ECLA EUROPEAN CLASSIFICATION

G07F **COIN-FREED OR LIKE APPARATUS** (coin sorting G07D3/00; coin testing G07D5/00; [N: handling coins or paper currencies apart from payment activated apparatus G07D; payment architectures, schemes or protocols G06Q20/00]) [C1201]

[N: **WARNING**
The following IPC groups are not used in the internal ECLA classification scheme.
Subject matter covered by these groups is classified in the following ECLA groups :
- G07F7/12 covered by G07F7/08E
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Notes [C1201]

G07F1/00 **Coin inlet arrangements; Coins specially adapted to operate coin-freed mechanisms** (coins in general A44C)

G07F1/02 . Coin slots

G07F1/04 . Coin chutes

G07F1/04B . . [N: with means, other than for testing currency, for dealing with inserted foreign matter, e.g. "stuffing", "stringing" or "salting"] [N9505]

G07F1/04B2 . . . [N: the foreign matter being a long flexible member attached to a coin] [N9505]

G07F1/04B2B . . . . [N: Cutting or trapping of the flexible member or the attached coin] [N9505]

G07F1/04B2D . . . . [N: Automatic detection of the flexible member] [N9505]

G07F1/04B4 . . . [N: the foreign matter being in the form of liquids] [N9505]

G07F1/04F . . [N: with means for dealing with jamming, e.g. by bent wires] [N9505]

G07F1/04H . . [N: with means for temporarily storing coins] [N9505]

G07F1/04K . . [N: with means for damping coin motion] [N9507]

G07F1/06 . Coins specially adapted to operate coin-freed mechanisms

G07F3/00 [N: IPC6] **Coin testing or sorting means or arrangements for coin-freed apparatus (apparatus for testing coins for use apart from coin-freed apparatus G07D)**

[N: **WARNING**
The groups G07F3/00 to G07F3/02F are no longer used for the classification of new documents from October 1, 2007. The backlog of these groups is being continuously reclassified to the group G07D5/00 and subgroups [N0710]
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G07F3/02 . [N: IPC6] for testing coins

G07F3/02B . . [N: according to shape or size]

G07F3/02D . . [N: according to material]

G07F3/02F . . [N: according to milling or relief]

G07F3/04 . [N: IPC6] for sorting coins

[N: **WARNING**
This group is no longer used for the classification of new documents from October 1, 2007. The backlog of this group is being continuously reclassified to the group G07D3/00 and subgroups [N0710]
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G07F5/00	**Coin-actuated mechanisms; Interlocks**
G07F5/02	. actuated mechanically by coins, e.g. by a single coin
G07F5/04	. . wherein two or more coins of the same denomination are required for each transaction
G07F5/06	. . wherein two or more coins of different denominations are required for each transaction
G07F5/08	. . wherein the use of two or more coins or an equivalent single coin is optional for each transaction; wherein the use of two or more coins or an alternative equivalent combination of coins is optional for each transaction
G07F5/10	. actuated electrically by the coin, e.g. by a single coin
G07F5/12	. . wherein two or more coins of the same denomination are required for each transaction
G07F5/14	. . wherein two or more coins of different denominations are required for each transaction
G07F5/16	. . wherein the use of two or more coins or an equivalent single coin is optional for each transaction; wherein the use of two or more coins or an alternative equivalent combination of coins is optional for each transaction
G07F5/18	. specially adapted for controlling several coin-freed apparatus from one place (interlocks per se G07F5/26)
G07F5/20	. specially adapted for registering coins as credit, e.g. mechanically actuated
G07F5/22	. . electrically actuated
G07F5/24	. with change-giving (coin-changing mechanisms per se G07D)
G07F5/26	. Interlocks, e.g. for locking the doors of compartments other than that to be used
G07F7/00	**Mechanisms actuated by objects other than coins to free or to actuate vending, hiring, coin or paper currency dispensing or refunding apparatus** [N: (handling coins or paper currencies apart from coin-freed or like apparatus G07D; complete banking systems G07F19/00)] [C1205]
G07F7/00B	. [N: Details or accessories]
G07F7/02	. by keys or other credit registering devices [N: for producing a coded signal for use together with coded identity cards G07F7/10)] [C1205]
G07F7/02E	. . [N: by means, e.g. cards, providing billing information at the time of purchase, e.g. identification of seller or purchaser, quantity of goods delivered or to be delivered]
G07F7/04	. by paper currency

G07F7/06	.	by returnable containers, [N: i.e. reverse vending systems in which a user is rewarded for returning a container that serves as a token of value], e.g. bottles [C1205]
G07F7/06B	. .	[N: by fluid containers, e.g. bottles, cups, gas containers] [C1205]
G07F7/06C	. .	[N: by carts]
G07F7/06C2	. . .	[N: in which the trolleys or carts are kept fixed or linked onto a rail or barrier] [N1204]
G07F7/06C3	. . .	[N: in which the trolleys or carts are kept in a restricted zone such as a coral-like enclosure, or are passing a gate before use is possible] [N1204]
G07F7/06C3B	. . . .	[N: in which the trolleys or carts are kept in a box or container designed to transport or store a row of trolleys or carts as a whole] [N1204]
G07F7/06C5	. . .	[N: in which the lock functions according to a "pinching of the token" principle, i.e. the token is held between two members] [N1204]
G07F7/06C7	. . .	[N: Constructional details of the housing of the coin or token activated lock, or of mounting of the coin-lock on the trolley or cart] [N1204]
G07F7/06C9	. . .	[N: Special lock-activating tokens, serving as replacement of a payment or of a coin] [N1204]
G07F7/06C9B	. . . .	[N: in which a card, pay-card or card-like object is used as the special token required to get permission or activate the lock to use the trolley or cart] [N1204]
G07F7/06D	. .	[N: by box-like containers, e.g. videocassettes, books]
G07F7/08	.	by coded identity card or credit card [N: or other personal identification means (without personal verification means G07F7/02)][C9509]
G07F7/08A	. .	[N: Details of the card (record carriers per se G06K)] [N1204]
G07F7/08A2	. . .	[N: Specific details related to card security] [N1204]
G07F7/08A2B	. . . .	[N: Features insuring the integrity of the data on or in the card] [N1204]
G07F7/08A2D	. . . .	[N: Embedded security module] [N1204]
G07F7/08A4	. . .	[N: Card having specific functional components] [N1204]
G07F7/08A4B	. . . .	[N: Additional components relating to data transfer and storing, e.g. error detection, self-diagnosis] [N1204]
G07F7/08A6	. . .	[N: On-card display means] [N1204]
G07F7/08A8	. . .	[N: On-card keyboard means] [N1204]
G07F7/08B	. .	[N: by passive credit-cards adapted therefor, e.g. constructive particularities to avoid counterfeiting, e.g. by inclusion of a physical or chemical security-layer (for security documents G07D7/00; for the reading of record-carriers in general G06K7/00; for the design of coded credit-cards G06K19/10)]
G07F7/08C	. .	[N: by active credit-cards adapted therefor (G07F7/10D takes precedence)] [C9511]

[N: **Note**

1. Attention is drawn to the note after group G07F7/10D.

2. The cards referred to in this group are transferable like regular cash money. They contain a monetary value represented by a coded number in a protected memory, to be loaded by cash payment or from account

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G07F7/08G	. .	[N: Details of the card reader] [N1204]
G07F7/08G2	. . .	[N: the card reader being part of the point of sale (POS) terminal or electronic

cash register (ECR) itself] [N1204]

G07F7/08G2P	. . . .	[N: the card reader being portable for interacting with a POS or ECR in realizing a payment transaction] [N1204]
G07F7/08G4	. . .	[N: the card reader reading the card in a contactless manner] [N1204]
G07F7/10	. .	together with a coded signal [N: e.g. in the form of personal identification information, like personal identification number (PIN) or biometric data]
G07F7/10D	. . .	[N: Active credit-cards provided with means to personalise their use, e.g. with PIN-introduction/comparison system] [C9511]

[N: **Note**
In this group, the term "active credit card" embraces any portable, self-contained device, provided with circuits enabling it to exchange data with a partner in order to conduct a transaction.
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G07F7/10E	. . .	[N: Devices or methods for securing the PIN and other transaction-data, e.g. by encryption (arrangements for secret communication, see H04L9/00)]
G07F7/10P	. . .	[N: Identification of user by a PIN code] [N1204]
G07F7/10P2	. . . .	[N. Details of the PIN pad] [N1204]
G07F7/10P2B	. . . . .	[N: PIN input keyboard gets new key allocation at each use] [N1204]
G07F7/10P4	. . . .	[N: Only a part of the PIN is required to be input] [N1204]
G07F7/10P6	. . . .	[N: PIN is checked locally] [N1204]
G07F7/10P6B	. . . . .	[N: PIN data being compared to data on card] [N1204]
G07F7/10P8	. . . .	[N: PIN is checked remotely] [N1204]
G07F7/10P10	. . . .	[N. Counting of PIN attempts] [N1204]
G07F7/10P12	. . . .	[N: Use of an encrypted form of the PIN] [N1204]
G07F7/12	. .	Card verification [N1109]
G07F7/12A	. . .	[N: Online card verification] [N1204]
G07F7/12B	. . .	[N: Offline card verification] [N1204]
G07F7/12C	. . .	[N: in which both online and offline card verification can take place] [N1204]

G07F9/00		**Details other than those peculiar to special kinds or types of apparatus** (coin inlet arrangements G07F1/00; coin testing arrangements G07F3/00; coin-actuated mechanisms, interlocks G07F5/00) [C9509]
G07F9/00B	.	[N: displaying the inserted coins]
G07F9/00C	.	[N: Details of the software used for the vending machine] [N1204]
G07F9/02	.	Devices for alarm or indication, e.g. when empty; Advertising arrangements in coin-freed apparatus (alarms or warning devices indicating the interruption of flow to be metered G07F15/10)
G07F9/02C	. .	[N: for display, data presentation or advertising arrangements in payment activated and coin-freed apparatus] [N1204]
G07F9/02D	. .	[N: for alarm, monitoring and auditing in vending machines or means for indication, e.g. when empty] [N1204]
G07F9/04	.	Means for returning surplus or unused coins
G07F9/06	.	Coin boxes

G07F9/08	.	Counting total of coins inserted
G07F9/10	.	Casings [N: or parts thereof], e.g. with means for heating or cooling
G07F9/10B	. .	[N: Heating or cooling means, for temperature and humidity control, for the conditioning of articles and their storage (dispensers for food articles requiring a processing by temperature treatment or conditioning before they are ready for dispensing G07F17/00F)] [C1205]

G07F11/00   **Coin-freed apparatus for dispensing, or the like, discrete articles**

G07F11/00B	.	[N: where the dispenser is part of a centrally controlled network of dispensers] [N1204]
G07F11/00C	.	[N: Special arrangements for insuring that only one single article may be dispensed at a time] [N1204]
G07F11/00D	.	[N: wherein the storage and dispensing mechanism are configurable in relation to the physical or geometrical properties of the articles to be stored or dispensed] [N1204]
G07F11/02	.	from non-movable magazines
G07F11/04	. .	in which magazines the articles are stored one vertically above the other
G07F11/04B	. . .	[N: for sheet shaped or pliable articles]
G07F11/06	. . .	supported individually on pivotally-mounted flaps or shelves
G07F11/08	. . .	arranged in two column in staggered relationship
G07F11/10	. . .	two or more magazines having a common delivery chute
G07F11/12	. . .	with means for automatically changing to reserve stacks
G07F11/14	. . .	with means for raising the stack of articles to permit delivery of the topmost
G07F11/16	. . .	Delivery means
G07F11/16B	. . . .	[N: Delivery by means of an xyz-picker or multi-dimensional article picking arrangement] [N1204]
G07F11/18	. . . .	Recessed drawers
G07F11/20	. . . .	Pushers actuated directly by hand
G07F11/22	. . . .	Pushers actuated indirectly by hand, e.g. through cranks or levers
G07F11/24	. . . .	Rotary or oscillatory members
G07F11/26	. . . .	Endless bands
G07F11/28	. .	in which the magazines are inclined
G07F11/30	. . .	two or more magazines having independent delivery
G07F11/32	. . .	two or magazines having a common delivery chute
G07F11/34	. .	in which the magazines are of zig-zag form
G07F11/36	. .	in which the magazines are of helical or spiral form
G07F11/38	. .	in which the magazines are horizontal
G07F11/40	. . .	the articles being delivered by hand-operated means
G07F11/42	. . .	the articles being delivered by motor-driven means
G07F11/44	. .	in which magazines the articles are stored in bulk
G07F11/46	.	from movable storage containers or supports

G07F11/48   . .   the storage containers or supports, e.g. magazine, being pivotally mounted (articles supported on pivotally mounted flaps or shelves in magazines G07F11/06)

G07F11/50   . .   the storage containers or supports being rotatably mounted

G07F11/52   . . .   about horizontal axes

G07F11/54   . . .   about vertical axes

G07F11/56   . . . .   the storage containers or supports both rotating and moving axially

G07F11/58   . .   the articles being supported on or by endless belts or like conveyers

G07F11/60   . .   the storage containers or supports being rectilinearly movable (endless belts or like conveyers G07F11/58)

G07F11/62   .   in which the articles are stored in compartments in fixed receptacles

G07F11/64   .   in which the articles are individually suspended from stationary supports

G07F11/66   .   in which the articles are dispensed by cutting from a mass

G07F11/68   .   in which the articles are torn or severed from strips or sheets

G07F11/70   .   in which the articles are formed in the apparatus from components, blanks, or material constituents

G07F11/72   .   Auxiliary equipment, e.g. for lighting cigars, opening bottles

G07F13/00   **Coin-freed apparatus for controlling dispensing or fluids, semiliquids or granular material from reservoirs** [C9509]

G07F13/02   .   by volume

G07F13/02B   . .   [N: wherein the volume is determined during delivery]

G07F13/04   .   by weight

G07F13/06   .   with selective dispensing of different fluids or materials or mixtures thereof

G07F13/06B   . .   [N: for drink preparation]

G07F13/08   .   in the form of a spray

G07F13/10   .   with associated dispensing of containers, e.g. cups or other articles (dispensing discrete articles per se G07F11/00)

G07F15/00   **Coin-freed apparatus with meter-controlled dispensing of liquid, gas or electricity** (tariff-metering apparatus in general G01D4/00) [C9509]

G07F15/00B   .   [N: for gas]

G07F15/00C   .   [N: for electricity]

G07F15/00C2   . .   [N: dispensed for the electrical charging of vehicles (electrical charging as such, B60L11)] [N1204]

G07F15/00C4   . .   [N: dispensed for the electrical charging of other devices than vehicles] [N1204]

G07F15/00C6   . .   [N: Rewarding for providing delivery of electricity to the network] [N1204]

G07F15/02	.	in which the quantity mechanism is set forward by hand after insertion of a coin
G07F15/04	.	in which the quantity mechanism is set forward automatically by the insertion of a coin
G07F15/06	.	with means for prepaying basic charges, e.g. rent for meters
G07F15/08	.	with means for varying the tariff or changing the price
G07F15/10	.	with alarm or warning devices, e.g. indicating the interrupting of the supply
G07F15/12	.	in which metering is on a time basis

G07F17/00		**Coin-freed apparatus for hiring articles; Coin-freed facilities or services** [C1205]	
G07F17/00B	.	[N: for clockworks, e.g. alarm clocks, saving clocks]	
G07F17/00C	.	[N: for vending, access and use of specific services not covered anywhere else in 17/00 (meter-controlled dispensing of liquid, gas or electricity G07F15/00)] [N1204]	
G07F17/00C2	. .	[N: Access to services on a time-basis] [N1204]	
G07F17/00C2D	. . .	[N: Use of a wired telephone or public communication device (charging and metering the use of the telecommunication network H04M17/02)] [N1204]	
G07F17/00C4	. .	[N: Participation in a loyalty or discount scheme (data processing for shopping and discounts G06Q30/00)] [N1204]	
G07F17/00D	.	[N: for hiring of objects] [N1204]	
G07F17/00D2	. .	[N: for the hiring of content carriers, e.g. of DVDs or CDs (reverse vending for box-like objects such as videocassettes G07F7/06D)] [N1204]	
G07F17/00D4	. .	[N: for the hiring or rent of vehicles e.g. cars, bicycles or wheelchairs (car rental G07B15/00)] [N1204]	
G07F17/00F	.	[N: for processing of food articles (cooking vessels A47J37/00)] [N1204]	
G07F17/00F2	. .	[N: Food articles which need to be processed for dispensing in a cold condition, e.g. ice and ice cream] [N1204]	
G07F17/00F4	. .	[N: Food articles which need to be processed for dispensing in a hot or cooked condition, e.g. popcorn, nuts] [N1204]	
G07F17/00F4B	. . .	[N: Food articles which for processing need cooking in a liquid, e.g. oil, water] [N1204]	
G07F17/00P	.	[N: for assembling and dispensing of pharmaceutical articles (medical dispensers for private use, A61J7/00; data processing for medical purposes G06F19/00)] [N1204]	
G07F17/02	.	for optical devices, e.g. telescopes	
G07F17/04	.	for anthropometrical measurements, such as weight, height, strength	
G07F17/04B	. .	[N: for weighing persons (weighing apparatus in general G07F17/26B)]	
G07F17/06	.	for inflating-pumps	
G07F17/08	.	for seats or footstools	

G07F17/10	.	for means for safe-keeping of property, left temporarily, e.g. by fastening the property
G07F17/10B	. .	[N: for money boxes (for saving clocks G07F17/00B)]
G07F17/12	. .	comprising lockable containers, e.g. for accepting clothes to be cleaned
G07F17/14	.	for fastenings for doors (of containers for safe keeping G07F17/12); for turnstiles
G07F17/14B	. .	[N: for revolving doors or turnstiles]
G07F17/16	.	for devices exhibiting advertisements, announcements, pictures or the like
G07F17/16B	. .	[N: for film projection apparatus]
G07F17/16C	. .	[N: for calendars]
G07F17/18	.	for washing or drying persons
G07F17/20	.	for washing or drying articles, e.g. clothes, motor cars
G07F17/22	.	for cleaning and polishing boots or shoes
G07F17/24	.	for parking meters (devices for checking parking time G07C1/30)
G07F17/24B	. .	[N: provided with token dispensing devices]
G07F17/24C	. .	[N: provided with means for retaining a vehicle]
G07F17/24D	. .	[N: provided with vehicle proximity-detectors (detecting hidden masses, e.g. metal detectors, G01V, e.g. G01V3/00; proximity switches per se H03K17/00; traffic control systems G08G1/00)]
G07F17/24E	. .	[N: Housing construction (casings for coin-freed apparatus G07F9/10)]
G07F17/26	.	for printing, stamping, franking, typing or tele-printing apparatus (ticket printing or the like apparatus G07F17/42)
G07F17/26B	. .	[N: for weighing devices (for personal weighing apparatus G07F17/04B)]
G07F17/26C	. .	[N: for the use of a photocopier or printing device (photocopiers H04N1/00)] [N1204]
G07F17/28	.	for radio apparatus (television subscription systems H04N7/16)
G07F17/30	.	for musical instruments (recording or playing apparatus G11B)
G07F17/30B	. .	[N: for record players]
G07F17/32	.	for games, toys, sports or amusements, [N: e.g. casino games, online gambling or betting (game play without financial reward A63F)] [C1201]
G07F17/32C	. .	[N: Hardware aspects of a gaming system, e.g. components, construction, architecture thereof] [N1201]
G07F17/32C2	. . .	[N: Player-machine interfaces] [N1201]
G07F17/32C2B	. . . .	[N: Player sensing means, e.g. presence detection, biometrics] [N1201]
G07F17/32C2D	. . . .	[N: Input means, e.g. buttons, touch screen] [N1201]
G07F17/32C2F	. . . .	[N: Display means] [N1201]
G07F17/32C2F2	. . . . .	[N: Details of moving display elements, e.g. spinning reels, tumbling members] [N1201]
G07F17/32C4	. . .	[N: Construction aspects of a gaming system, e.g. housing, seats, ergonomic aspects] [N1201]

G07F17/32C4B . . . . [N: wherein at least part of the system is portable] [N1201]

G07F17/32C4D . . . . [N: Casino tables, e.g. tables having integrated screens, chip detection means] [N1201]

G07F17/32C6 . . . [N: Architectural aspects of a gaming system, e.g. internal configuration, master/slave, wireless communication] [N1201]

G07F17/32E . . [N: Data transfer within a gaming system, e.g. data sent between gaming machines and users] [N1201]

G07F17/32E2 . . . [N: Configuring a gaming machine, e.g. downloading personal settings, selecting working parameters] [N1201]

G07F17/32E4 . . . [N: wherein the player is informed, e.g. advertisements, odds, instructions] [N1201]

G07F17/32E6 . . . [N: wherein the operator is informed] [N1201]

G07F17/32E6B . . . . [N: about the performance of a gaming system, e.g. revenue, diagnosis of the gaming system] [N1201]

G07F17/32E6D . . . . [N: about the players, e.g. profiling, responsible gaming, strategy/behavior of players, location of players] [N1201]

G07F17/32E6D2 . . . . . [N: Tracking of individual players] [N1201]

G07F17/32H . . [N: Security aspects of a gaming system, e.g. detecting cheating, device integrity, surveillance (computer security G06F21/00)] [N1201]

G07F17/32K . . [N: Payment aspects of a gaming system, e.g. payment schemes, setting payout ratio, bonus or consolation prizes] [N1201]

G07F17/32K2 . . . [N: involving coins and/or banknotes] [N1201]

G07F17/32K4 . . . [N: involving non-monetary media of fixed value, e.g. casino chips of fixed value] [N1201]

G07F17/32K6 . . . [N: involving media of variable value, e.g. programmable cards, programmable tokens] [N1201]

G07F17/32K8 . . . [N: involving articles, e.g. paying in bottles, paying out toys] [N1201]

G07F17/32K10 . . . [N: Incentive, loyalty and/or promotion schemes, e.g. comps, gaming associated with a purchase, gaming funded by advertisements] [N1201]

G07F17/32K12 . . . [N: Cumulative reward schemes, e.g. jackpots] [N1201]

G07F17/32M . . [N: Game play aspects of gaming systems] [N1201]

G07F17/32M2 . . . [N: Player actions which determine the course of the game, e.g. selecting a prize to be won, outcome to be achieved, game to be played] [N1201]

G07F17/32M2B . . . . [N: Influencing the position of stopped moving members to achieve a winning arrangement, e.g. nudging, shuffling, holding] [N1201]

G07F17/32M4 . . . [N: Game outcomes which determine the course of the subsequent game, e.g. double or quits, free games, higher payouts, different new games] [N1201]

G07F17/32M6 . . . [N: Timing aspects of game play, e.g. blocking/halting the operation of a gaming machine] [N1201]

G07F17/32M8 . . . [N: Games involving multiple players] [N1201]

G07F17/32M8B . . . . [N: wherein the players cooperate, e.g. team-play] [N1201]

G07F17/32M8D . . . . [N: wherein the players compete, e.g. tournament] [N1201]

G07F17/32M8D2 . . . . . [N: wherein the competition is one-to-one, e.g. match] [N1201]

G07F17/32M8F . . . . [N: wherein game attributes are transferred between players, e.g. points, weapons, avatars] [N1201]

G07F17/32M8H . . . . [N: wherein the number of active machines is limited] [N1201]

G07F17/32P . . [N: Type of games] [N1201]

[N: **Notes** [N1201]
Classification in this group is given only in addition to one or more symbols already given in groups G07F17/32C to G07F17/32M
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G07F17/32P2   . . .   [N: Betting, e.g. on live events, bookmaking] [N1201]

G07F17/32P4   . . .   [N: Regular and instant lottery, e.g. electronic scratch cards] [N1201]

G07F17/32P6   . . .   [N: Card games, e.g. poker, canasta, black jack] [N1201]

G07F17/32P8   . . .   [N: Games involving skill, e.g. dexterity, memory, thinking] [N1201]

G07F17/32P10   . . .   [N: Fairground games, e.g. Tivoli, coin pusher machines, cranes] [N1201]

G07F17/34   . .   depending on the stopping of moving members [N: in a mechanical slot machine], e.g. "fruit" machines [C1201]

           [N: **Note** [N1201]
Classification in this group is given only in addition to one or more symbols already given in groups G07F17/32C to G07F17/32M
]

G07F17/36   . .   Age, character or fortune telling apparatus

G07F17/38   . .   Ball games; Shooting apparatus [N: (ball games, e.g. football, golf, bowls, without coin collection A63B)] [C9509]

G07F17/40   .   for devices for accepting orders, advertisements, or the like

G07F17/42   .   for ticket printing or like apparatus [N: e.g. apparatus for dispensing of printed paper tickets or payment cards] [C1205]

G07F19/00   **Complete banking systems; Coded card-freed arrangements adapted for dispensing or receiving monies or the like and posting such transactions to existing accounts, e.g. automatic teller machines** (data processing equipment for bank accounting G06Q40/02; [N: mechanisms in general actuated by objects other than coins G07F7/00; handling coins or paper currencies apart from payment activated apparatus G07D]) [N0111] [C1201]

           [N: **WARNING** [N1205]
Groups G07F19/20 - G07F19/211 do not correspond to former or future IPC groups. Concordance ECLA : IPC for these groups is as follows: - G07F19/20 - G07F19/211 : G07F19/00
]

G07F19/20   .   [N: Automatic teller machines [ATMs]] [N1204]

G07F19/201   . .   [N: Accessories of ATMs] [N1204]

G07F19/202   . .   [N: Depositing operations within ATMs (depositing in general G07D11/00)] [N1204]

G07F19/203   . .   [N: Dispensing operations within ATMs (dispensing in general G07D11/00)] [N1204]

G07F19/204   . .   [N: Loading of a stored value token using an ATM] [N1204]

G07F19/205   . .   [N: Housing aspects of ATMs] [N1204]

G07F19/2055   . . .   [N: Anti-skimming aspects at ATMs] [N1204]

G07F19/206   . .   [N: Software aspects at ATMs] [N1204]

G07F19/207   . .   [N: Surveillance aspects at ATMs] [N1204]

G07F19/208   . .   [N: Use of an ATM as a switch or hub] [N1204]

G07F19/209 . . [N: Monitoring, auditing or diagnose of functioning of ATMs] [N1204]

G07F19/210 . . [N: Retaining of the payment card by ATMs] [N1204]

G07F19/211 . . [N: Software architecture within ATMs or in relation to the ATM network] [N1204]