascular injury from mechanical reperfusion procedures. left untreated, restenosis commonly occurs following a vascular intervention within the treated vessel lumen within weeks of a vascular injury. restenosis, induced by localized mechanical injury, causes proliferation of remodeled vascular lumen tissue, resulting in re-narrowing of the vessel lumen, which can lead to thrombotic closure from turbulent blood flow fibrin activation, platelet deposition and accelerated vascular flow surface injury. restenosis pre-disposes the patient to a thrombotic occlusion and the stoppage of flow to other locations, resulting in critical ischemic events, often with morbidity.[0003] restenosis initiated by mechanical induced vascular injury cellular remodeling can be a gradual process. multiple processes, including fibrin activation, thrombin polymerization and platelet deposition, luminal thrombosis, inflammation, calcineurin activation, growth factor and cytokine release, cell proliferation, cell migration and extracellular matrix synthesis each contribute to the restenotic process. while the exact sequence of bio-mechanical mechanisms of restenosis is not completely understood, several suspected biochemical pathways involved in cell inflammation, growth factor stimulation and fibrin and platelet deposition have been postulated. cell derived growth factors such as platelet derived growth factor, fibroblast growth factor, epidermal growth factor, thrombin, etc., released from platelets, invading macrophages and/or leukocytes, or directly from the smooth muscle cells, provoke proliferative and migratory responses in medial smooth muscle cells. these cells undergo a change from the contractile phenotype to a synthetic phenotype. proliferation/migration usually begins within one to two days post-injury and peaks several days thereafter. in the normal arterial wall, smooth muscle cells proliferate at a low rate, approximately less than 0.1 percent per day.[0004] however, daughter cells migrate to the intimal layer of arterial smooth muscle and continue to proliferate and secrete significant amounts of extracellular matrix proteins. proliferation, migration and extracellular matrix synthesis continue until the damaged endothelial layer is repaired, at which time proliferation slows within the intima, usually within seven to fourteen days post-injury. the newly formed tissue is called neointima. the further vascular narrowing that occurs over the next three to six months is due primarily to negative or constrictive remodeling.[0005] simultaneous with local proliferation and migration, inflammatory cells derived from the medial layer of the vessel wall continually invade and proliferate at the site of vascular injury as part of the healing process. within three to seven days post-injury, substantial inflammatory cell formation and migration have begun to accumulate along the vessel wall to obscure and heal over the site of the vascular injury. in animal models, employing either balloon injury or stent implantation, inflammatory cells may persist at the site of vascular injury for at least thirty days. inflammatory cells may contribute to both the acute and protracted chronic phases of restenosis and thrombosis.[0006] today, a preferred approach to the local delivery of a drug to the site of vascular injury caused by an intravascular medical device, such as a coronary stent, is to place a drug eluting coating on the device. clinically, medical devices coated with a drug eluting coating comprised of either a permanent polymer or degradable polymer and an appropriate therapeutic agent have shown angiographic evidence that vascular wall proliferation following vascular injury and/or vascular reperfusion procedures can be reduced, if not eliminated, for a certain period of time subsequent to balloon angioplasty and/or mechanical stent deployment. local delivery of a single sirolimus or taxol compound via a drug eluting medical device has been shown to be effective at minimizing or preventing cellular proliferation and cellular remodeling when applied immediately after vascular injury. various analogs of these two anti-proliferative compound examples have also been shown experimentally and clinically to exhibit similar anti-proliferative activity with similar drug eluting coatings. however, anti-proliferative compounds such as sirolimus and taxol, together with a polymeric drug eluting coating have also been shown clinically to exhibit a number of toxic side effects, during and after principal drug release from the drug eluting coating. these chronic and or protracted side effects place limits on the amount of drug that can actually be delivered over a given period of time, as well as challenge the compatibility of the polymer coatings used to deliver a therapeutic agent locally to the site of the vascular injury when applied directly to a site of inflammation and or cellular remodeling. in addition, local overdosage of compounds like sirolimus and taxol can prevent, limit or even stop cellular remodeling or proliferation in and around the localized tissue area of the medical device. for example, a lack of endothelial cell coverage during the interruption of cell proliferation throughout the vascular injury healing process exhibits a high potential for luminal thrombosis whereby fibrin and a constant deposition of platelets blanket the exposed and non-healed medical device and/or damaged vascular wall. without uninterrupted systemic support or administration of an anti-platelet medication like dipyridel combined with an anti-clotting agent, such as asa, prior to and following deployment of a drug eluting medical device, such devices have been shown clinically to thrombose and occlude within days of deployment. in addition, although these commercially available drug eluting polymer coatings employed on medical devices are generally characterized as being biocompatible, the lack of chemical hydrolysis, degradation and absorption of these polymer-based chemistries into smaller, easier to metabolize chemical components or products have now been clinically demonstrated to initiate a protracted localized inflammatory response at the site of the vascular injury, which may lead to unexpected thrombotic occlusion within days of stopping anti-platelet medication.[0007] wound healing or response to in-vivo injury (e.g., hernia repair) follows the same general biological cascade as in vascular injury (see, e.g., y. c. cheong et al. human reproduction update. 2001 vol. 7, no. 6, pgs 556-566). this cascade includes inflammation of native tissue followed by migration and proliferation of cells to mitigate the inflammatory response, including platelets and macrophages, and a subsequent healing phase which includes fibrin deposition and the formation of fibrin matrix followed by tissue remodeling. in the case of hernia repair, abnormal peritoneal healing can occur when there is the expression of inflammatory cytokines from macrophages (e.g., a-tnf) that can result in an inability of the fibrin matrix to be properly broken down and can result in the formation of adhesions (y. c. cheong et al., 2001). abdominal adhesions formed after hernia repair can result in pain, bowel strangulation, infertility and in some cases death (y. c. cheong et al., 2001). [0008] the sustained nature of the thrombotic and inflammatory response to injury makes it desirable to provide a biomaterial that can reduce the incidence of inflammatory and foreign body responses after implantation. it would also be preferable to have a biomaterial that provides release of one or more therapeutic agents over a period of time in order to minimize such cell activated responses. additionally, such a biomaterial would also preferably be metabolized via a bioabsorption mechanism. summary of the invention[0009] what is desired is a biomaterial (e.g., a coating or stand-alone film) that can be utilized alone or as a drug delivery carrier that prevents or diminishes chronic inflammation due to either the therapeutic agent or components of the coating. furt (Results 542)

Search FT=(PADLOCK~ AND ANTI~ AND VANDALISM~) (Results 163)
4:

Search [SP]: anti-vandalism padlock anti-vandalism padlocks are used to secure chains, latches or similar elements, consisting of two coupling armours, with a particular geometry according to their application, with a tumbler can lock. this padlock does not have an exposed shackle nor any other similar element which may be subject to violation either by cutting, lever movements or the like. (Results 6)

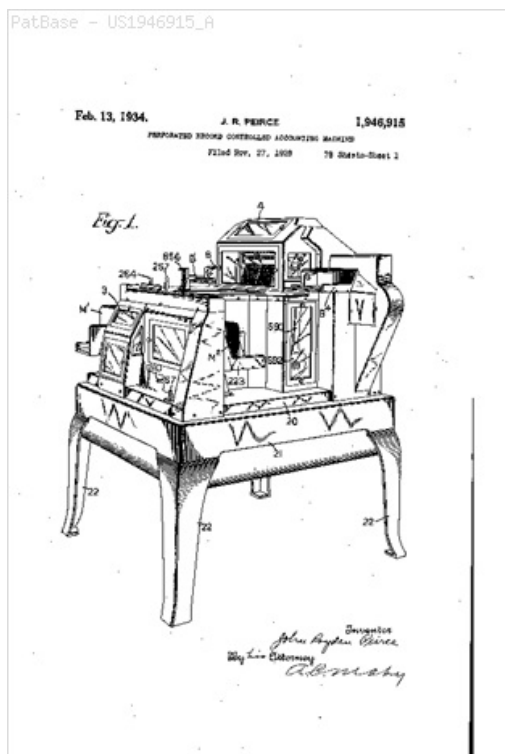
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6:

Title: PERFORATED RECORD-CONTROLLED ACCOUNTING MACHINE**Priority:** US19290410057 19291127**Family:**

Publication number	Publication date	Application number	Application date
DE673584 A	19390329		19301127
GB367856 A	19320226	GB19300035558	19301126
US1946915 A	19340213	US19290410057	19291127

Probable Assignee: IBM**Assignee(s):(std):** BRITISH TABULATING MACH CO LTD ; IBM ; INT BUSINESS MASCHINES CO**Assignee(s):** INT BUSINESS MASCHINES CORP ; INT BUSINESS MACHINES CORP ; BRITISH TABULATING MACHINE CO LTD**Inventor(s):(std):** ROYDEN PEIRCE JOHN**Inventor(s):** PEIRCE JOHN ROYDEN**International class** G06K7/04**(IPC 1-7):****CPC:** B41K3/263**US class:** 101/93.4 235/432[Classification Explorer](#)**Forward Citations:** US3276560, US2814985, US2761381, US2679923, US2528427, US2434512, US2424076, US2421060, DE975268, DE974020, DE966068, DE746095,**Abstract:**

Source: GB367856A [EN] [Class 31 (ii).] Selective-punching machines.-A machine of the kind described in Specification 199,029, [Class 31 (ii), Punching and perforating machines c.], for recording on a blank the data, e.g. details of an insurance policy, read from a perforated master-card, comprises the following means for perforating the blank and mastercard. Type-bars 365, Fig. 10, for printing data on the blank are connected to bars 642 provided with interponents 641 selectively operating punches 622 for perforating the blank. The interponents are operated by a toggle-actuated bar 627. The punchings fall into a trough consisting of plates 644, 645 and having an inclined bottom leading to a discharge opening. The trough is pivoted at the top and is lifted and dropped by a cam on the blank-carriage 315. Special perforations, e.g. for indicating that a notice has been sent to a policy holder, are made in the master-card by punches 1196, Fig. 28, arranged in sets of four, each set being associated with four interponents 1197. The interponents are pivoted to a sleeve on a shaft 1200 provided with an arm having pins 1207, 1208, Fig. 16, for engaging the head of a reciprocating link 1208 which is thrown over to change the direction of rocking of the shaft. The interponents are connected in pairs by rods 1210, 1210a engaging links 1193 resting on bell cranks 1181. Combs, controlled by the master-card move one set of interponents into punch-engaging position to select a set of punches. A manually operated slide 264 has cam-slots for moving axially the shaft 1200, and throwing over the link 1208 to determine which pair of interponents and which one of a pair shall be operative.



Title: FERNMELDEANLAGE, INSBESONDERE TELEPHONANLAGE. TELECOMMUNICATIONS SYSTEM, INCLUDING telephone system. (Machine translation)

Priority: 19361002

Family:	Publication number	Publication date	Application number	Application date
	CH230986 A	19440215		19361002
	NL48535 C	00000000		00000000
	NL49749 C	00000000		00000000

Probable Assignee: BELL TELEPHONE MFG

Assignee(s):(std): BELL TELEPHONE MFG

Assignee(s): BELL TELEPHONE MFG CO SOC ANONYME ; BELL TELEPHONE MANUFACTURING COMPANY SOCIETE ANONY ; BELL TELEPHONE MANUFACTURING COMPANY SOCIETE ANONYME

Inventor(s):(std): ANONYME BELL TELEPHONE MANUFAC

Inventor(s): BELL TELEPHONE MANUFACTURING COMPANY SOCIETE ANONY ; BELL TELEPHONE MANUFACTURING COMPANY SOCIETE ANONYME ; BELL TELEPHONE MFG CO SOC ; BELL TELEPHONE MFG CO SOC ANONYME

International class (IPC 8-9): H04M15/10 H04M17/02 (Advanced/Invention);
H04M15/10 H04M17/00 (Core/Invention)

International class (IPC 1-7): H04M17/00

CPC: H04M15/10 H04M17/023

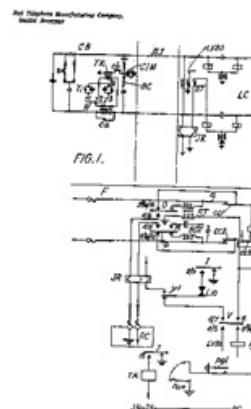
European class: H04M15/10 H04M17/02B

[Classification Explorer](#)

Abstract:

Source: CH230986A [DE] 1. Fernmeldeanlage nach Patentanspruch, in welcher :die Muenznachpruefeinrichtung des Ortsamtes automatisch in Gebrauch.ge nommen wund, wenn eine Verbindung ein- geleitet wird, dadurch gekennzeichnet" dass @dhs genannte, auf Ziffern ansprechende Mittel beim Ansprechen: auf Impulse, die eine Fern- verbindung kennzeichnen, die Ortsamt-Muenz- naehpruefeinrichtung unwirksam macht. **Machine translation:** . 1 Telecommunications system of claim, wherein: the Muenznachpruefeinrichtung the local office automatically accepted sore in Gebrauch.ge when a connection is initiated, characterized "thatdhs said, appealing to numbers in the response: on pulses that a remotely connected identify the local exchange-coin naehpruefeinrichtung makes ineffective.

PatBase - CH230986_A



Title: DISPOSITIF DE COMPTAGE D'INDIVIDUS A COMMANDE PAR PIECES DE MONNAIE COUNTING DEVICE FOR INDIVIDUALS CONTROLLED COINS (Machine translation)

Priority: FR19650015329 19650430

Publication number	Publication date	Application number	Application date
FR1448068 A	19660805	FR19650015329	19650430

Inventor(s):(std): CONSTANTIN GASTON

International class G07F17/14 (Advanced/Invention);
(IPC 8-9): G07F17/00 (Core/Invention)

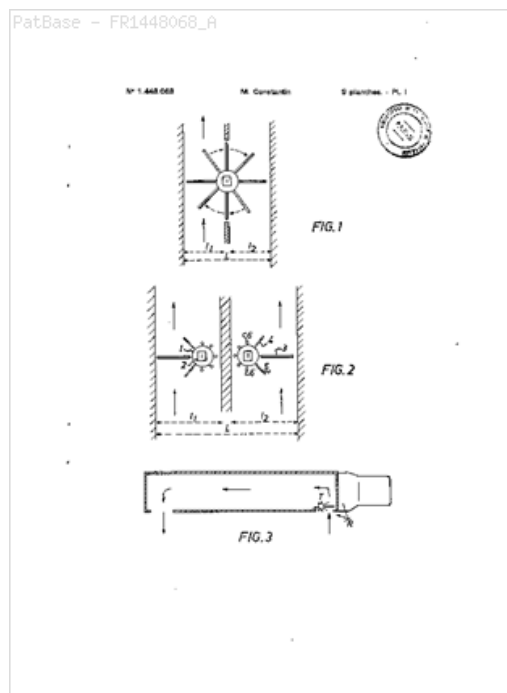
CPC: G07F17/145

European class: G07F17/14B

[Classification Explorer](#)

Abstract:

Source: FR1448068A [FR] [Source: Claim 1] 1 Un dispositif de comptage d'individus a com mande par pieces de monnaie constitue par un tour niqet a barres rabattables sur une partie de leur parcours, dont la rotation est autorisee par l'intro duction d'un nombre determine de pieces de mon naie dans un monnayeur; **Machine translation:** [Source: Claim 1] 1 An individual metering device com by currency control pieces is a tower niqet has folding bars on a part of their journey, the rotation is permitted by the intro duction of a specified number of pieces of my currency in coin;



Title:	Switch and lock activating system and method			
Priority:	US19770849785	19771109	US19770858669	19771227
	US19810298826	19810902	US19800121894	19800215
	US19820385085	19820604	US19800202885	19801103
Family:	Publication number	Publication date	Application number	Application date
	US4189712 A	19800219	US19770849785	19771109
	US4337462 A	19820629	US19800202885	19801103
	US4354189 A	19821012	US19800121894	19800215
	US4453161 A	19840605	US19820385085	19820604
	US4471343 A	19840911	US19810298826	19810902
	US4488370 A	19841218	US19820352712	19820226
Probable Assignee:	LEMELSON JEROME H			
Assignee(s):(std):	LEMELSON JEROME H			
Inventor(s):(std):	LEMELSON JEROME H			
International class (IPC 8-9):	E05B49/00 F41A17/06 G06K19/04 G06K19/06 G06K19/067 G06K19/077 G06K7/08 G06K7/10 G07C9/00 G08B13/14 (Advanced/Invention); G06K19/06 G08B13/22 (Advanced/Non-invention); G08B13/14 (Core/Invention); G08B13/22 (Core/Non-invention)			
International class (IPC 1-7):	B60R25/04 E05B47/00 F41C17/08 G08B13/14 H04B9/00 H04Q1/00 H04Q3/00 H04Q9/00			
CPC:	E05B49/006 F41A17/063 G06K7/086 G06K7/1097 G06K19/067 G06K19/07749 G06K19/07762 G06K2019/06225 G06K2019/06253 G07C9/00111 G07C9/00309 G07C2009/00777 G07C2009/00785 G06K19/04 G06K19/06009 G08B13/1436			
European class:	E05B49/00M4 F41A17/06 F41A17/06B G06K19/04 G06K19/067 G06K19/06C G06K19/077T G06K19/077T3D G06K7/08C2Q G06K7/10S9T G07C9/00B10 G07C9/00E14C6 G07C9/00E4 G08B13/14F G08B25/00P S06K19/06W2 S06K19/06W8 S07C9/00E14C2 S07C9/00E14C4			
US class:	235/382 307/10.5 340/10.33 340/10.42 340/10.5 340/149A 340/5.31 340/5.61 340/5.62 340/5.63 340/5.7 340/539.1 340/542 340/543 340/568.1 340/571 340/572 340/692 340/825.31 361/171 361/172 42/70.01 42/70.11			

[Classification Explorer](#)

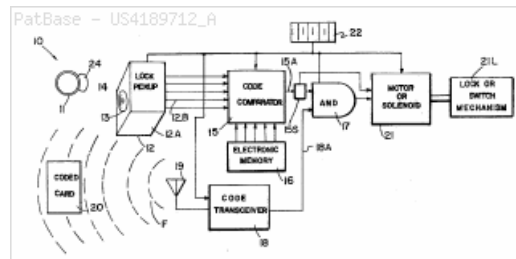
Cited documents: US4354189 A, US4257038 A, US4196347 A, US4177466 A, US4154014 A, US4106006 A, US4080594 A, US4079356 A, US4063410 A, US4042970 A, US4016553 A, US4003152 A, US3987408 A, US3979647 A, US3938044 A, US3891980 A, US3872435 A, US3866168 A, US3859624 A, US3803551 A, US3733862 A, US3732555 A, US3694803 A, US3662342 A, US3659154 A, US3134254 A, US2774060 A,

Forward Citations: WO9967740, WO9923440, WO9904376, WO9732284, WO9727533, WO9726471, WO9725503, WO9716773, WO9617290, WO9607133, WO9423503, WO9416420, WO9101534, WO9101534, WO8803594, WO8703403, WO8501980, WO8403533, WO15066744, WO10117354, WO07102181, WO06008628, WO06008244, WO06008244, WO05091523, WO05006273, WO05006273, WO04114227, WO04010070, WO03058569, WO0231788, WO02095317, WO02095317, WO0178027, WO0161268, WO0137236, WO0070619, WO0065291, WO0049360, WO0045227, WO0045227, USRE39144, USRE37986, USD670553, USD661975, USD660682, USD651889, US9891015, US9879932, US9823383, US9823032, US9791230, US9784515, US9749599, US9739555, US9734359, US9726448, US9697708, US9675306, US9658013, US9658012, US9638646, US9625606, US9619671, US9618648, US9569642, US9558378, US9557427, US9552500, US9520048, US9507965, US9507918, US9495854, US9491419, US9454678, US9442082, US9441896, US9424722, US9408559, US9377259, US9354011, US9310323, US9268058, US9222740, US9113839, US9092957, US9048061, US9020095, US8919024, US8893420, US8885794, US8837669, US8827706, US8825437, US8720092, US8674706, US8643487, US8591412, US8587405, US8585588, US8531296, US8429095, US8378789, US8339263, US8319612, US8269605, US8230707, US8227956, US8217792, US8217790, US8217789, US8217755, US8205372, US8203429, US8171665, US8166693, US8141758, US8138770, US8125316, US8068027, US8063746, US8046948, US8042366, US8026784, US8009015, US8001812, US7997106, US7994915, US7986233, US7963132, US7917769, US7890058, US7886471, US7855633, US7812739, US7808367, US7791454, US7782209, US7760071, US7741952, US7730751, US7683758, US7647796, US7614266, US7589613, US7562480, US7554445, US7543156, US7518542, US7506468, US7500371, US7489922, US7482907, US7476102, US7456725, US7447498, US7420456, US7415852, US7409842, US7375641, US7327220, US7295112, US7295100, US7282818, US7269416, US7253541, US7204106, US7201029, US7193515, US7191623, US7183941, US7183940, US7174882, US7167076, US7161466, US7155199, US7155034, US7143614, US7135957, US7120430, US7116242, US7113091, US7113091, US7111479, US7100404, US7096619, US7088218, US7086258, US7084781, US7081836, US7071823, US7068181, US7064701, US7064651, US7050794, US7042364, US7039397, US7030729, US7015790, US6988080, US6970095, US6958551, US6957771, US6950054, US6948344, US6943665, US6940405, US6861944, US6856238, US6854205, US6842121, US6831590, US6825764, US6817130, US6816083, US6794986, US6781507, US6771981, US6765473, US6763126, US6762687, US6760992, US6735897, US6695207, US6686841, US6646552, US6641009, US6631579, US6591531, US6577226, US6563940, US6559767, US6529144, US6510642, US6510640, US6504470, US6496595, US6476708, US6450402, US6441770, US6427504, US6412207, US6408555, US6373380, US6367299, US6367298, US6363647, US6351906, US6343429, US6318137, US6314671, US6308891, US6297725, US6283034, US6282829, US6282152, US6276179, US6275142, US6237271, US6226913, US6223461, US6219952, US6191703, US6188141, US6185852, US6181024, US6154995, US6140914, US6107934, US6097301, US6047575, US6046558, US6037748, US6035677, US6011483, US6005306, US5987796, US5974717, US5953844, US5942985, US5933086, US5929769, US5896691, US5890121, US5877483, US5867930, US5867801, US5841356, US5836187, US5832296, US5828301, US5806355, US5805066, US5774060, US5758524, US5757271, US5755126, US5749166, US5743380, US5742236, US5737241, US5735487, US5732497, US5714933, US5713149, US5712626, US5704153, US5682032, US5677521, US5675925, US5659291, US5623552, US5603180, US5574429, US5564211, US5563581, US5561935, US5561420, US5550358, US5546690, US5523746, US5512887, US5502915, US5481265, US5479154, US5461812, US5459957, US5457907, US5451935, US5448847, US5447436, US5446265, US5433096, US5423143, US5419068, US5408777, US5394717, US5389772, US5357560, US5339074, US5335521, US5317304, US5315285, US5307048, US5303495, US5283431, US5276294, US5266783, US5241161, US5229532, US5204672, US5192818, US5168114, US5160801, US5140766, US5123193, US5117217, US5113183, US5111199, US5090148, US5081779, US5062232, US5051723, US5047750, US5022175, US5016376, US4987693, US4973958, US4970819, US4961229, US4945341, US4931789, US4926332, US4884067, US4873530, US4866433, US4857716, US4850009, US4845464, US4835372, US4818855, US4803467, US4794470, US4794268, US4792796, US4786900, US4779090, US4772880, US4763431, US4763121, US4760394, US4738334, US4737785, US4727369, US4724427, US4697171, US4682435, US4665397, US4652860, US4651139, US4642631, US4638292, US4591854, US4580136, US4573046, US4559529, US4509092, US4496948, US4488370, US4486806,

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Abstract:

Source: US4189712A [EN] A system and method are provided for opening a lock or activating a switch by electronically controlled means. In one form, a finger ring is provided which contains a code recording supported within or adjacent the crown thereof. When the hand of the person wearing the ring is held near a reading device, such as to dispose the crown within a receptacle containing the reading device, the code is automatically read and electrical signals generated thereby are applied to close or open an electrical switch or operate a motor or solenoid for opening a lock and/or drive a door to open. If the signals generated in reading the ring recording is a code, they may be applied to a comparator for operating the lock or switch if the code is an enabling code. The reading device may comprise a photoelectric cell or bank of cells adapted to read variations in reflectivity of the ring code. In another form, the ring may contain an electronic circuit or devices which generate a code in the presence of a radiation field generated in the vicinity of the receptacle for the ring upon sensing the presence of the ring. In another form, the ring may contain a battery and electronic circuit means for generating the enabling code when a switch is closed. In another form, the combination of the code generating means of the ring and a separate circuit such as a circuit card, may be required to enable the switch to close or the lock to open. Improvements are also provided in the constructions of electronic keys in the configurations of finger rings, wrist watches, cards and the like, for use in switch and lock activating systems, security and transaction systems and the like.



Title:

SYSTEM FOR AUTHENTICATING USERS AND DEVICES IN ON-LINE TRANSACTION NETWORKS

Priority:

CA19810371323 19810220 EP19810900708 19810202 US19800129110 19800310
WO1981US00135 19810202

Family:

Publication number	Publication date	Application number	Application date
AT37124 E	19880915	AT19810900708T	19810202
AU198169290 A1	19810923	AU19810069290	19810202
CA1156761 A1	19831108	CA19810371323	19810220
DE3176872 D1	19881013	DE19813176872	19810202
EP0047285 A1	19820317	EP19810900708	19810202
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EP0047285 B1	19880907	EP19810900708	19810202
JP1005783 B4	19890131	JP19810500958T	19810202
JP57500449 T2	19820311	JP19810500958T	19810202
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US4317957 A	19820302	US19800129110	19800310
WO8102655 A1	19810917	WO1981US00135	19810202

Probable Assignee:

SENDROW MARVIN

Assignee(s):(std):

SENDROW M ; SENDROW MARVIN

Assignee(s):

SENDROW MARVIN 4609 LOGSDON DRIVE ANNANDALE VIRGINIA 22003 ; SENDORO MAABIN

Inventor(s):(std):

SENDROW M ; SENDROW MARVIN ; SENDROW MARVIN LOGSDON DRIVE A

Inventor(s):

SENDROW MARVIN 4609 LOGSDON DRIVE ANNANDALE VIRGIN ; SENDROW MARVIN 4609 LOGSDON DRIVE ANNANDALE VIRGINIA 22003 ; M SENDROW ; SENDORO MAABIN

Agent(s):

MACRAE AND CO

Designated states:

AT AU CH DE DK FR GB JP LI LU MC NL NO SE

International class (IPC 8-9):

G06F15/02 G06F3/02 G06Q20/00 G06Q20/02 G06Q20/10 G06Q20/38 G06Q20/40 G06Q40/00 G07F7/02 G07F7/10 H04L9/00 H04L9/08 H04L9/32 (Advanced/Invention);
G06Q20/00 G06Q40/00 G07F7/00 G07F7/10 H04L9/00 H04L9/08 H04L9/32 (Core/Invention)

International class (IPC 1-7):

G06F15/02 G06F15/30 G06F3/02 G07F7/02 H04L9/00

CPC:

G06Q20/3829 G06Q20/02 G06Q20/1085 G06Q20/385 G06Q20/4012 G07F7/1016

European class:

G06Q20/02 G06Q20/1085 G06Q20/3829 G06Q20/385 G06Q20/4012 G07F7/10E

US class:

178/22.08 235/379 235/382 380/281 380/45 705/43 705/71 705/72 713/185 902/2 902/5

Classification Explorer

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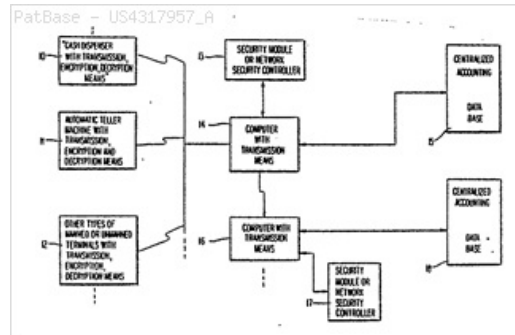
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Forward Citations:

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Abstract:

Source: US4317957A [EN] A method for efficiently protecting transactions and providing authentication of users and devices in on-line systems that transfer funds electronically, dispense cash, or provide a good or permit a service to be utilized is provided. The transaction may be initiated by a magnetic-stripped plastic card at an attended or unattended terminal (10, 11, 12) and requires the entry of a preassigned Personal Identification Number through a keyboard (20). The Personal Identification Number is encrypted (23) more than once at the terminal and other means are used in order to prevent the utilization of certain tapped-line data. The data required to validate and authorize the transaction is transmitted securely to a centralized computer (14) which accesses from its stored data base (15) the data that is required to decrypt and validate the transaction, including the encrypted Personal Identification Number corresponding to the received transaction data. A secret Terminal Master Key must be maintained securely at each terminal and may differ at each terminal. A list of such Terminal Master Keys and other secret data must be securely maintained at the centralized computer. Means for multiple-encryptions and decryptions in a predetermined way must also be maintained at each terminal and at the centralized computer. Means (34) are provided for securely returning a response to the terminal at which the transaction was initiated to authorize or reject the requested transaction. These functions are accomplished in a way that permits efficient utilization of data communications lines and reduces or eliminate perpetration of fraud by any of various means.



Title: NON-COUNTERFEITABLE DOCUMENT SYSTEM

Priority:

CA19810380366	19810622	CA19810433839	19810622	CA19830433839	19830803
CA19830438724	19831011	CA19850494080	19851029	CA19830426158	19830419
EP19810901976	19810619	EP19840108691	19810619	EP19830903022	19830729
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WO1983US01188	19830729	US19860948257	19861231	WO1981US00853	19810619

Family:

Publication number	Publication date	Application number	Application date
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AT51483 E	19900415	AT19830903022T	19830729
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Probable Assignee: LIGHT SIGNATURES INC

Assignee(s):(std): LIGHTS SIGNATURES INC ; LIGHT SIGNATURES INC

Assignee(s): LIGHT SIGNATURES INC 1901 AVENUE OF STARS LOS ANGE ; GOLDMAN ROBERT N ; KATZ RONALD A ; LIGHT SIGNATURES IN ; LIGHT SIGNATURES IN 1901 AVE STARS LOS ANGELES CA ; TELECREDIT INC ; RAITO SHIGUNEICHAASU INC ; RAITO SHIGUNEICHIYAAZU INC ; LIGHT SIGNATURES INC A CORP OF CA ; TELECREDIT INC A CORP OF DE ; LIGHT SIGNATURES INC A CORPOF CA ; LIGHT SIGNATURES INC WAS NEW LSI INC 1901 AVENUE O ; LIGHT SIGNATURES INC A CA CORP ; LIGHT SIGNATURES INC LOS ANGELES CALIF US ; LIGHT SIGNATURES INC WAS NEW LSI INC 1901 AVENUE OF STARS LOS ANGELES CA 90067 A CORP OF CA.. ; LIGHT SIGNATURES INC 1901 AVENUE OF STARS LOS ANGELES CA 90067

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Agent(s): GOWLING LAFLEUR HENDERSON LLP

Designated states: AT AU BE BR CH DE DK FI FR GB HU IT JP KP LI LU NL NO SE

International class (IPC 8-9): B42D15/02 B42D15/10 B65G47/49 G05B1/00 G06F19/00 G06K17/00 G06K19/08 G06K19/10 G06K19/14 G06K5/00 G06K9/00 G06K9/36 G06K9/62 G06Q30/00 G06Q30/02 G06Q50/00 G07D1/00 G07D7/00 G07D7/12 G07D7/20 G07F1/00 G07F1/04 G07F7/08 G07F7/10 G07F7/12 G09F3/00 G11B20/12 G11B23/00 G11B23/40 G11B23/44 H04Q9/00 (Advanced/Invention); B42D15/02 B42D15/10 B65G47/48 G05B1/00 G06F19/00 G06K17/00 G06K19/08 G06K19/10 G06K19/14 G06K5/00 G06K9/36 G06Q30/00 G07D7/00 G07F7/08 G07F7/12 G09F3/00 H04Q9/00 (Core/Invention); G06K (Subclass/Invention)

International class (IPC 1-7): B42D15/02 B65C9/46 B65G47/49 D21H5/10 G05B1/00 G06F15/20 G06F15/21 G06F15/30 G06F7/04 G06K17/00 G06K19/00 G06K19/08 G06K19/10 G06K5/00 G06K7/08 G06K7/10 G06K9/00 G06K9/36 G06K9/62 G07C G07D1/00 G07D7/00 G07F1/00 G07F7/08 G09C5/00 G09F3/00 G09F3/03 G11B20/12 G11B5/09 G11B5/80 G11B7/00 H04Q9/00

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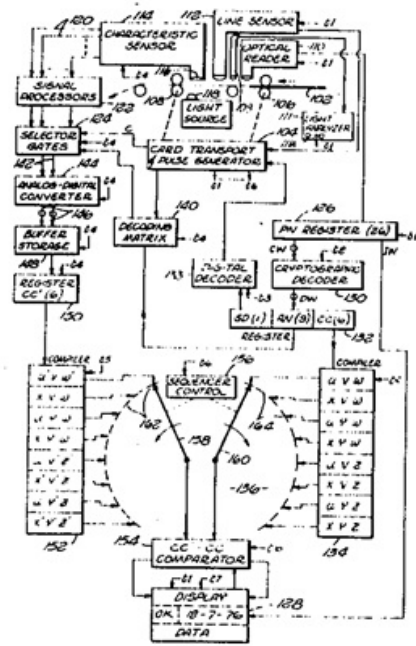
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Abstract:

Source: US4423415A [EN] A system is disclosed for authenticating an object on the basis of certain physical phenomena or character, specifically, measurable, but not practicably duplicable random variations in the object. In one form, the object (authenticator (T)) is a paper tag having a reference space (14), the varying translucency pattern of which is a measurable but practicably unduplicable characteristic of the paper. The reference space (14) is sensed to provide reference signals indicative of the varying translucency. A reference numeral (10) is then provided from some registered form, as on the tag or in a list. If the numeral (10) is readily accessible, it likely will be cryptographically encoded. Note the value of putting encoded information on the tag to avoid the need for large reference files. For verification, freshly sensed reference signals, as from the tag (T) (actually characteristic of the tag) are compared with signals that previously were sensed as characteristic of the tag (T). Structures are disclosed as specific forms of the authenticator (T), along with apparatus for authenticator production, detection and manipulation. Different forms of tags (210) are disclosed, the measurable characteristic of which involves light transmissivity and reflectivity. Apparatus (111) for spectrographic confirmation of tag material is also disclosed. In an illustrative form of a tag (T) as an identification means, tags and processing apparatus utilize magnetic medium (218) and printed images (214). The magnetic medium is also disclosed to be recorded as for developing information on shelf life and sales channels.



Title:
Priority:
Family:

Process and device for working or demolishing built-up or paved areas using a hydraulic medium
IT19830041608 19830916

Publication number	Publication date	Application number	Application date
DE3426889 A1	19850523	DE19843426889	19840720
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IT8341608 A0	19830916	IT19830041608	19830916
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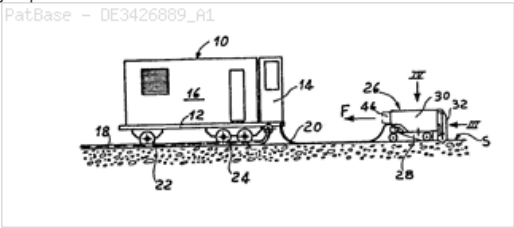
Probable Assignee:
Assignee(s):(std):
Assignee(s):
Inventor(s):(std):
Inventor(s):
International class (IPC 8-9):
International class (IPC 1-7):
CPC:
European class:

FIP IND
FIP IND ; FIP IND S P A ; FIB IND SPA
FIB INDUSTRIALE SPA ; FIP INDUSTRIALE S P A ; FIP INDUSTRIALE SPA
CIANFRONE FRANCESCO ; CIANFRONE FRANCESCO DR ; CLIANFRONE F ; CIANFRONE F
F CIANFRONE ; FRANCESCO CIANFRONE ; F CLIANFRONE
E01C23/12 E01D22/00 E04G23/08 (Advanced/Invention);
E01C23/00 E01D22/00 E04G23/08 (Core/Invention)
E01C23/00 E01C23/08 E01C23/12 E04G23/08 E21C25/60
E01C23/128 E01D22/00 E04G23/08
E01C23/12D E01D22/00 E04G23/08

[Classification Explorer](#)

Forward Citations: WO09131512, EP0646686, DE3904185,

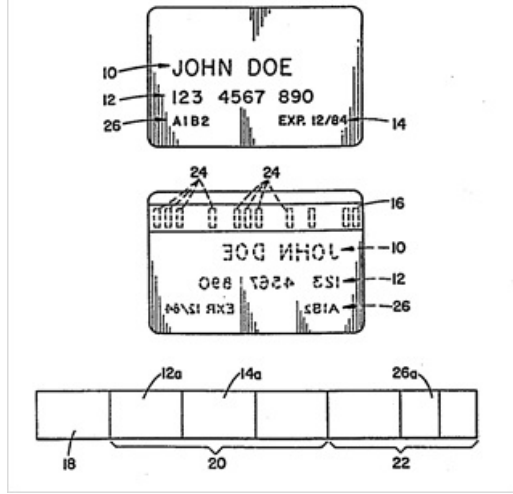
Abstract:
Source: DE3426889A1 [EN] Process and device for the demolition of a paved structure (surface S), preferably comprising concrete, bitumen and/or the like, in which at least one high intensity liquid jet emerging from a nozzle (48 and 48', 48'') is directed onto the surface (S) to be demolished and moved according to a predetermined plan over this surface (S), preferably with the simultaneous oscillation movement of the jet and, if appropriate, jet pulsation.



Title:	INTERCEPT SYSTEM FOR INTERCEPTING STOLEN, LOST AND FRAUDULENT CARDS																																				
Priority:	US19830566180 19831228		US19850772335 19850823		WO1984US02129 19841226																																
Family:	<table><tr><th>Publication number</th><th>Publication date</th><th>Application number</th><th>Application date</th></tr><tr><td>AU198538341 A1</td><td>19850712</td><td>AU19850038341</td><td>19841226</td></tr><tr><td>EP0152703 A2</td><td>19850828</td><td>EP19840309146</td><td>19841228</td></tr><tr><td>EP0152703 A3</td><td>19870819</td><td>EP19840309146</td><td>19841228</td></tr><tr><td>JP61500876 T2</td><td>19860501</td><td>JP19850500461T</td><td>19841226</td></tr><tr><td>US4626669 A</td><td>19861202</td><td>US19830566180</td><td>19831228</td></tr><tr><td>US4745267 A</td><td>19880517</td><td>US19850772335</td><td>19850823</td></tr><tr><td>WO8502927 A1</td><td>19850704</td><td>WO1984US02129</td><td>19841226</td></tr></table>					Publication number	Publication date	Application number	Application date	AU198538341 A1	19850712	AU19850038341	19841226	EP0152703 A2	19850828	EP19840309146	19841228	EP0152703 A3	19870819	EP19840309146	19841228	JP61500876 T2	19860501	JP19850500461T	19841226	US4626669 A	19861202	US19830566180	19831228	US4745267 A	19880517	US19850772335	19850823	WO8502927 A1	19850704	WO1984US02129	19841226
Publication number	Publication date	Application number	Application date																																		
AU198538341 A1	19850712	AU19850038341	19841226																																		
EP0152703 A2	19850828	EP19840309146	19841228																																		
EP0152703 A3	19870819	EP19840309146	19841228																																		
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US4626669 A	19861202	US19830566180	19831228																																		
US4745267 A	19880517	US19850772335	19850823																																		
WO8502927 A1	19850704	WO1984US02129	19841226																																		
Probable Assignee:	FAIRVIEW PARTNERS																																				
Assignee(s):(std):	FAIRVIEW PARTNERS																																				
Assignee(s):	FAIRVIEW PARTNERS FAIRVIEW PARK OH A LTD																																				
Inventor(s):(std):	ABRAHAM ZEEWY ; DAVIS WILLIAM H ; DEVERE RIGGS DEAN ; FLINT HOWARD M ; GOBA JOHN J ; HENRY DAVIS WILLIAM ; JANIS GOBA JOHN ; MOLYNEUX FLINT HOWARD ; RIGGS DEAN D ; ZEEWY ABRAHAM ; ZEEWY ABRAHAM NMI ; RIGGS DEAN DEVERE ; GOBA JOHN JANIS ; FLINT HOWARD MOLYNEUX ; DAVIS WILLIAM HENRY																																				
Designated states:	AT AU BE BR CH DE DK FR GB IT JP LI NL SE US																																				
International class (IPC 8-9):	G06K19/10 G06K19/14 G07D1/00 G07F7/12 (Advanced/Invention); G07D1/00 (Advanced/Non-invention); G06K19/10 G06K19/14 G07D1/00 G07F7/12 (Core/Invention)																																				
International class (IPC 1-7):	G06F15/30 G06K5/00 G06K9/00 G07F7/08																																				
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US class:	235/379 235/380 235/449 283/70 283/904 705/75 713/185																																				
Classification Explorer																																					
Cited documents:	US921007 A, US4568936 A, US4484304 A, US4455039 A, US4357529 A, US4328414 A, US4315101 A, US4304990 A, US4298217 A, US4288659 A, US4283599 A, US4281215 A, US4268715 A, US4253017 A, US4199100 A, US4198619 A, US4171864 A, US4140272 A, US4138058 A, US4138057 A, US4107653 A, US4101905 A, US4013894 A, US3985998 A, US3938091 A, US3922430 A, US3921969 A, US3919719 A, US3919447 A, US3914789 A, US3911430 A, US3890599 A, US3886327 A, US3878367 A, US3755730 A, US3657521 A, US3636318 A, US3612835 A, US3013206 A, GB2073461 A1, GB2069203 A1,																																				
Forward Citations:	WO9534042, WO13191741, WO03007233, WO02093469, WO0067214, USRE34096, USD530741, US9868272, US9799011, US9430727, US9227428, US8725607, US8523062, US8494963, US8397998, US8360312, US8079514, US8033457, US8024269, US7988061, US7988036, US7979348, US7975913, US7971786, US7950587, US7823792, US7823777, US7819310, US7797192, US7793846, US7789311, US7765162, US7734923, US7730312, US7730311, US7730310, US7707408, US7702908, US7689826, US7676681, US7669055, US7617986, US7588184, US7584358, US7530491, US7523495, US7487908, US7469339, US6981648, US6883706, US6786407, US6761319, US6742715, US6742120, US6736325, US6678666, US6659354, US6575372, US6574730, US6488211, US6467691, US6438681, US6385723, US6354506, US6335799, US6328217, US6254000, US6220510, US6164549, US6153879, US6119933, US6079621, US5979762, US5877482, US5867577, US5503904, US5495098, US5491326, US5422468, US5336871, US5317636, US5163098, US4947027, US4906988, US4874187, US4862501, US4707594, US2016089865, US2011226858, US2009294543, US2009230195, US2009127344, US2009087483, US2009008441, US2008164322, US2008091957, US2008091956, US2008084634, US2008074787, US2008059812, US2008052515, US2008005559, US2007255955, US2007180276, US2007143616, US2007048086, US2005171899, US2005040243, US2005005113, US2004230535, US2004225567, US2004222283, US2004217178, US2003061163, US2003024980, US2002105083, US2001056536, GB2342743, GB2342743, GB2264377, GB2264377, GB2214679, GB2214679, FR2837308, FR2815747, FR2717286, FR2704081, EP1351198, EP1351198, EP1140521, EP1140521, EP0683471, EP0671712, EP0621570, EP0372692, EP0340898, EP0340898, EP0208453, AU759064,																																				

Abstract:

Source: US4626669A [EN] A credit card (10) has a layer (28) of high coercivity magnetic material which is of a sufficiently high magnetic coercivity that once its dipoles are polarized, they are unable to be returned to a randomized distribution. The card is embossed with a man-readable code (30) and is electromagnetically recorded with a man-nonreadable code. Particularly, the electromagnetically recorded code includes an account code (42, 44), a visual comparison algorithm code (50), a visual comparison code (52), an electronic comparison code (54), a card identification number (56), and a personal identification number (58). A reader (60) reads the account code and produces a man-readable display (102) of the electromagnetically coded account number. To verify that he has compared the display with the account number on a receipt, the merchant marks the symbols on the receipt which correspond to the highlighted symbols of the display. From the visual comparison code, the reader determines a preselected subset of the man-readable to be highlighted. Further, the reader operates on the electronic comparison code with a preselected mathematical algorithm and compares the algorithm answer with a preselected portion of the account number. As a further verification, the reader operates on the card identification number with another preselected algorithm and compares the algorithm answer with the visual comparison code. Optionally, the reader may have a keyboard (130) on which the cardholder can enter a personal identification number which the reader compares with the electronically encoded personal identification number.



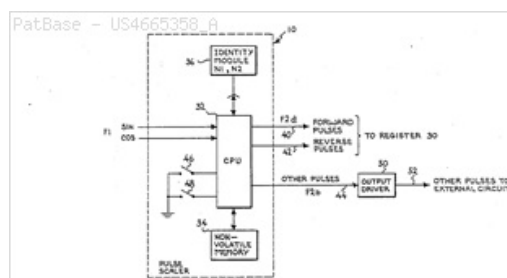
Title: Solid state electronic pulse scaler using ratio of two integers
Priority: CA19860509296 19860515 US19850737074 19850523
Family:

Publication number	Publication date	Application number	Application date
BRPI8602288 A	19870121	BR1986PI02288	19860514
CA1241061 A1	19880823	CA19860509296	19860515
DE3616581 A1	19861127	DE19863616581	19860516
FR2582408 A1	19861128	FR19860007394	19860523
FR2582408 B1	19901026	FR19860007394	19860523
GB2176014 A1	19861210	GB19860011231	19860508
GB2176014 B2	19890719	GB19860011231	19860508
GB8611231 A0	19860618	GB19860011231	19860508
JP62006176 A2	19870113	JP19860110952	19860516
KR19860009306 A	19861222	KR19860004041	19860523
US4665358 A	19870512	US19850737074	19850523

Probable Assignee: GEN ELECTRIC
Assignee(s):(std): GEN ELECTRIC ; GEN ELECTRIC CO GE
Assignee(s): GENERAL ELECTRIC CO ; GENERAL ELECTRIC CY ; GENERAL ELECTRIC COMPANY ; GENERAL ELECTRIC CO GE ; SIMON FRANCOIS Y ; BULLOCK DONALD F ; FARNSWORTH RICHARD G
Inventor(s):(std): BULLOCK DONALD F ; FARNSWORTH RICHARD G ; RICHIIYAADO JIYOOJI FUAANSUWAAS ; SIMON FRANCOIS Y ; FURANSHISU IBU SHIMON ; FARNSWORTH RICHARD GEORGE ; DONARUDO FURANKU BUIROTSUKU ; BULLOCK DONALD FRANK ; SIMON FRANCOIS YVES
Inventor(s): RICHIIYAADO JIYOOJI FUAANSUWAASU ; RICHARD GEORGE FARNSWORTH ; FRANCOIS YVES SIMON ; DONALD FRANK BULLOCK ; DONALD FRANK BULLOCK FRANCOIS YVES SIMON ET... ; YVES SIMON FRANCOIS ; GEORGE FARNSWORTH RICHARD ; FRANK BULLOCK DONALD ; DONALD FRANK BULLOCK FRANCOIS YVES SIMON ET RICHAR
Agent(s): ECKERSLEY RAYMOND A
International class (IPC 8-9): G01R11/02 G01R11/16 G01R21/133 G01R22/00 G06F7/60 G06F7/68 H03K23/00 (Advanced/Invention); G01R11/00 G01R21/00 G06F7/60 (Core/Invention)
International class (IPC 1-7): G01R1/38 G01R11/00 G01R11/16 G01R11/57 G01R11/63 G01R21/127 G01R22/00 G01R23/00 G01R23/02 G01R23/10 G06F7/60 H03K21/00 H03K23/00
CPC: G01R21/133 G06F7/68
European class: G01R21/133 G06F7/68
US class: 324/103R 324/116 324/142 377/47 702/61
[Classification Explorer](#)
Cited documents: US4489384 A, US4425579 A, US4415853 A, US4034292 A, US3943498 A, US3832640 A, US3828255 A, US3617885 A, GB2155673 A1, GB1546552 A, GB1491735 A, GB1452353 A, EP0187335 A1, EP0089799 A1, DE3329761 A1,
Forward Citations: US7167804, US5539304, US5148101, US5113130, US4963820, US2006001415, EP0681167, DE4420049, AU628546,

Abstract:

Source: US4665358A [EN] A solid state electronic pulse scaler uses the ratio of two integers to control a ratio of its input and output frequencies. In one embodiment, the pulse scaler is used as a calibration device to adjust for manufacturing tolerances in an electric metering device. In another embodiment, the pulse scaler is used to provide a pulse-initiator output to external circuits. A further embodiment includes both of the above functions in a single device. A switch-selectable control is provided to determine the consequences of input pulses generated during reverse rotation of a meter disk. The reverse pulses may be used to generate output pulses on the same, or a separate, channel as that employed for forward pulses, ignored, or temporarily stored and subtracted from ensuing forward pulses.



Title: Postage meter shaft assembly**Priority:** US19850795693 19851106**Family:**

Publication number	Publication date	Application number	Application date
DE3684871 D1	19920521	DE19863684871	19861106
EP0221553 A2	19870513	EP19860115388	19861106
EP0221553 A3	19870916	EP19860115388	19861106
EP0221553 B1	19920415	EP19860115388	19861106
EP0221553 B2	19951018	EP19860115388	19861106
US4658123 A	19870414	US19850795693	19851106

Probable Assignee: NEOPOST INC**Assignee(s):(std):** ALCATEL SATMAM ; F M E CORP ; FME CORP ; SMH ALCATEL**Assignee(s):** NEOPOST INC ; ALCATEL SATMAM BAGNEUX FR ; CREDIT AGRICOLE INDOSUEZ**Inventor(s):(std):** PAYN WARD J ; PAYN WARD JAMES ; PIKE TIMOTHY D ; PIKE TIMOTHY DAVID**Inventor(s):** PIKE TIMOTHY DAVID HAYWARD CALIFORNIA 94544 US ; PAYN WARD JAMES PACHECO CALIFORNIA 94553 US**Designated states:** DE FR GB**International class** B41K3/08 G07B17/00 (Advanced/Invention)

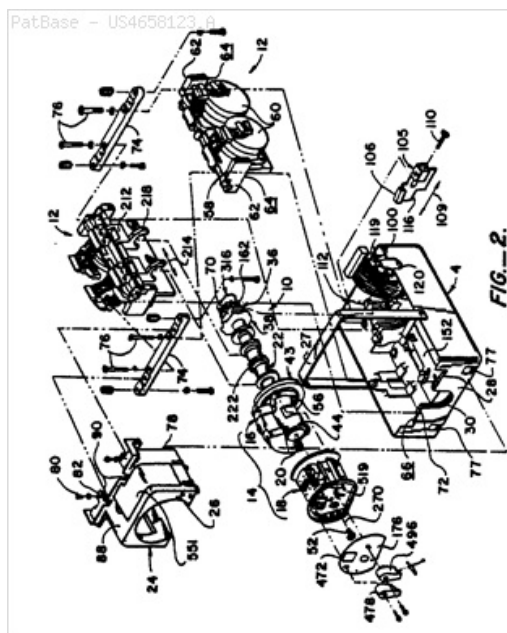
(IPC 8-9):

International class G06F1/00 G07B17/00

(IPC 1-7):

CPC: B41K3/08 G07B17/00508 G07B2017/00548**European class:** B41K3/08 G07B17/00F2 S07B17/00F2A1C**US class:** 101/91 235/101 235/131R 235/1D[Classification Explorer](#)**Cited documents:** US4484307 A, US4097923 A, US4050374 A, GB1590978 A,**Forward Citations:** USD465517, EP1417771, DE3836648,**Abstract:**

Source: US4658123A [EN] A shaft assembly, including a main shaft, is used with a postage meter of the type including a base supporting the main shaft. A printhead is mounted to the outer end of the main shaft so the main shaft and printhead rotate together. The main shaft has a flat surface against which a number of elongate value rods are mounted parallel to the main shaft axis. The outer ends of the value rods are coupled to the printhead to operate the printing elements of the printhead. The inner ends of the value rods are connected to stepper motor drives, mounted to the base, to move the value rods axially. Bearings, mounted to the main shaft, radially position the main shaft relative to the base. At least one of the bearings is fixed to a chosen axial position along the main shaft so that such bearing, when mounted to the base, also axially positions the main shaft relative to the base.



Title: INFORMATION TRANSFER AND USE, PARTICULARLY WITH RESPECT TO OBJECTS SUCH AS GAMBLING CHIPS

Priority: CA19890594253 19890320 EP19870903157 19870420 EP19870903157 19870420
US19880292569 19881230 US19880292569 19881230 US19910669904 19910315
US19890420101 19891011 US19870109075 19871016 US19860853745 19860418
US19940225731 19940411 US19920919502 19920724 US19940303512 19940909
US19970833378 19970407 US19960689927 19960816 WO1995US12023 19950907
WO1990US05644 19901010 US19920927798 19920810 US19920927798 19920810
US19910768106 19910930 US19910768106 19910930 WO1987US00915 19870420

Family:	Publication number	Publication date	Application number	Application date
	AT161984 E	19980115	AT19870903157T	19870420
	AU198773574 A1	19871109	AU19870073574	19870420
	AU199067234 A1	19910516	AU19900067234	19901010
	AU199536378 A1	19960327	AU19950036378	19950907
	AU614470 B2	19910829	AU19870073574	19870420
	CA1320581 A1	19930720	CA19890594253	19890320
	DE3752157 D1	19980212	DE19873752157	19870420
	DE3752157 T2	19980917	DE19873752157T	19870420
	DE69031869 D1	19980205	DE19906031869	19901010
	EP0265497 A1	19880504	EP19870903157	19870420
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	EP0265497 B1	19980107	EP19870903157	19870420
	EP0506680 A1	19921007	EP19900916908	19901010
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	EP0870272 A4	19990804	EP19950933890	19950907
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	US4814589 A	19890321	US19860853745	19860418
	US5088093 A	19920211	US19870109075	19871016
	US5283422 A	19940201	US19920927798	19920810
	US5283422 B1	20001017	US19920927798	19920810
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	WO8903557 A1	19890420	WO1988US03560	19881013
	WO9106068 A1	19910502	WO1990US05644	19901010
	WO9607975 A1	19960314	WO1995US12023	19950907

Probable Assignee: CIAS INC

Assignee(s):(std): CIAS INC ; HAAGEN ERNST VAN ; STORCH LEONARD ; STORCH L ; L STORCH ; VAN HAAGEN ERNST

Assignee(s): STORCH LEONARD NEW YORK N Y US ; STORCH LEONARD NEW YORK NY ; STORCH LEONARD NEW YORK N Y ; LEONARD STORCH ; NOREEN FINDLAN STORCH ; STORCH NOREEN F ; NOREEN FINDLAND STORCH ; CIAS INC (CIAS) ; CIAS INC CIAS ; CIAS INC NEW YORK N Y US

Inventor(s):(std): ERNST VAN HAAGEN ; LEONARD FRANK ; LEONARD STORCH ; HAAGEN VAN ERNST ; VAN HAAGEN ERNST ; STORCH LEONARD ; HAAGEN ERNST VAN ; FRANK LEONARD

Inventor(s): STORCH LEONARD NEW YORK NY 10023 US ; VAN HAAGEN ERNST NEW YORK NY 10023 US

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; RIDOUT AND MAYBEE LLP

Designated states: AT AU BE BJ BR CA CF CG CH CM DE DK ES FI FR GA GB GR HU IE IT JP KP KR LI LK LU MC MG ML MR MW MX NL NO PT RO SE SN SU TD TG

International class (IPC 8-9): A63F1/06 A63F1/18 A63F5/00 A63F9/00 A63F9/24 G01R31/3183 G06F11/00 G06F11/14 G06F19/00 G06K17/00 G06K19/04 G06K19/06 G06K7/10 G06K7/14 G06K9/18 G07D7/00 G07D9/00 G07F1/06 G07F17/32 G09C1/00 G09C5/00 (Advanced/Invention); A63F9/00 G06F11/00 G06F11/08 G06F19/00 G06K17/00 G06K9/18 (Advanced/Non-invention); A63F1/00 A63F5/00 A63F9/00 G06F11/14 G06F19/00 G06K19/04 G06K19/06 G06K7/10 G06K7/14 G06K9/18 G07D7/00 G07F1/00 G07F17/32 G09C1/00 G09C5/00 (Core/Invention); G06F11/00 G06F11/08 G06K17/00 (Core/Non-invention)

International class (IPC 1-7): A47F7/00 A63F1/06 A63F5/00 A63F5/00 A63F9/00 A63F9/24 G06F11/10 G06F15/20 G06F15/21 G06F15/44 G06F17/00 G06F17/60 G06K19/04 G06K19/06 G06K7/10 G06K7/14 G06K9/06 G06K5/00 G06K7/10 G06K7/12 G07F1/06 G07F1/06 G07F17/32 G08B23/00 G09C1/00 G09C1/00 G11C19/00 H03M13/00

CPC: G01R31/318314 Y10S283/901 G06K19/06075 G06K7/1434 G06K19/06037 G06K19/06056 G06F11/00 G06F11/08 G07D5/10 G07D9/002 G07F1/06 G06F11/14 G06K7/14 G06K7/1452 G06K7/1473 G06K19/04 G06K19/06009 G06K2017/0064 G07D5/00 G07D7/00 G07F17/32

European class: G01R31/3183B G06F11/14 G06K19/04 G06K19/06C G06K19/06C3 G06K19/06C5A G06K19/06C5C G06K7/14 G06K7/14A2M G06K7/14A4E G06K7/14A6E G07D5/00 G07D7/00 G07D9/00C G07F1/06 G07F17/32 S06F11/00F S06F11/08 S06K17/00W18

US class: 211/49.1 23/537.5 235/375 235/436 235/437 235/454 235/462 235/462.01 235/462.07 235/462.15 235/463 235/472 235/486 235/494 250/570 283/901 340/323.00R 340/323R 340/5.86 340/825.34 341/50 356/383 365/200 371/30 371/37.1 377/28 377/8 714/746 714/752 714/E11.112

[Classification Explorer](#)

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Forward Citations:

WO9943403, WO9917486, WO9911341, WO9904364, WO9802847, WO9733248, WO9730414, WO9624418, WO9530944, WO9530944, WO9106068, WO17193102, WO17135103, WO17022767, WO17022673, WO14170538, WO13190346, WO07012702, WO07001129, WO06065565, WO06030410, WO06030410, WO06026594, WO05036504, WO04114173, WO04114173, WO04043556, WO04021294, WO03066182, WO03066182, WO03060815, WO0151142, WO0078419, WO0062880, WO0022585, WO0022585, WO0015313, USRE44982, USD798419, USD770593, USD768820, USD764599, USD758537, USD740393, USD705364, USD692068, USD692067, USD692066, USD688241, USD687829, USD687435, USD686208, USD680537, US9940776, US9922502, US9919201, US9918016, US9908034, US9901810, US9878336, US9861881, US9861880, US9859980, US9849368, US9846871, US9846814, US9842231, US9818249, US9811671, US9802114, US9799014, US9798910, US9794489, US9789385, US9786146, US9786123, US9782785, US9782784, US9779556, US9768869, US9764221, US9756255, US9751000, US9744436, US9734667, US9731190, US9717979, US9716711, US9713761, 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Abstract:

Source: US4814589A [EN] Coding systems utilizing machine-readable coding are disclosed. The coding systems are extremely simple to use and preferred embodiments of the machine-readable coding require no external reference or reference code or starting point or orientation for reading or decoding. The number of usable codes for any given number of code elements (bits or digits) is maximized, or, conversely, a minimum number of code elements is required for a given application, thus allowing each code element to be of maximum size for a given coding area. Also, methods and apparatus for encoding objects, and for reading, decoding, processing and using the information obtained from such encoded objects are disclosed. The coding may be applied to objects such as casino chips, currency, automated production line components, consumer products, household items, zip coded objects, etc. The coding system and systems using the coding can be employed for enabling positive real-time detection of counterfeits (rather than mere counterfeit deterrence, cash **monitoring**, information gathering, object identification, etc., at minimum cost with maximum reliability and real-time speed. Preferred embodiments of systems concern round casino chips and paper money. Signals and data may be encoded independently of physical objects while obviating the need for any reference or synchronization in the coding.



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Title: EQUIPAMENTO PARA COMANDO E CONTROLE DE JOGOS E SORTEIOS EQUIPMENT FOR COMMAND AND CONTROL OF GAMES AND SWEEPSTAKES (Machine translation)

Priority: BR1986PI05110 19861020

Family:	Publication number	Publication date	Application number	Application date
	BRPI8605110 A	19871215	BR1986PI05110	19861020

Probable Assignee: HILDA FERNANDEZ ALVAREZ

Assignee(s):(std): HILDA FERNANDEZ ALVAREZ

Inventor(s):(std): ALVAREZ HILDA FERNANDEZ

Inventor(s): HILDA FERNANDEZ ALVAREZ

International class G07C 15/00 (Advanced/Invention);

(IPC 8-9): G07C 15/00 (Core/Invention)

International class A63F9/22 G07C 15/00

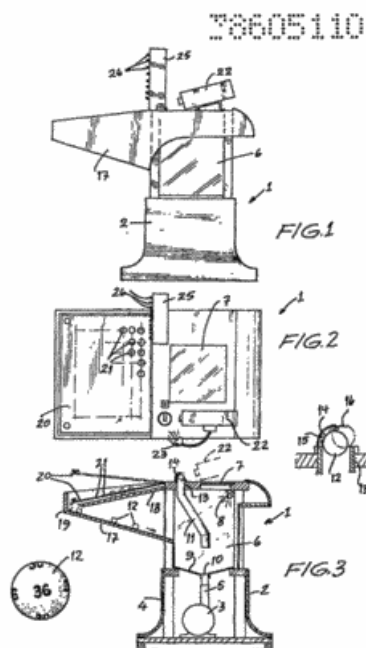
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Abstract:

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Resumo Patente de Invencao para "EQUIPAMENTO PARA COMANDO E CONTROLE DE JOGOS E SORTEIOS", par- ticula rmente
destinado i realizacao de Bingo ou jogos s 5 # mi 1 ares, bem como a sorteios de Loterias, Consorcios ou 1 congeneres, dito
equipamento compreendendo essencialmente uma maquina (1) para o sorteio das esferas numeradas (12), e a qual se acoplam
uma primeira camara (22) de televi - sao, videocassete ou equivalente, e mais um dispositivo1 10. numerador (25), acoplados
por sua vez, e respectivamente, a um ou mais aparelhos **monitores** (24) e um ou mais pai - neis luminosos (27) indicativos dos
numeros sorteados, 1 convenientemente distribuidos pelo recinto (38) onde se1 realiza o jogo ou sorteio, o equipamento
Incluindo ainda 1'5; um dispositivo leitor de carteias (33), com uma segunda1 camara interna (35) de televisao, videocassete ou
simi - lar, igualmente acoplada, porem de maneira seletiva, aos mesmos aparelhos **monitores** (24). **Machine translation:** Fl
«M • • • i V ss • ' • • • H # 9 9 • ss fr. ss • ss «percent and • • • • • ' • # • 4 ss 4 • ' • ' ss ' Summary of Invention Patent for
"TEAM MENT for command and CONTROL of games and SWEEPSTAKES", par ticula r intended realization rmente-Bingo or games
s 5 # mi 1 ares, as well as the sweepstakes lottery, via consortia ou1 counterpart, said equipment comprising essentially a
machine (1) for the draw numbered balls (12), and which engage a first Chamber (22) of tv, VCR, or equivalent, and one more
dispositivo1 10. numerator (25), coupled in turn, and respectl, to one or more machine apparatus **monitors** (24) and one or
more father-bright NIEs (27) indicative of numbers drawn, 1 conveniently distributed by enclosure (38) where se1 performs the
game or raffle, the equipment including 1 ' 5... a reader with the graphics device (33), with a segunda1 camara (35) of television,
VCR or simi-lar also attached, but selectively, the same apparatus **monitors** (24).

PatBase - BRPI8605110_A



Title: EVALUATION OF RESPONSES OF PARTICIPATORY BROADCAST AUDIENCE WITH PREDICTION OF WINNING CONTESTANTS; MONITORING, CHECKING AND CONTROLLING OF WAGERING, AND AUTOMATIC CREDITING AND COUPONING

Priority: US19860837827 19860310 US19880192248 19880510 US19880192355 19880510
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Family:	Publication number	Publication date	Application number	Application date
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Probable Assignee: QUEST NETTECH CORP

Assignee(s):(std): HENRY VON KOHORN ; KOHORN H VON ; VON KOHORN HENRY ; RESPONSE REWARD SYSTEMS L C

Assignee(s): RESPONSE REWARDS SYSTEMS LC ; RESPNSE REWARD SYSTEMS LC ; RESPONSE REWARD SYSTEMS LC ; PRAGMATIC PATENT MANAGEMENT CO ; INTERTECH HOLDINGS LLC ; QUEST NETTECH CORP

Inventor(s):(std): KOHORN HENRY VON ; VON KOHORN HENRY

Inventor(s): HENRY VON KOHORN ; KOHORN HENRY V

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

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International class (IPC 1-7): A63B71/00 A63F13/00 A63F9/18 A63F9/22 A63F9/24 G06F15/28 G06F17/60 G07C13/00 G09B7/00 H04H9/00 H04N7/00 H04N7/08 H04N7/10

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US class: 273/138A 348/1 348/12 348/13 348/E07.024 348/E07.034 348/E07.039 348/E7.024 348/E7.034 348/E7.039 348/E70.24 348/E70.24S 348/E70.34 348/E70.34S 348/E70.39 348/E70.39S 358/84 358/86 364/402 364/405 364/412 379/72 379/92 379/92.01 434/323 455/2 455/4 455/4.2 455/42 455/5 455/5.1 455/51 463/16 463/16S 463/17 463/25 463/25P 463/40 463/40P 463/41 463/42 463/9 705/10 705/14 705/14.14 705/14.2 705/14.26 705/14.4 705/7.29 705/7.32 725/105 725/116 725/13 725/131 725/133 725/134 725/135 725/138 725/139 725/141 725/144 725/151 725/23 725/24 725/5 725/60 725/9 902/23

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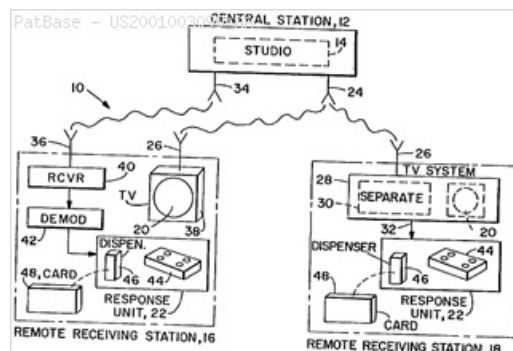
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US2003135857, US2003135605, US2003135462, US2003130920, US2003130038, US2003125822, US2003118977, US2003115135, US2003114217, US2003110499, US2003110485, US2003110109, US2003109306, US2003105694, US2003105693, US2003105664, US2003105558, US2003104867, US2003101100, US2003100368, US2003097478, US2003094489, US2003093791, US2003092485, US2003092477, US2003088872, US2003088482, US2003088461, US2003087072, US2003084451, US2003084444, US2003083950, US2003079220, US2003078839, US2003078103, US2003078093, US2003074665, US2003073472, US2003069753, US2003069074, US2003069070, US2003067554, US2003067418, US2003066091, US2003065642, US2003064788, US2003064784, US2003061147, US2003061097, US2003060897, US2003060286, US2003060261, US2003060256, US2003055759, US2003054888, US2003053655, US2003051253, US2003051242, US2003046683, US2003046223, US2003046219, US2003045336, US2003041427, US2003041328, US2003040357, US2003036991, US2003033543, US2003033250, US2003032476, US2003030636, US2003028892, US2003028879, US2003028422, US2003027621, US2003021396, US2003018969, US2003014423, US2003014412, US2003014363, US2003013528, US2003013526, US2003009755, US2003006557, US2003005301, US2003005151, US2003004810, US2003004786, US2002199198, US2002199193, US2002198050, US2002196275, US2002194589, US2002194058, US2002188497, US2002184366, US2002184339, US2002184077, US2002183102, US2002178445, US2002178111, US2002178060, US2002178020, US2002174432, US2002174425, US2002169700, US2002169668, US2002169665, US2002169664, US2002169520, US2002165777, US2002165775, US2002165770, US2002162117, US2002161779, US2002156909, US2002156712, US2002151363, US2002151341, US2002147669, US2002147047, US2002144269, US2002144265, US2002143901, US2002143626, US2002143619, US2002143607, US2002142842, US2002142759, US2002140925, US2002138831, US2002137015, US2002133816, US2002133438, US2002133407, US2002128057, US2002123926, US2002120927, US2002120593, US2002120545, US2002120514, US2002120504, US2002120501, US2002116716, US2002116266, US2002116260, US2002112250, US2002111867, US2002111854, US2002107738, US2002101504, US2002100042, US2002100040, US2002098891, US2002098883, US2002097979, US2002095510, US2002095335, US2002091606, US2002088011, US2002087967, US2002087410, US2002087405, US2002087400, US2002082988, US2002082915, US2002078144, US2002077969, US2002077902, US2002077893, US2002076674, US2002073021, US2002072968, US2002072952, US2002068633, US2002068622, US2002066358, US2002065120, US2002062483, US2002059629, US2002059588, US2002059069, US2002057286, US2002055883, US2002054088, US2002054078, US2002052838, US2002052780, US2002052779, US2002052776, US2002052752, US2002049975, US2002049967, US2002049909, US2002046162, US2002046121, US2002046095, US2002046049, US2002044066, US2002042914, US2002042751, US2002042282, US2002038257, US2002034980, US2002033365, US2002026346, US2002023272, US2002016964, US2002016737, US2002013950, US2002013173, US2002007371, US2002004739, US2002002487, US2001056376, US2001054003, US2001053998, US2001053686, US2001051540, US2001049627, US2001048439, US2001047291, US2001047252, US2001041977, US2001041612, US2001037293, US2001037211, US2001036858, US2001036272, US2001034741, US2001034654, US2001032125, US2001029477, US2001027467, US2001025252, US2001021915, US2001013123, US2001001145, TWI558188, NL1011141, KR100949483, KR100743584, JP4192608, JP2004229223, GB2479333, GB2440284, GB2440284, GB2405807, GB2386565, GB2363583, GB2362835, GB2353667, GB2353667, GB2326004, GB2326004, GB2302247, GB2302247, FR2865289, FR2826224, FR2814085, FR2775820, FR2754189, FR2739993, FR2658375, FR2647619, EP2317768, EP2317768, EP2299713, EP2265019, EP2265019, EP1929439, EP1856682, EP1833011, EP1622380, EP1535259, EP1434183, EP1434183, EP1431943, EP1431943, EP1417614, EP1410350, EP1359757, EP1351748, EP1345662, EP1343319, EP1320942, EP1277659, EP1265386, EP1195183, EP1155391, EP1139592, EP1139592, EP1109406, EP1109406, EP1054713, EP1034822, EP1019160, EP1008948, EP0974921, EP0964542, EP0921696, EP0921696, EP0921696, EP0904140, EP0835564, EP0833469, EP0809899, EP0783229, EP0769749, EP0686334, EP0613600, EP0613600, EP0474923, EP0399897, DE4309504, DE19909130, DE19819920, DE19819920, DE19547902, DE19547902, DE19523515, DE19523515, C2299063, AU770698, AU766566, AU758616, AU758614, AU758608, AU686795, AU636842, AU636583, AU2004216690, AU2003200901, AU2003200901, AU2001287073,

Abstract:

Source: US2001003099A [EN] A system and method for evaluating responses to broadcast programs, such as television programs, include an instructional signal modulated onto a signal transmitted concurrently with the television program, simulcast, or time-multiplexed with a television. At each of a plurality of remote receiving stations, one or more members of a remote audience has the opportunity to respond to a situation presented in the television program by entering a response on a keyboard. The system includes response evaluation circuitry which may be located at a central facility or partially at the central facility and partially at each remote receiving station, or completely within a response unit at each remote receiving station, in the latter case the response unit having a memory responsive to the instructional signal for storing acceptable responses, a comparison circuit for comparing responses entered at the keyboard with those stored in the memory, circuitry for scoring responses in accordance with commands from the instructional signal, and a recording device for providing a permanent record of the audience score at the remote station. For conducting a sweepstakes, numbers or other responses are entered at the remote stations and are stored at a central facility for verification. The program may be presented live conducted by a host at a central station, or by a prerecorded message accessible by telephone from a remote station with regulation from a central station, and members of the remote audience may predict or select winning contestants.



Title: Die protection assembly for preventing fraudulent printing by an electronic postage meter

Priority: CA19880580796 19881020 US19870114361 19871027 US19890449153 19891215

Family:

Publication number	Publication date	Application number	Application date
AU198824111 A1	19890427	AU19880024111	19881021
AU613968 B2	19910815	AU19880024111	19881021
CA1326402 A1	19940125	CA19880580796	19881020
CH679345 A	19920131	CH19880004019	19881027
DE3836639 A1	19890511	DE19883836639	19881027
DE3836639 C2	20000914	DE19883836639	19881027
FR2622324 A1	19890428	FR19880013971	19881026
FR2622324 B1	19930226	FR19880013971	19881026
GB2211469 A1	19890705	GB19880025017	19881026
GB2211469 B2	19910821	GB19880025017	19881026
GB8825017 A0	19881130	GB19880025017	19881026
US5020429 A	19910604	US19890449153	19891215

Probable Assignee: PITNEY BOWES INC

Assignee(s):(std): PITNEY BOWES ; PITNEY BOWES INC

Assignee(s): PITNEY BOWES INC STAMFORD CONN US ; PITNEY BOWES INC WORLD HEADQUARTERS ; RILEY GILBERT N ; HOLODNAC RICHARD S ; MALIN RICHARD A

Inventor(s):(std): HOLODNAC RICHARD S ; MALIN RICHARD A ; RILEY GILBERT N

Inventor(s): RILEY GILBERT N WILTON CONN US ; MALIN RICHARD A WESTPORT CONN US ; RICHARD A MALIN ; RICHARD S HOLODNAC ; HOLODNAC RICHARD S STRATFORD CONN US ; GILBERT N RILEY

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; SIM AND MCBURNEY

International class (IPC 8-9): B41J29/58 B41K3/62 G07B17/00 (Advanced/Invention); G07B17/00 (Core/Invention)

International class (IPC 1-7): B21J29/58 B41J1/48 B41J29/58 B41K3/62 B41K3/66 G07B17/02 G07B17/04

CPC: G07B17/00193 G07B17/00508 G07B2017/00233 G07B2017/00241 G07B2017/00548

European class: G07B17/00E1 G07B17/00F2 S07B17/00E1E S07B17/00E1F S07B17/00F2A1C

US class: 101/110 101/91 101/93 235/101 364/464.02 400/663 705/410

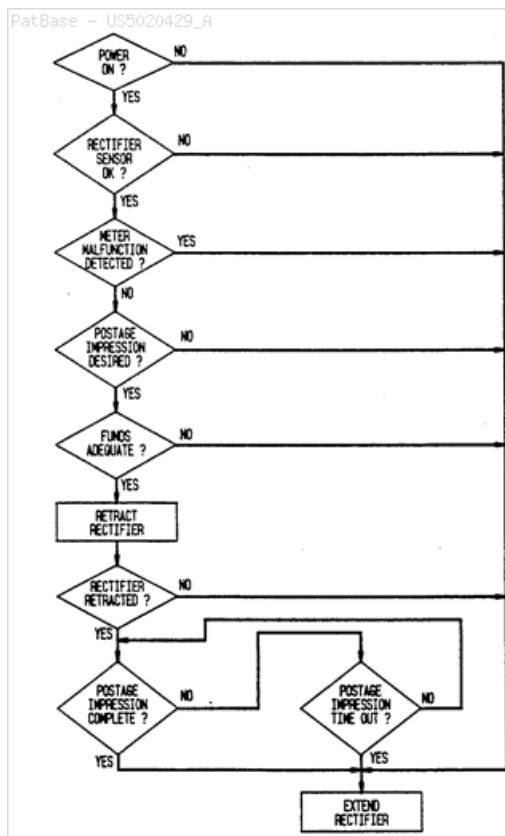
[Classification Explorer](#)

Cited documents: US4579054 A, US4559444 A, US4549281 A, US4535407 A, US4523523 A, US4472625 A, US4302821 A, US4099049 A, US3133700 A, US2829591 A, US2795186 A, US2746382 A, US2568624 A, US2350853 A, GB576266 A, GB2142281 A1, EP0096386 A2, DE3427471 A1,

Forward Citations: US7231859, US5816147, US5452654, US5427025, US5309363, US5113059, US2001010184, EP0484058,

Abstract:

Source: US5020429A [EN] A postage meter module includes die protector blades to prevent fraudulent taking of postage meter imprints. A first plurality of die protectors are retracted to expose the adjacent printwheels when the meter makes a check on its internal condition. The remainder of the die protectors are retracted under different conditions while the first are still retracted in order to enable an imprint to be taken. Preferably the remainder of the die protectors are retracted only for a predetermined interval after a print signal has been received. The die protectors also serve to align the printwheels when the protectors are retracted.



Title: LOW POWER CONTROL APPARATUS FOR A COIN OPERATED TELEPHONE
Priority: CA19890600670 19890525 US19880199129 19880526 WO1989US02280 19890524
Family:

Publication number	Publication date	Application number	Application date
AT136709 E	19960415	AT19890305264T	19890524
AU198937602 A1	19891212	AU19890037602	19890524
AU610798 B2	19910523	AU19890037602	19890524
BRPI8906991 A	19900619	BR1989PI06991	19890524
CA1312971 A1	19930119	CA19890600670	19890525
CN1018323 B	19920916	CN19891004467	19890525
CN1038194 A	19891220	CN19891004467	19890525
DE68926181 D1	19960515	DE19896026181	19890524
DE68926181 T2	19961219	DE19896026181T	19890524
DK21390 A	19900326	DK19900000213	19900126
DK21390 A0	19900126	DK19900000213	19900126
EP0343966 A2	19891129	EP19890305264	19890524
EP0343966 A3	19910410	EP19890305264	19890524
EP0343966 B1	19960410	EP19890305264	19890524
ES2085864 T3	19960616	ES19890305264T	19890524
HU56673 A2	19910930	HU19890003865	19890524
HU8903865 A0	19910828	HU19890003865	19890524
JP03501197 T2	19910314	JP19890506491T	19890524
JP2911933 B2	19990628	JP19890506491T	19890524
JP3501197 T2	19910314	JP19890506491T	19890524
KR19907002701 A	19901208	KR19907000142	19890524
MX164325 B	19920803	MX19890016219	19890526
NO900352 A	19900326	NO19900000352	19900125
NO900352 A0	19900125	NO19900000352	19900125
US4926458 A	19900515	US19880199129	19880526
WO8911766 A1	19891130	WO1989US02280	19890524

Probable Assignee: MARS INC A CORP OF DE
Assignee(s):(std): MARS INC ; REGER PHILIP R
Assignee(s): REGER PHILIP RENE ; LEWIS CRAIG ASHLEY ; MAAZU INC ; MARS INC A CORP OF DE ; MARS INC MCLEAN VA US ; MARS INC US ; MCGARRY PATRICK J
Inventor(s):(std): LEWIS CRAIG A ; LEWIS CRAIG ASHLEY ; LEWIS GRAIG ASHLEY ; MCGARRY PATRICK J ; REGER PHILIP R ; REGER PHILIP RENE
Inventor(s): REGER PHILIP RENE NEWTON SQUARE PA 19073 US ; REGER PHILIP RENE US ; RUISU KURETSUGU ASHUREI ; CRAIG ASHLEY LEWIS ; MCGARRY PATRICK J US ; MCGARRY PATRICK J WEST CHESTER PA 19380 US ; PATRICK J MCGARRY ; PATRICK J MCGARRY ; PHILIP RENE REGER ; REGAA FUJITSUPU REEN ; LEWIS GRAIG ASHLEY BERWYN PA 19312 US ; MAKUGARII PATORITSUKU JEE ; LEWIS CRAIG ASHLEY US
Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; KIRBY EADES GALE BAKER
Designated states: AT AU BE BG BR CH DE DK ES FR GB GR HU IT JP KR LI LU NL NO RO SE SU
International class (IPC 8-9): H04M17/00 H04M17/02 H04M19/08 (Advanced/Invention); H04M17/00 (Advanced/Non-invention); H04M17/00 H04M19/08 (Core/Invention); H04M (Subclass/Invention)
International class (IPC 1-7): H02M1/24 H04M1/24 H04M11/00 H04M17/00 H04M17/02 H04M19/00 H04M19/02 H04M19/08 H04M19/8 H04N17/02
CPC: H04M19/08 H04M17/023 Y02D70/126 Y02D70/122
European class: H04M17/02B H04M19/08
US class: 379/146 379/155 379/27 379/27.01
[Classification Explorer](#)
Cited documents: US4768223 A, US4768217 A, US4742536 A, US4674114 A, US4625078 A, US4567325 A, US4361731 A, US4326103 A, US4124775 A, US4074079 A, US4046962 A, US4039768 A, US4031325 A, US3760101 A, US3428751 A, GB2128451 A1, EP0169507 A2, AU7964687 A1, AU593374 B2, AU586716 B2,
Forward Citations: WO9626594, US7509509, US7111182, US7076278, US6320945, US6278768, US6047063, US5907606, US5515030, US5454463, US5438606, US5410590, US5316124, US5309498, US5133005, US5025466, US4979208, US2005050369, GB2400276, GB2400276, EP0971526, DE102004003332, DE10144025, BE1009113, AU625952,

Abstract:

Source: US4926458A [EN] A low power control apparatus for a coin operated telephone controls a full range of phone functions as well as an electronic coin acceptor. The control utilizes phone line power. Power for all the normal operations of the coin operated telephone and its coin acceptor is also supplied from the phone line. The control is preferably microcontroller based and designed utilizing low power components. In the control, an interface circuit serves to connect the phone tip and ring lines to either a power supply circuit or to a totalizer and escrow control circuit. The power supply also provides power to an audio network including a variety of **fraud** prevention circuits, a modem, and several time generator circuits. A **monitor** system **monitors** the status of several security switches to **monitor** the phone's condition. Hardware and software design features control the application of power to circuits only when needed.

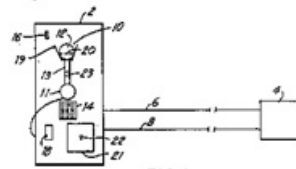


FIG. 1

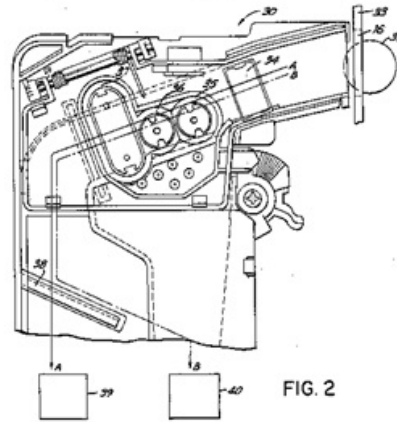


FIG. 2

Title: Mobile pay telephone system
Priority: AU1988PJ00336 19880909 AU19890042265 19890908 WO1989AU00382 19890908
CA19890610466 19890906

Family:	Publication number	Publication date	Application number	Application date
	AU198942265 A1	19900402	AU19890042265	19890908
	AU624182 B2	19920604	AU19890042265	19890908
	BRPI8907639 A	19910514	BR1989PI07639	19890908
	CA1317638 A1	19930511	CA19890610466	19890906
	CN1026939 C	19941207	CN19891008167	19890909
	CN1042635 A	19900530	CN19891008167	19890909
	EP0433343 A1	19910626	EP19890910053	19890908
	EP0433343 A4	19911227	EP19890910053	19890908
	ES2015453 AF	19900816	ES19890003080	19890908
	FI911122 A0	19910306	FI19910001122	19910306
	IN176244 A	19960323	IN1989DE00803	19890907
	JP4500591 T2	19920130	JP19890509596T	19890908
	NO910893 A	19910507	NO19910000893	19910307
	NO910893 A0	19910307	NO19910000893	19910307
	NZ230609 A	19920925	NZ19890230609	19890911
	US5272747 A	19931221	US19910663902	19910508
	WO9003077 A1	19900322	WO1989AU00382	19890908

Probable Assignee: TELSTRA CORP LTD

Assignee(s):(std): AUSTRALIAN AND OVERSEAS TELECOM ; MEADS STEPHEN B ; MEADS STEPHEN BARRIE ; TELSTRA CORP LTD

Assignee(s): STEPHEN BARRIE MEADS ; AUSTRALIAN AND OVERSEAS TELECOMMUNICATIONS CORP LT ; AUSTRALIAN AND OVERSEAS TELECOMMUNICATIONS CORP LTD

Inventor(s):(std): MEADS STEPHEN BARRIE ; MEADS STEPHEN B

Inventor(s): STEPHEN BARRIE MEADS

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; BURKE ROBERTSON

Designated states: AT AU BB BE BF BG BJ BR CF CG CH CM DE DK FI FR GA GB HU IT JP KP KR LI LK LU MC MG ML MR MW NL NO RO SD SE SN SU TD TG US

International class (IPC 8-9): H04M15/00 H04M15/30 H04M17/00 H04M17/02 H04Q7/32 H04W88/02 (Advanced/Invention); H04M15/00 H04M15/28 H04M17/00 H04W88/00 (Core/Invention); H04M (Subclass/Invention)

International class (IPC 1-7): G06F7/00 G07F17/28 G07F5/10 H04B7/26 H04M1/00 H04M11/00 H04M15/00 H04M15/30 H04M17/00 H04M17/02 H04Q7/04

CPC: H04M17/00 H04W88/021

US class: 194/344 194/346 379/144.01 379/144.05 379/144.08 379/145 379/147 379/150 379/155 379/59 455/407 455/419 455/557

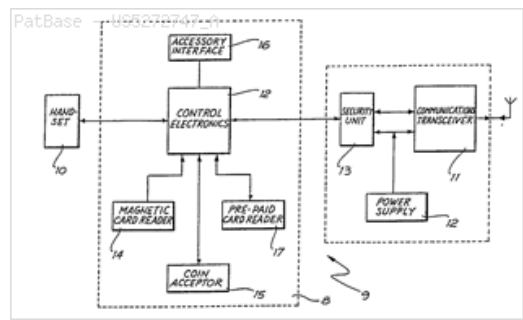
[Classification Explorer](#)

Cited documents: US4860341 A, US4737976 A, US4718080 A, US3576402 A, US2278436 A, US1470747 A, JP58106944 A2, JP56160149 A2, IT574673 A, GB787676 A, GB2179524 A1, GB2174571 A1, GB2173624 A1, GB2144305 A1, FR2224950 A1, EP0113693 A1, EP0052951 A1, EP0043190 A1, DE3419533 A1, DE3029395 A1, AU7921487 A1, AU600873 B2,

Forward Citations: WO9749226, WO9613115, WO9609734, WO9502949, WO9321740, WO12057715, WO06099708, WO06099708, WO0163950, WO0003520, USD477609, USD477329, US9860820, US9691263, US9615226, US9614398, US9571582, US9515691, US9509153, US9439126, US9430936, US9282029, US9129497, US9111240, US8982856, US8964708, US8930571, US8924588, US8924587, US8855687, US8848825, US8787246, US8666357, US8625496, US8594138, US8489063, US8452247, US8446884, US8418039, US8410931, US8379564, US8369393, US8346227, US8249865, US8233471, US8223010, US8212667, US8195093, US8171136, US8103313, US8073440, US8068792, US8064412, US8060409, US8041388, US8036600, US8036201, US8031650, US8013732, US8000314, US7983310, US7979095, US7848763, US7797193, US7756086, US7729944, US7719132, US7697492, US7650647, US7650425, US7509134, US7493105, US7486945, US7480501, US7424527, US7397907, US7295128, US7263073, US7215965, US7212802, US7187928, US7137550, US7103511, US7079810, US6959202, US6754481, US6704563, US6618578, US6577858, US6490458, US6487280, US6418326, US6289315, US6205339, US6108531, US6091944, US6078806, US6062560, US6047173, US6038491, US6011975, US6010067, US5987498, US5983091, US5946614, US5920815, US5887266, US5881141, US5850599, US5845205, US5841836, US5809124, US5774652, US5758281, US5749052, US5748720, US5724415, US5701338, US5694451, US5673308, US5664005, US5621787, US5619684, US5610972, US5602906, US5590373, US5579379, US5572005, US5568536, US5550917, US5550897, US5506887, US5469495, US5442553, US5428677, US5393964, US5388148, US5353331, US2015162760, US2012095810, US2011125488, US2010273470, US2010202435, US2010197322, US2010067565, US2009149196, US2009117947, US2008269245, US2008217400, US2008132276, US2007083298, US2007072625, US2007069913, US2006182241, US2006182240, US2005282585, US2005063405, US2004185833, US2003177088, US2003093386, US2003083080, US2002102963, JP7162560, GB2267794, ES2107381, ES2076094, ES2068746, ES2068730, ES2043550, EP0600822, EP0580769, DE4408655, CN102547633, AU674676,

Abstract:

Source: US5272747A [EN] PCT No. PCT/AU89/00382 Sec. 371 Date May 8, 1991 Sec. 102(e) Date May 8, 1991 PCT Filed Sep. 8, 1989 PCT Pub. No. WO90/03077 PCT Pub. Date Mar. 22, 1990.A mobile telephone system for public transportation vehicle, such as trains, cabs, etc., provides passengers with a wide variety of public services presently not available in any other system. Such services include access to facsimile machines and other peripheral devices, a range of payment options such as credit card or cash, and voice synthesized as well as visual instructions on how to operate the system making the system user friendly to an unrehearsed user.



Title:

Information processing expert system for text analysis and predicting public opinion based information available to the public

Priority:

US19870035080 19870406 US19900529101 19900525 US19930045317 19930407

Family:

Publication number	Publication date	Application number	Application date
US4930077 A	19900529	US19870035080	19870406
US5371673 A	19941206	US19930045317	19930407

Probable Assignee:

FAN DAVID P

Assignee(s):(std):

FAN DAVID P

Assignee(s):

INFOTREND INC

Inventor(s):(std):

FAN DAVID P

International class (IPC 8-9):

G06Q30/00 G06Q30/02 (Advanced/Invention)

International class (IPC 1-7):

G08F15/38 H04M11/00

CPC:

G06Q30/02

European class:

G06F17/60B2 G06Q30/02

US class:

364/419 364/419.01 379/92.03 704/1 704/8 704/9 715/236 715/531

[Classification Explorer](#)

Cited documents:

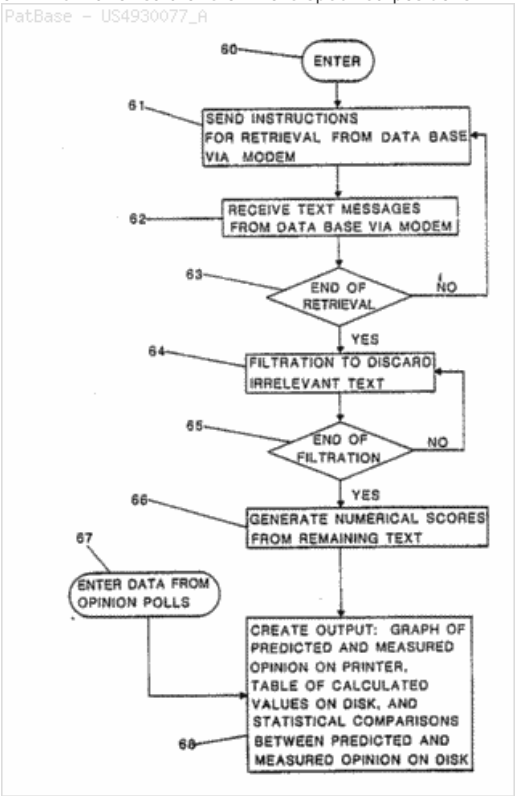
US4930077 A, US4745549 A, US4745468 A, US4603232 A, US4320256 A, US3950618 A,

Forward Citations:

WO04046956, WO04034234, WO04034234, WO0017824, WO0007310, US9904671, US9900223, US9898526, US9894121, US9858693, US9857946, US9846728, US9838479, US9836546, US9800729, US9792828, US9792366, US9781212, US9741043, US9715543, US9710540, US9697288, US9679049, US9652554, US9619909, US9619551, US9558259, US9552424, US9542483, US9519911, US9495779, US9489446, US9477766, US9477751, US9462224, US9455891, US9442989, US9430738, US9396479, US9390151, US9386124, US9384678, US9384573, US9384265, US9350843, US9350842, US9342909, US9336496, US9336303, US9330175, US9311601, US9298814, US9275344, US9256892, US9251265, US9245367, US9237231, US9235566, US9213689, US9208592, US9208502, US9208221, US9195399, US9178972, US9176642, US9165062, US9159082, US9158855, US9141972, US9135641, US9124687, US9113035, US9092421, US9082232, US9064008, US9047484, US9047483, US9002856, US8983974, US8983889, US8965753, US8942488, US8909647, US8898134, US8874727, US8862591, US8825726, US8793715, US8792733, US8775162, 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US2010121849, US2010121843, US2010121707, US2010119053, US2010083123, US2010050118, US2010049708, US2010039431, US2009269847, US2009187559, US2009177983, US2009177463, US2009162818, US2009157389, US2009156505, US2009077130, US2009063134, US2009042804, US2009037487, US2009024409, US2009015875, US2008316552, US2008313571, US2008281627, US2008270121, US2008255936, US2008227075, US2008209343, US2008201655, US2008201132, US2008177033, US2008154883, US2008133221, US2008126319, US2008109214, US2008104063, US2008089491, US2007277250, US2007219856, US2007208614, US2007208554, US2007124432, US2007121837, US2007106785, US2007088605, US2007067210, US2007050204, US2007022112, US2007011185, US2006288099, US2006287989, US2006253431, US2006247165, US2006194183, US2006177808, US2006167931, US2006149036, US2006120605, US2006098803, US2006095251, US2006085248, US2006080162, US2006074727, US2006069589, US2005222897, US2005209145, US2005208589, US2005170326, US2005170325, US2005135595, US2005125780, US2005097067, US2005091038, US2005078805, US2005010555, US2004258726, US2004249630, US2004243529, US2004216046, US2004202991, US2004194036, US2004181927, US2004180311, US2004141207, US2004131279, US2004128624, US2004126036, US2004116821, US2004088325, US2004088323, US2004088322, US2004088312, US2004088303, US2004088287, US2004088275, US2004086841, US2004073476, US2004064472, US2004042592, US2004018961, US2004006473, US2004001893, US2003212546, US2003156706, US2003143981, US2003120649, US2003086586, US2003028459, US2003026409, US2003018451, US2002196277, US2002156810, US2002122606, US2002116466, US2002016800, US2001051964, US2001029463, RU2601177, KR100953238, KR100883261, GB2411028, EP1450268, EP1450268, EP1016000, EP0592467,

Abstract:

Source: US4930077A [EN] A method and system for text analysis provides that text messages perceived by a population can be scored to determine the extent to which the messages favor one or more specified positions on a specified issue. A method and system for predicting public opinion based on message scores provides that the extent to which messages favor one or more specified positions can be used to determine the effect on the opinions of a specified population and to determine changes in the percentages of the percent of subpopulations within said specified population which favor said one or more specified positions.



Title:	AUTOMATED RECYCLING MACHINE				
Priority:	US19900462394 19900105		US19900520715 19900507		WO1991US00046 19910102
Family:	Publication number	Publication date	Application number	Application date	
	AU199172222 A1	19910724	AU19910072222	19910102	
	US5111927 A	19920512	US19900520715	19900507	
	WO9110216 A1	19910711	WO1991US00046	19910102	
Probable Assignee:	FIREPOND INC				
Assignee(s):(std):	ES TECH INTERNATIONAL INC ; ES TECH INT INC ; SCHULZE JR EVERETT E				
Assignee(s):	SCHULZE EVERETT E ; SCHULZE EVERETT E JR ; WALTER J GATES III PA ; ES TECH INT INC A CORP OF NV ; FP TECH HOLDINGS LLC ; FPX LLC ; FP TECHNOLOGY INC ; FIREPOND INC ; RADCLIFFE SPC LTD ; BANK OF NEW YORK ; BANK OF NEW YORK AGENT AS ; BANK OF NEW YORK AS AGENT ; BOWLEN WILLIAM A ; ENVIROMINT AMERICA INC ; ES TECH INT ; MCBRIDE MELISSA				
Inventor(s):(std):	SCHULZE EVERETT E JR ; SCHULZE JR EVERETT E				
Inventor(s):	EVERETT E SCHULZE JR ; SCHULZE EVERETT E				
Designated states:	AT AU BE CA CH DE DK ES FR GB GR IT JP KR LU NL NO SE				
International class (IPC 8-9):	G06Q30/00 G06Q30/02 G07F7/06 G07G1/00 (Advanced/Invention); G06Q30/00 G07F7/00 G07G1/00 (Core/Invention)				
International class (IPC 1-7):	B07C5/00 G07F7/06				
CPC:	Y10S100/902 Y10S209/93 G06Q30/02 G06F2219/10 G07F7/0609 G07F17/3248 G07F17/3253 G07G1/00 Y02W30/61 Y02W30/628				
European class:	G06F17/60B2 G06Q30/02 G07F17/32K4 G07F17/32K8 G07F7/06B G07G1/00 S06F219/10				
US class:	100/902 194/209 209/644 209/930				

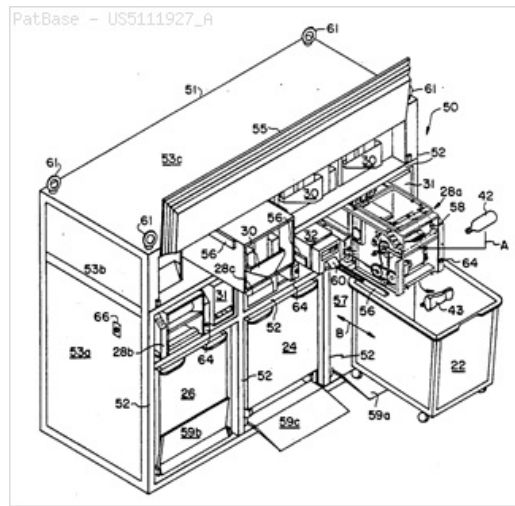
[Classification Explorer](#)

Cited documents: USRE27643 E, US4784251 A, US4726535 A, US4715920 A, US4601238 A, US4597487 A, US4579216 A, US4554446 A, US4512253 A, US4483248 A, US4454028 A, US4436026 A, US4265170 A, US4102263 A, US4091725 A, US3907087 A, US3802631 A, US3792765 A, US3749240 A, US3104607 A,

Forward Citations: WO9943579, WO9722954, WO9525320, WO9508163, WO14179667, WO14179667, WO09154487, WO06012420, WO06012420, WO06004431, WO03096285, WO03096285, WO03007249, WO03007249, WO0234398, USRE44689, USRE44252, USRE42090, USD748168, USD734789, USD722626, USD719195, US9934640, US9916713, US9875593, US9870668, US9830762, US9818249, US9799014, US9633500, US9594982, US9524506, US9508208, US9501885, US9443367, US9437069, US9430893, US9330515, US9235945, US9230381, US9183687, US9129294, US9129271, US9092924, US9064268, US9036890, US9022841, US8967361, US8959029, US8874467, US8871637, US8862495, US8775245, US8763941, US8744907, US8712830, US8701860, US8701857, US8684160, US8684159, US8626581, US8606633, US8602200, US8578265, US8560459, US8559694, US8545295, US8523641, US8473342, US8443958, US8393455, US8387875, US8370200, US8332313, US8229851, US8229821, US8103586, US8096397, US8050969, US8042732, US8033375, US8024272, US8023715, US8009015, US7973800, US7971699, US7874478, US7865432, US7841521, US7653599, US7621426, US7527193, US7520374, US7464802, US7401032, US7331520, US7303119, US7131580, US7081900, US7073669, US7044052, US7028861, US6976570, US6891119, US6865545, US6854581, US6847373, US6778276, US6758316, US6736251, US6626093, US6602125, US6570653, US6530312, US6443057, US6374998, US6369882, US6336099, US6321208, US6314406, US6286655, US6250472, US6105290, US6100487, US6003441, US5918721, US5916024, US5915243, US5713795, US5708782, US5697844, US5625562, US5524533, US5508731, US5485925, US5441160, US5435445, US5377907, US5368129, US5361913, US5350120, US5327822, US5249044, US2015283453, US2015235185, US2014041538, US2011186623, US2011099105, US2010281429, US2010088590, US2010070358, US2010044481, US2009217828, US2009049577, US2008087520, US2008086411, US2008010197, US2007260466, US2007219862, US2007069007, US2006237349, US2006196926, US2006191770, US2006175176, US2006163028, US2006069588, US2006060445, US2006047573, US2005149404, US2005127090, US2004217585, US2004211712, US2004124062, US2004084892, US2004027574, US2004020377, US2003057026, US2002189920, US2002123914, US2002099604, ITC220120011, GR1003527, GR1003527, GB2439966, FR2687239, EP3113122, EP2363837, EP2012926, EP1861834, EP1779336, EP1540603, EP1471477, EP0924659, EP0802511, EP0795843, EP0605596, EP0561148, EP0558426, DE202007019603, DE10214610, CN102800151,

Abstract:

Source: US5111927A [EN] A beverage container recycling machine is disclosed. The machine includes a first module for receiving and handling plastic containers, a second module for receiving and handling glass containers and a third module for receiving and handling metal containers. Each of the three modules is contained in the same housing or storage unit. Preferably, the machine includes one or more coupon dispensers for dispensing redeemable coupons and the machine is conveniently located near a store or other outlet at which the coupons can be redeemed. Each of the three modules is separately accessed but their operations are, preferably, under the common control of a single processor unit. The housing also contains a separate coin dispensing unit for each of the three modules and in one embodiment, both coins and a coupon are dispensed upon receipt of an acceptable container in the appropriate module.



Title: ALLELIC ASSOCIATION OF THE HUMAN DOPAMINE (D2) RECEPTOR GENE IN COMPULSIVE DISORDERS SUCH AS ALCOHOLISM

Priority: US19900477057 19900207 US19920826222 19920123 WO1991US00855 19910207
US19940299934 19940901 US19920909383 19920624

Family:	Publication number	Publication date	Application number	Application date
	AT139803 E	19960715	AT19910905230T	19910207
	CA2074519 AA	19920724	CA19912074519	19910207
	CA2074519 C	20031028	CA19912074519	19910207
	DE69120526 D1	19960801	DE19916020526	19910207
	DE69120526 T2	19970213	DE19916020526T	19910207
	DK0514490 T3	19961104	DK19910905230T	19910207
	EP0514490 A1	19921125	EP19910905230	19910207
	EP0514490 B1	19960626	EP19910905230	19910207
	JP5508072 T2	19931118	JP19910505069T	19910207
	US5210016 A	19930511	US19920826222	19920123
	US5500343 A	19960319	US19920909383	19920624
	US5550021 A	19960827	US19940299934	19940901
	WO9112339 A2	19910822	WO1991US00855	19910207
	WO9112339 A3	19911003	WO1991US00855	19910207

Probable Assignee: OF CALIFORNIA UNIV

Assignee(s):(std): UNIV TEXAS ; UNIV CALIFORNIA

Assignee(s): UNIV ; REGENTS OF THE UNIVERSITY OF CALIFORNIA ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA BERKELEY CALIF US ; NOBLE E P ; SHERIDAN PETER J ; UNIV OF CALIFORNIA ; THE UNIV OF CALIFORNIA ; THE UNIV OF CALIFORNIA BERKELEY CALIF ; BLUM KENNETH L ; BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM ; BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM AU ; BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM AUSTIN TEX US ; BOARD OF REGENTS UNIV ; BOARD OF REGENTS UNIV OF TEXAS SYSTEM ; BOARD OF REGENTS UNIV OF TEXAS SYSTEM AUSTIN TEX ; BOARD OF REGENTS UNIV OF TEXAS SYSTEM THE ; BOARD OF REGENTS UNIVERSITY OF TEXAS SYSTEM THE ; CALIFORNIA UNIV

Inventor(s):(std): BLUM KENNETH ; NOBLE ERNEST P ; SHERIDAN P J ; SHERIDAN PETER J ; SHERIDAN PETER ; NOBLE E P ; NOBLE E ; BLUM KENNETH L

Inventor(s): BLUM KENNETH L SAN ANTONIO TX 78230 US ; NOBLE E P LOS ANGELES CA 90077 US ; SHERIDAN PETER J SAN ANTONIO TX 75230 US

Agent(s): BLAKE CASSELS AND GRAYDON LLP

Designated states: AT BE CA CH DE DK ES FR GB GR IT JP LI LU NL SE US

International class (IPC 8-9): C07H21/04 C12N15/09 C12N15/11 C12Q1/68 (Advanced/Invention);
C12N15/09 C12Q1/68 (Core/Invention)

International class (IPC 1-7): C07H21/04 C12N15/00 C12N15/11 C12N15/12 C12P19/34 C12Q1/68 G01N33/566

CPC: Y10S435/81 C12Q2600/156 C12Q2600/172 C12Q2600/112 C12Q1/6883 C12Q1/6876

European class: C12Q1/68M C12Q1/68M6

US class: 435/6 435/6.16 435/810 435/91.1 435/91.2 436/501 536/23.1 536/23.5 536/24.31 536/24.33 935/31 935/76 935/77 935/78

[Classification Explorer](#)

Cited documents: WO9005780 A1, WO8905285 A1, US5210016 A, US4761429 A,

Forward Citations: WO9607098, WO9403602, WO9403602, WO09026381, WO05008555, WO03040414, WO0218650, WO02061659, WO02061659, WO0138567, WO0138567, WO0134172, WO0134172, WO0127243, WO0077261, US9694009, US9539242, US9387182, US9202184, US8986929, US8759350, US8753815, US8712955, US8697361, US8346802, US8340752, US8145582, US8135740, US8055603, US7973043, US7930262, US7853611, US7809660, US7792774, US7788203, US7761144, US7745112, US7553478, US7403814, US7262290, US7143083, US7143083, US7097829, US7081238, US7054758, US7022816, US6708184, US6533724, US6526415, US6437114, US6203998, US6132724, US6097980, US6001848, US5883226, US5736325, US5550021, US5500343, US2011264374, US2011112159, US2011046120, US2010143248, US2010041689, US2010021891, US2009156954, US2009106179, US2008294692, US2008294459, US2008275912, US2008220400, US2008208814, US2008208813, US2008082356, US2008077463, US2006257316, US2006178837, US2006154938, US2005177887, US2005124963, US2004253576, US2004204401, US2004152995, US2004014075, US2003162207, US2003148978, US2003148977, US2003100530, US2003097185, US2003023595, US2003023387, US2002128867, US2002123906, RU2621278, EP2646578, EP2646578, EP0849091, EP0849090, EP0845709, EP0800928, EP0773113, EP0773112, EP0771645, AU737893,

Abstract:

Source: US5210016A [EN] In an important embodiment, the present invention concerns a method for diagnosing compulsive disease predisposition of an individual. The method comprises initially obtaining a DNA sample of said individual and then determining the presence or absence of a particular human D2 receptor gene allele in said sample. Detection of said allele in the sample is indicative of predilection to compulsive disease. A most preferred embodiment is to detect predisposition to alcoholism, particularly because said allele has been found to be present in a majority of clinically diagnosed alcoholics. The human D2 receptor gene A1 allele is most preferably detected in said sample.



Fig. 1A

Fig. 1B

Title: AUTOMATIZED AND ROBOTIZED STORAGE SYSTEM**Priority:** CA19902017283 19900522

Family:	Publication number	Publication date	Application number	Application date
	CA2017283 AA	19911122	CA19902017283	19900522

Probable Assignee: LOISON ROBERT**Assignee(s):(std):** LOISON ROBERT**Inventor(s):(std):** LOISON ROBERT**Agent(s):** MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP**International class**
(IPC 8-9): E04H3/00 (Advanced/Invention);
E04H3/00 (Core/Invention)**International class**
(IPC 1-7): E04H3/00[Classification Explorer](#)**Abstract:**

Source: CA2017283A [FR] ABREGE DESCRIPTIF Systeme de stockage automatique robotise pour vehicules automobiles ou autres objets lourds et encombrants, construits sur plusieurs niveaux comportant chacun des alveoles de stockage, caracterise en ce que les moyens assurant les déplacements horizontaux et les moyens permettant les transferts verticaux des charges sont mecaniquement independants et autonomes, permettant un fonctionnement en temps masque, les déplacements horizontaux etant au surplus scindes en troncons independants, et en ce que l'activation optimisee des secteurs horizontaux et des moyens de transferts verticaux est geree par un central informatique fonctionnant en redondance qui gere egalement des moyens electroniques et/ou mecaniques assurant la protection des charges contre le feu et l'intrusion humaine, ainsi que des moyens de controle du gabarit desdites charges et des moyens de paiement et de codage pour l'utilisateur. Figure de l'abrege: figure 1.

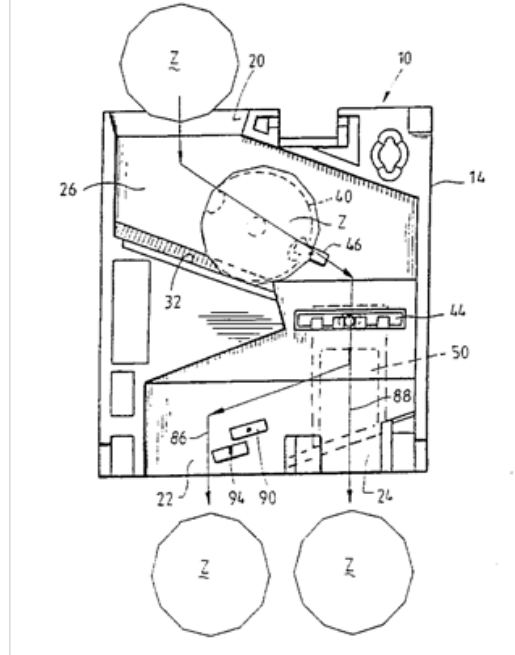
Machine translation: SHORT DESCRIPTION System automatic robotized storage for motor vehicles or other heavy and bulky, built on several levels comportant each alveoli storage, characterized in that said means providing horizontal displacements and means vertical transfers loads are mechanically independent and autonomous, allowing operation in time mask, horizontal displacements being surplus to split into sections independent, and that activation of optimized horizontal sectors and means of vertical transfers is managed by a central computer operating in redundancy also manages the electronic and / or mechanical means for the protection of loads against fire and human intrusion, as well as ways to control the template of said charges and payment and coding for the user. Figure of abbreviated: Figure 1.

Title: COIN VALIDATOR**Priority:** AU1990PK01057 19900705 AU19910081826 19910704 US19960647028 19960509
US19950396332 19950228 US19930007604 19930122 US19930009618 19930222
WO1991AU00295 19910704

Family:	Publication number	Publication date	Application number	Application date
	AT159114 E	19971015	AT19910912611T	19910704
	AU199181826 A1	19920204	AU19910081826	19910704
	AU660418 B2	19950629	AU19910081826	19910704
	AU8182691 A1	19920204	AU19910081826D	19910704
	BRPI9106621 A	19930420	BR1991PI06621	19910704
	CA2086684 AA	19930104	CA19912086684	19910704
	CA2086684 C	20020521	CA19912086684	19910704
	DE69127899 D1	19971113	DE19916027899	19910704
	EP0537251 A1	19930421	EP19910912611	19910704
	EP0537251 A4	19950419	EP19910912611	19910704
	EP0537251 B1	19971008	EP19910912611	19910704
	JP3367665 B2	20030114	JP19910511583T	19910704
	JP6500652 T2	19940120	JP19910511583T	19910704
	KR19937001800 A	19930612	KR19937000007	19910704
	US5476168 A	19951219	US19930009618	19930222
	US5535872 A	19960716	US19950396332	19950228
	US5676234 A	19971014	US19960647028	19960509
	WO9201270 A1	19920123	WO1991AU00295	19910704

Probable Assignee: MICROSYSTEM CONTROLS PTY LTD**Assignee(s):(std):** MICROSYSTEM CONTROLS PTY LTD**Assignee(s):** MICROSYSTEM CONTROLS PTY LTD JAMISONTOWN NEUSUEDWALES AU ; SMITH PETER RONALD ; WOLSTENCROFT PHILLIP ANDREW ; MALZARD NORMAN RAYMOND**Inventor(s):(std):** MALZARD NORMAN R ; MALZARD NORMAN RAYMOND ; SMITH PETER R ; SMITH PETER RONALD ; WOLSTENCROFT PHILLIP A ; WOLSTENCROFT PHILLIP ANDREW ; WOLSTENCROFT PHILLIP ANDREW ; BEAUCHAMP DARREN E ; WOLSTENCROFT PHILLIP ; SMITH PETER ; MALZARD NORMAN**Inventor(s):** MALZARD NORMAN RAYMOND SEVEN HILLS NSW 2147 AU ; SMITH PETER RONALD WEST ESSENDON VIC 3040 AU ; WOLSTENCROFT PHILLIP ANDREW MITTAGONG NSW 2575 AU ; NORMAN RAYMOND MALZARD ; PETER RONALD SMITH ; PHILLIP ANDREW WOLSTENCROFT ; PHILLIP ANDREW WOLSTENCROFT**Agent(s):** FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP**Designated states:** AT AU BE BG BR CA CH CS DE DK ES FI FR GB GR HU IT JP KR LI LU NL NO PL SE SU US**International class** G07D11/00 G07D3/14 G07D5/08 G07F1/04 G07F5/08 (Advanced/Invention);
(IPC 8-9): G07D11/00 G07D3/00 G07D5/00 G07F1/00 (Core/Invention)**International class** G07D3/14 G07D5/08 G07F1/04 G07F3/00 G07F3/02 G07F3/04 G07F5/08
(IPC 1-7):**CPC:** G07D5/005 G07D5/02 G07D5/08 G07D3/14**European class:** G07D3/14 G07D5/00**US class:** 194/203 194/317 194/318 194/346[Classification Explorer](#)**Cited documents:** US5020653 A, US4884672 A, US4838406 A, US4582189 A, US4570779 A, US4410077 A, US4254857 A, US4105105 A, US3998309 A, US3962627 A, US3918565 A, US3870137 A, US3837454 A, US2014505 A, GB2234620 A1, GB2135492 A1, GB2041532 A1, GB1527450 A, GB1452740 A, GB1397083 A, GB1321241 A, EP0331530 A2, EP0300781 B1, EP0119000 B1, AU2424284 A1,**Forward Citations:** WO9516978, WO07131772, US9594982, US9443367, US9036890, US9022841, US8967361, US8100248, US7635059, US7520374, US7419059, US7213697, US7143934, US7143934, US6966417, US6766892, US6725995, US6698568, US6644456, US6522946, US6510936, US6431342, US6425471, US6298973, US5992603, US2009139829, US2006249435, US2005006465, US2004154899, US2004092316, US2003150689, US2003150688, US2003119584, US2002153223, JP2008003672, GB2459448, GB2459448, GB2451033, GB2451033, EP0974938, EP0809220, EP0809220, DE10027723, DE10027723, AU683972,**Abstract:**

Source: US5476168A [EN] PCT No. PCT/AU91/00295 Sec. 371 Date Feb. 22, 1993 Sec. 102(e) Date Feb. 22, 1993 PCT Filed Jul. 4, 1991 PCT Pub. No. WO92/01270 PCT Pub. Date Jan. 23, 1992. A coin validator (10) has a coin path (26) which passes between one set of detect coils (40, 42). The set of coils (40, 42) is connected in a detect circuit, and the coils (40, 42) are adapted to be energized with a single pulse. The decay curve (70) of the voltage in the coils (40, 42) is processed to produce a set of three numbers of clock counts defining each coin, which are stored in a microprocessor. Preprogramming of the validator (10) involves generating sets of numbers for representatives of a coin type to create three ranges of numbers, within which respective range a subsequent coin's set of numbers must fall in order for it to be defined as an example of the coin type. The coin path (26) is arranged at an angle to the vertical, and the base (32) is arranged at an angle to the horizontal such that the angle between one wall (36) and the base (32) is between 90 DEG and 180 DEG, causing coins passing along the coin path (26) to orient themselves such that each of them has point contact on the base (32) and on one wall (36), thereby occupying a generally similar position with respect to the coils (40, 42).



Title: CELLULAR VERIFICATION AND VALIDATION SYSTEM**Priority:** US19910677232 19910329

Family:	Publication number	Publication date	Application number	Application date
	DE69231972 D1	20010906	DE19926031972	19920323
	DE69231972 T2	20020404	DE19926031972T	19920323
	EP0506637 A2	19920930	EP19920850061	19920323
	EP0506637 A3	19941117	EP19920850061	19920323
	EP0506637 B1	20010801	EP19920850061	19920323
	US5237612 A	19930817	US19910677232	19910329

Probable Assignee: ERICSSON INC**Assignee(s):(std):** ERICSSON GE MOBILE COMMUNICAT ; ERICSSON INC**Assignee(s):** ERICSSON GE MOBILE COMMUNICATIONS INC ; ERICSSON INC PARAMUS ; ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC ; ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC A CO ; ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC A CORP OF DELAWARE ; ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC A CORP OF SWEDEN**Inventor(s):(std):** RATH ALEX K ; RATH ALEX KRISTER**Designed states:** DE FR GB IT SE**International class (IPC 8-9):** H04L9/32 H04W12/06 (Advanced/Invention);
H04L9/32 H04W12/00 (Core/Invention)**International class (IPC 1-7):** H04L9/32 H04M11/00 H04Q7/04**CPC:** H04W12/06 H04L9/16 H04L9/3228 H04L9/3271 H04L2209/80 H04W12/12**European class:** H04L9/16 H04L9/32J2 H04L9/32R H04W12/06 T04L209/80**US class:** 379/59 380/21 380/23 380/247 380/248 380/43 380/49 455/33.1 455/331 455/411 455/54.1 455/54.2 455/541 455/542[Classification Explorer](#)**Cited documents:** WO8400456 A1, US5091942 A, US4955049 A, US4926665 A, US4924480 A, US4914696 A, US4896370 A, US4876740 A, US4860353 A, US4827507 A, US4803726 A, US4754481 A, US4731840 A, US4649543 A, US4555805 A, US4549308 A, US3934078 A, DE3420874 A1,**Forward Citations:** WO9949616, WO9904585, WO9828936, WO9828877, WO9729601, WO9727716, WO9605702, WO9605702, WO9600485, WO9600485, WO9501695, WO17040124, WO13059866, WO10118057, WO07017288, WO07017288, WO05048638, WO04075459, WO04075459, WO03003649, WO02099735, WO0161976, WO0051386, WO0028744, WO0028744, WO0014895, WO0014895, US9942205, US9922323, US9871773, US9848298, US9633486, US9603023, US9509667, US9438592, US9432845, US9420448, US9159175, US9124596, US9100457, US9003548, US9002746, US8983065, US8971790, US8831564, US8755501, US8745723, US8730999, US8724803, US8718279, US8713400, US8677126, US8666077, US8626377, US8572272, US8571008, US8510831, US8407465, US8374634, US8370920, US8280348, US8280053, US8261350, US8239682, US8229118, US8200190, US8175977, US8127355, US8121296, US8116731, US8098818, US8077679, US8032277, US7995991, US7992197, US7979914, US7937759, US7917643, US7912222, US7881838, US7797551, US7793341, US7774841, US7765308, US7747243, US7624270, US7610039, US7555378, US7539313, US7458095, US7451314, US7434065, US7433674, US7392037, US7322041, US7266363, US7231046, US7224942, US7209511, US7197282, US7178027, US7171199, US7117075, US7085294, US7076797, US7072646, US7028186, US7027809, US6996375, US6950521, US6934531, US6925183, US6839434, US6804517, US6769060, US6600923, US6594481, US6587680, US6505039, US6501950, US6438385, US6421537, US6317500, US6301238, US6295449, US6285871, US6285870, US6282362, US6240295, US6230120, US6226511, US6219538, US6199161, US6198823, US6185416, US6173174, US6158005, US6148202, US6142369, US6134438, US6134431, US6124799, US6118993, US6112079, US6097939, US6085083, US6061558, US6058301, US6044268, US6035043, US6035039, US6026298, US6026293, US6023619, US6014557, US6011975, US6009330, US5999807, US5999806, US5983108, US5970481, US5970405, US5956635, US5956634, US5956633, US5950121, US5940751, US5924025, US5918173, US5893031, US5887250, US5884221, US5884158, US5875394, US5832394, US5828956, US5819171, US5799084, US5799082, US5794139, US5771455, US5765106, US5764770, US5758281, US5758277, US5754952, US5754657, US5740247, US5734981, US5729591, US5722084, US5717762, US5715518, US5708711, US5699275, US5694322, US5689563, US5664005, US5655019, US5652707, US5633914, US5621787, US5619576, US5610972, US5606322, US5592555, US5581803, US5579379, US5579376, US5557679, US5557676, US5544322, US5544225, US5541977, US5537474, US5519621, US5513245, US5513111, US5506887, US5481611, US5469496, US5455863, US5454027, US5448760, US5444764, US5420908, US5392356, US5325419, US5309501, US2018091977, US2011099630, US2011099623, US2010260167, US2010242112, US2010130165, US2010107041, US2009280774, US2009276629, US2009204457, US2009165093, US2009113527, US2009025066, US2008310608, US2008227471, US2008170699, US2007266241, US2007232355, US2007072585, US2007060043, US2007042755, US2006291660, US2006128363, US2005276418, US2005197102, US2005144352, US2005143065, US2005044415, US2005033995, US2004203468, US2004176069, US2004148504, US2004023637, US2003070091, US2003054828, US2003053524, US2003036359, US2003035546, US2003014672, US2002176581, US2002173292, US2002144117, US2002081992, US2001037375, KR101277101, KR100843524, GB2285559, FR2826811, FR2790177, EP1683387, EP1519579, EP1487211, EP1168870, EP1112666, EP1073233, EP0997048, EP0933957, EP0902598, DE19840742, CZ299977, CN102440019, AU716523, AU671383,**Abstract:**

Source: US5237612A [EN] A system for the validation and verification of base stations and mobile stations within a cellular radio communications network. The system includes a fixed key and a changeable key which are applied as inputs to an authentication algorithm. The algorithm generates key-dependent responses, at least one of which is independent of the changeable key. The responses generated by a particular mobile station are compared to the responses generated by the network and the presence of fraudulent users may be detected.

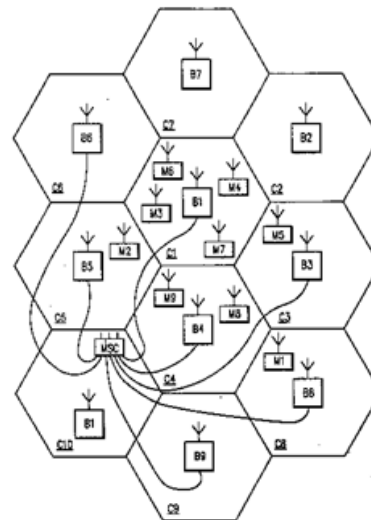


FIG. 1

Title:

AUTOMATED CASHIER SYSTEM

Priority:

CA19932133224 19930201 EP19930905871 19930201 WO1993US01209 19930201

US19900599667 19901018

Family:	Publication number	Publication date	Application number	Application date
	AT164464 E	19980415	AT19930905871T	19930201
	CA2133224 AA	19940928	CA19932133224	19930201
	CA2133224 C	19990713	CA19932133224	19930201
	DE69317653 D1	19980430	DE19936017653	19930201
	DE69317653 T2	19981126	DE19936017653T	19930201
	DK0636265 T3	19990111	DK19930905871T	19930201
	EP0636265 A1	19950201	EP19930905871	19930201
	EP0636265 A4	19951220	EP19930905871	19930201
	EP0636265 B1	19980325	EP19930905871	19930201
	ES2116443 T3	19980716	ES19930905871T	19930201
	JP3461507 B2	20031027	JP19940517973T	19930201
	JP7505735 T2	19950622	JP19940517973T	19930201
	KR100296114 B1	20011024	KR19940703451	19930201
	KR19950701109 A	19950220	KR19940703451	19941001
	KR19957001109 A	19950220	KR19947003451	19930201
	US5183142 A	19930202	US19900599667	19901018
	WO9418646 A1	19940818	WO1993US01209	19930201

Probable Assignee:

ACM TECHNOLOGIES INC

Assignee(s):(std):

LATCHINIAN GERARD ; RAMY SYSTEMS INC

Assignee(s):

LATCHINIAN GERARD ROCKVILLE MD US ; LATCHINIAN GERARD ROCKVILLE MD ; RAMY SYSTEMS INC A CORP OF DELAWARE ; LATCHINIAN RAMY ; ACM TECHNOLOGIES INC ; CAMPER FRANKLIN

Inventor(s):(std):

CAMPER FRANKLIN ; LATCHINIAN GERARD ; LATCHINIAN RAMY

Inventor(s):

LATCHINIAN RAMY GERMANTOWN MD 20874 US ; LATCHINIAN GERARD GERMANTOWN MD 20874 US ; CAMPER FRANKLIN HUEYTOWN AL 35023 US

Agent(s):

FETHERSTONHAUGH AND CO

Designated states:

AT BE CA CH CY DE DK ES FI FR GB GR IE IT JP KR LI LU MC NL PT SE

International class (IPC 8-9):

G06Q10/00 G06Q10/08 G07F1/00 G07F19/00 G07F7/00 G07F7/04 G07F7/08
G07G1/00 (Advanced/Invention);
G07F7/04 (Advanced/Non-invention);
G06Q10/00 G07F1/00 G07F7/00 G07F7/08 G07G1/00 (Core/Invention)

International class (IPC 1-7):

G06F17/60 G07F1/00 G07F19/00 G07F7/00 G07F7/04 G07F7/08 G07G1/00

CPC:

G07F7/00 G06Q10/087

European class:

G06F17/60C4 G06Q10/087 G06Q10/08E G07F7/00

US class:

186/56 194/206 235/375 235/381 235/383

[Classification Explorer](#)

Cited documents:

US5128862 A, US5091713 A, US4970655 A, US4954967 A, US4954697 A, US4947028 A, US4735289 A, US4676343 A, US4675515 A, US4582172 A, US4569421 A, US4553222 A, US4530067 A, US4416299 A, US4416229 A, US4310885 A, US4249552 A, US3647026 A, FR2617314 A1,

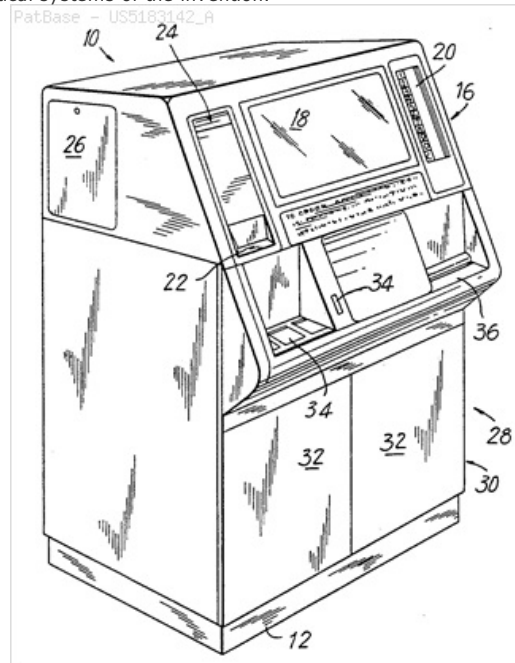
Forward Citations:

WO9803980, WO9607990, WO9607990, WO9530944, WO9530944, WO05034051, WO0013120, WO0013120, USRE44689, USRE44252, USD437890, USD436133, USD428444, USD428060, US9934640, US9928550, US9916713, US9875593, US9870668, US9830762, US9818249, US9799014, US9727916, US9633500, US9594982, US9558418, US9508208, US9501885, US9495808, US9477896, US9443367, US9437069, US9430893, US9390574, US9355295, US9330515, US9235945, US9230381, US9195889, US9189780, US9183687, US9142075, US9141876, US9129294, US9129271, US9092924, US9064268, US9036890, US9022841, US8967361, US8959029, US8958626, US8950566, US8948490, US8944234, US8929640, US8874467, US8825557, US8800742, US8787652, US8714336, US8708231, US8701860, US8701857, US8689963, US8684160, US8684159, US8655046, US8655045, US8644585, US8644584, US8644583, US8639015, US8632007, US8627939, US8625875, US8602200, US8600890, US8600889, US8600888, US8600887, US8594414, US8583522, US8571952, US8560451, US8559695, US8559694, US8554677, US8545295, US8543507, US8542904, US8538123, US8523641, US8514379, US8478020, US8478019, US8467591, US8459436, US8443958, US8442296, US8437532, US8437531, US8437530, US8437529, US8437528, US8433123, US8428332, US8417017, US8396278, US8393455, US8391583, US8380573, US8352322, US8346610, US8339589, US8332313, US8332283, US8276735, US8229851, US8229821, US8204293, US8169602, US8162125, US8162124, US8132715, US8132714, US8126793, US8125624, US8103586, US8103084, US8042732, US8041098, US8033375, US8024272, US8023715, US7980378, US7971699, US7949582, US7946406, US7938245, US7929749, US7903863, US7896148, US7882000, US7881519, US7874478, US7865432, US7810628, US7793830, US7783570, US7778456, US7762456, US7735621, US7699220, US7699155, US7681707, US7653599, US7650980, US7647275, US7619721, US7551764, US7542598, US7527193, US7520374, US7464802, US7391897, US7366338, US7364069, US7362891, US7349566, US7325205, US7303119, US7283972, US7269279, US7252227, US7249052, US7233389, US7232024, US7206759, US7200255, US7187795, US7158662, US7149336, US7137553, US7137553, US7131580, US7028827, US7018286, US7016854, US7016767, US7000828, US6996263, US6994200, US6976570, US6959800, US6957733, US6955253, US6929109, US6901374, US6880692, US6866134, US6860375, US6854581, US6843418, US6810137, US6798899, US6778693, US6758316, US6748101, US6736251, US6731786, US6728597, US6724927, US6724926, US6665431, US6661910, US6654486, US6650767, US6647136, US6637576, US6603872, US6602125, US6601687, US6588569, US6494776, US6484863, US6439345, US6398000, US6375072, US6363164, US6318537, US6311819, US6278795, US6196913, US6055521, US6047807, US5982918, US5943655, US5940623, US5918720, US5905810, US5850076, US5770533, US5620061, US5616902, US5615759, US5573457, US5564974, US2011206267, US2011099105, US2010198708, US2010163366, US2010138320, US2010092065, US2010063916, US2010059330, US2010057617, US2010051687, US2010034454, US2009320106, US2009313159, US2009310188, US2009239459, US2009236201, US2009159395, US2009051103, US2009050440, US2008220707, US2008156872, US2008149455, US2008123932, US2008087520, US2008067237, US2008067235, US2008065545, US2008065544, US2008065543, US2008065542, US2008065541, US2008065540, US2008065539, US2008065538, US2008065537, US2008065536, US2008061131, US2008061130, US2008061129, US2007269097, US2007258633, US2007240966, US2007221470, US2007174190, US2007162401, US2007125849, US2007119681, US2007112674, US2007069007, US2006274929, US2006213986, US2006207856, US2006191770,

US2006182330, US2006175176, US2006119835, US2006069642, US2006064379, US2006060445, US2006037835, US2005224312, US2005183927, US2005108165, US2005098627, US2005060061, US2005035034, US2004251110, US2004182675, US2004134980, US2004124062, US2004028266, US2004016797, US2004016621, US2004002921, US2003191660, US2003121752, US2003081824, US2003059098, US2003038847, US2003015395, US2002085745, US2002020603, NL1001438, KR100820345, GB2343023, ES2102960, EP1685541, EP1273531, EP0917114, EP0780812, EP0777432, EP0777432, DE20016022, DE102011054569,

Abstract:

Source: US5183142A [EN] An automated cashier system provides for microprocessor-controlled product display, order acceptance, payment and change generation. Both cash and credit card payments are accepted. The system is preferably mounted in a cabinet having upper and lower sections. The upper section contains the input and output systems, while the lower section contains the cash receipt, storage and dispensation systems. The main microprocessor is also located in the lower section, which is preferably in the form of a safe which prevents access to the critical systems of the invention.



Title:	ROLLING KEY RESYNCHRONIZATION IN CELLULAR VERIFICATION AND VALIDATION SYSTEM			
Priority:	US19910704133 19910522			
Family:	Publication number	Publication date	Application number	Application date
	US5241598 A	19930831	US19910704133	19910522
Probable Assignee:	ERICSSON INC			
Assignee(s):(std):	ERICSSON GE MOBILE COMMUNICAT			
Assignee(s):	ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC ; ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC A CO ; ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC A CORP OF SWEDEN ; ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC A OF ; ERICSSON GE MOBILE COMMUNICATIONS HOLDING INC A OF SWEDEN CORP ; ERICSSON GE MOBILE COMMUNICATIONS INC ; ERICSSON INC			
Inventor(s):(std):	RAITH KRISTER A			
International class (IPC 8-9):	H04L9/08 H04L9/12 H04L9/32 (Advanced/Invention);			
	H04W12/04 (Advanced/Non-invention);			
	H04L9/08 H04L9/12 H04L9/32 (Core/Invention);			
	H04W12/00 (Core/Non-invention)			
International class (IPC 1-7):	H04L9/08 H04L9/32			
CPC:	H04L9/0891 H04L9/16 H04L9/3271 H04L2209/80 H04L9/12 H04W12/04 H04W12/06 H04W56/0015			
European class:	H04L9/08 H04L9/12 H04L9/32			
US class:	340/5.26 340/825.31 340/825.34 379/59 380/21 380/23 380/247 380/248 380/262 380/43 380/48 380/49 455/33.1 455/411 455/433 455/54.1 713/169			

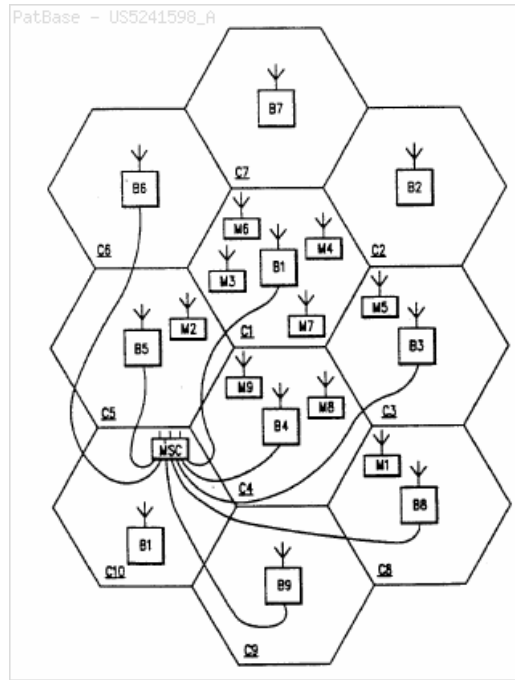
[Classification Explorer](#)

Cited documents: US5091942 A, US5060266 A, US4955049 A, US4926665 A, US4924480 A, US4914696 A, US4896370 A, US4876740 A, US4860353 A, US4827507 A, US4803726 A, US4754481 A, US4731840 A, US4649543 A, US4555805 A, US4549308 A, US3934078 A,

Forward Citations: WO9949611, WO9805132, WO9805132, WO9729601, WO9708870, WO9708870, WO13163333, WO04004199, WO0002342, WO0002342, USRE40791, USRE36752, USRE36181, US9882883, US9876771, US9852572, US9654451, US9577993, US9544075, US9443110, US9419790, US9411972, US9407610, US9231944, US9172533, US9165153, US9100457, US9031240, US9009484, US9009479, US8983065, US8971790, US8959350, US8934625, US8879724, US8848914, US8782408, US8730999, US8726032, US8724803, US8718279, US8713400, US8700044, US8625793, US8582773, US8576751, US8565429, US8539241, US8526914, US8479021, US8340287, US8332644, US8300827, US8213608, US8170550, US8150401, US8144877, US8121296, US8099607, US8098818, US8077679, US8023658, US7996006, US7965842, US7941666, US7796974, US7787620, US7708197, US7668310, US7647389, US7634083, US7613299, US7606242, US7587044, US7551066, US7545942, US7539313, US7522906, US7506165, US7486952, US7458095, US7353022, US7283804, US7203493, US7165173, US7137548, US7133526, US7131006, US6965674, US6947744, US6943664, US6769060, US6766161, US6763112, US6690798, US6628786, US6584312, US6542610, US6539092, US6466780, US6360091, US6295449, US6285868, US6282418, US6266525, US6256514, US6240295, US6219538, US6185416, US6157722, US6144859, US6134438, US6115607, US6097307, US6085083, US6072875, US6064297, US6023619, US5999808, US5999807, US5999806, US5991623, US5978669, US5970405, US5956635, US5956634, US5956633, US5950121, US5943614, US5940751, US5933784, US5924025, US5920593, US5893031, US5887250, US5884158, US5875394, US5845203, US5838792, US5828956, US5819171, US5805705, US5794139, US5771455, US5748735, US5740247, US5734977, US5715518, US5708711, US5655019, US5642401, US5642398, US5629975, US5625872, US5621784, US5613214, US5594740, US5588043, US5561706, US5557679, US5557678, US5557654, US5555551, US5546464, US5513245, US5481611, US5471532, US5428665, US5400390, US5377267, US5369706, US5329573, US2016337946, US2015208240, US2015135297, US2013117568, US2012307803, US2011182214, US2010299529, US2010202618, US2010202609, US2010124331, US2010107041, US2010040230, US2009319792, US2009298464, US2009286519, US2009222658, US2009075699, US2008101595, US2008057965, US2008051082, US2008032669, US2007183599, US2007067618, US2007034690, US2006133614, US2006078124, US2005272406, US2005221863, US2005221797, US2005213604, US2005177744, US2005175201, US2005154896, US2004203593, US2004198220, US2004148504, US2004112956, US2004107170, US2004006713, US2004003285, US2003229784, US2003221098, US2003163565, US2003041125, US2003028771, US2003020596, US2002180583, US2002082011, US2001053220, US2001005678, KR101277101, FR2735932, EP0917773, AU2012244214,

Abstract:

Source: US5241598A [EN] A system for the resynchronization of a rolling key used as an input among a plurality of inputs to an authentication algorithm executed in a mobile station and in a radio network providing service to the mobile station. In one aspect of the system, the network rolling key input is set to a selected value and the mobile station is commanded to set the mobile station rolling key input to the same selected value. The mobile station will then set the mobile station rolling key input to the selected value in response to the command from the network.



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Assignee(s):(std):	GERLIER ANDRE ; LANDIS AND GYR BUSINESS SUPPORT ; MARS INC ; MEI INC ; POLIDORO ROBERTO																																																																																																							
Assignee(s):	MARS INC MCLEAN VA US ; GOLDMAN SACHS BANK USA COLLATERAL AGENT AS ; LANDIS AND GYR BUSINESS SUPPORT AG ; MARS INCORPORATEDUS ; LANDIS AND GEAR BUSINESS SAPOOTO AG ; CITIBANK JAPAN LTD ; CITIBANK NA ; CITIBANK NA TOKYO BRANCH ; CRANE PAYMENT INNOVATIONS INC																																																																																																							
Inventor(s):(std):	ANDORE JIERURIE ; ANDRE GERLIER ; GERLIER ANDRE ; POLIDORO ROBERTO ; ROBERTO POLIDORO ; ROBERUTO PORIDOORO																																																																																																							
Inventor(s):	POLIDORO ROBERTO CH 1208 GENEVE CH ; GERLIER ANDRE F 74140 SCIEZ FR																																																																																																							
Agent(s):	WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; KIRBY EADES GALE BAKER; KATO NOBUAKI; OCHI TAKAO; OKABE MASAO; ASAHINOBUMITSU; USUI SHINICHI; OKABE YUZURU; FUJINO IKUO																																																																																																							
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Abstract:

Source: US5735516A [EN] Apparatus is described for handling sheets, such as bank notes or other value sheets. An inserted note is transported to an intermediate position in which the note can either be rejected or encashed without affecting notes already stored on a temporary storage drum, or the note can be stored on the temporary storage drum from the intermediate position. The intermediate position may be in an output path of the apparatus and the note reversed on to the drum, the intermediate position may be a partially stored position of the note on the drum, from which the note can be discharged without discharging any additional notes already stored on the drum. A selectable transmission coupling is used to rotate the drum from a common drive source in one direction for storing successive notes as a bundle, and in a reverse direction of discharging the bundle. A passive guide is biased towards the drum to lift sheets off the drum when the drum in the reverse direction, and a sensor switch **monitors** the position of the guide means to determine when a discharge operation can be performed.

