### COOPERATIVE PATENT CLASSIFICATION

**G**  **PHYSICS**  *(NOTES omitted)*

**INSTRUMENTS**

**G07**  **CHECKING-DEVICES**

**G07F**  **COIN-FREED OR LIKE APPARATUS** *(coin sorting G07D 3/00; coin testing G07D 5/00; handling coins or paper currencies apart from payment activated apparatus G07D; payment architectures, schemes or protocols G06Q 20/00)*

**NOTES**

1. This subclass does not cover constructions or details of apparatus which includes, or is combined with, coin-actuated mechanisms but is not specially adapted or modified for use therewith. Such constructions or details are covered by the relevant subclass for the particular apparatus.
2. In this subclass, the following term are used with the meaning indicated:
   - "coin-freed" means "payment activated"
   - "coins" covers also tokens or the like.

**WARNING**

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

<table>
<thead>
<tr>
<th>1/00</th>
<th>Coin inlet arrangements; Coins specially adapted to operate coin-freed mechanisms <em>(coins in general A44C)</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>1/02</td>
<td>. Coin slots</td>
</tr>
<tr>
<td>1/04</td>
<td>. Coin chutes</td>
</tr>
<tr>
<td>1/041</td>
<td>. . {with means, other than for testing currency, for dealing with inserted foreign matter, e.g. &quot;stuffing&quot;, &quot;stringing&quot; or &quot;salting&quot;}</td>
</tr>
<tr>
<td>1/042</td>
<td>. . . {the foreign matter being a long flexible member attached to a coin}</td>
</tr>
<tr>
<td>1/043</td>
<td>. . . . {Cutting or trapping of the flexible member or the attached coin}</td>
</tr>
<tr>
<td>1/044</td>
<td>. . . . {Automatic detection of the flexible member}</td>
</tr>
<tr>
<td>1/045</td>
<td>. . . {the foreign matter being in the form of liquids}</td>
</tr>
<tr>
<td>1/046</td>
<td>. . {with means for dealing with jamming, e.g. by bent wires}</td>
</tr>
<tr>
<td>1/047</td>
<td>. . {with means for temporarily storing coins}</td>
</tr>
<tr>
<td>1/048</td>
<td>. . {with means for damping coin motion}</td>
</tr>
<tr>
<td>1/06</td>
<td>. Coins specially adapted to operate coin-freed mechanisms</td>
</tr>
</tbody>
</table>

| 3/00 | (Coin testing or sorting means or arrangements for coin-freed apparatus *(apparatus for testing coins for use apart from coin-freed apparatus G07D)*) |

**WARNING**

The groups G07F 3/00 - G07F 3/027 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 G07D 5/00 and subgroups.

| 3/02 | . {for testing coins} |
| 3/022 | . . {according to shape or size} |

| 3/025 | . . {according to material} |
| 3/027 | . . {according to milling or relief} |
| 3/04 | . . {for sorting coins} |

**5/00**  **Coin-actuated mechanisms; Interlocks**

| 5/02 | . actuated mechanically by coins, e.g. by a single coin |
| 5/04 | . . wherein two or more coins of the same denomination are required for each transaction |
| 5/06 | . . wherein two or more coins of different denominations are required for each transaction |
| 5/08 | . . 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 |
| 5/10 | . . actuated electrically by the coin, e.g. by a single coin |
| 5/12 | . . wherein two or more coins of the same denomination are required for each transaction |
| 5/14 | . . wherein two or more coins of different denominations are required for each transaction |
| 5/16 | . . 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 |
| 5/18 | . specially adapted for controlling several coin-freed apparatus from one place *(interlocks per se G07F 5/26)* |
| 5/20 | . specially adapted for registering coins as credit, e.g. mechanically actuated |
| 5/22 | . . electrically actuated |
| 5/24 | . . with change-giving *(coin-changing mechanisms per se G07D)* |
Mechanisms actuated by objects other than coins to free or to actuate vending, hiring, coin or paper currency dispensing or refunding apparatus

(by handling coins or paper currencies apart from coin-free or like apparatus G07D; complete banking systems G07F 19/00)

1. Interlocks, e.g. for locking the doors of compartments other than that to be used

7/00

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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7/127
Details other than those peculiar to special kinds or types of apparatus (coin inlet arrangements G07F 1/00; coin testing arrangements G07F 3/00; coin-actuated mechanisms, interlocks G07F 5/00)

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 G07F 15/10)

Details of the software used for the vending machine (for display, data presentation or advertising arrangements in payment activated and coin-freed apparatus)

For alarm, monitoring and auditing in vending machines or means for indication, e.g. when empty

Means for returning surplus or unused coins

Coin boxes

Counting total of coins inserted

Casings {or parts thereof}, e.g. with means for heating or cooling

{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 G07F 17/0064)}

Coin-freed apparatus for dispensing, or the like, discrete articles

{where the dispenser is part of a centrally controlled network of dispensers}

{Special arrangements for insuring that only one single article may be dispensed at a time}

{wherein the storage and dispensing mechanism are configurable in relation to the physical or geometrical properties of the articles to be stored or dispensed}

From non-movable magazines

In which magazines the articles are stored one vertically above the other

{for sheet shaped or pliable articles}

Supported individually on pivotally-mounted flaps or shelves

Arranged in two columns in staggered relationship

Two or more magazines having a common delivery chute

With means for automatically changing to reserve stacks

With means for raising the stack of articles to permit delivery of the topmost

Delivery means

Delivery by means of an xyz-picker or multi-dimensional article picking arrangement

Recessed drawers

Pushers actuated directly by hand

Pushers actuated indirectly by hand, e.g. through cranks or levers

Rotary or oscillatory members

Endless bands

In which the magazines are inclined

Coin-freed apparatus for controlling dispensing of fluids, semiliquids or granular material from reservoirs

{wherein the volume is determined during delivery}

By weight

With selective dispensing of different fluids or materials or mixtures thereof

{for drink preparation}

In the form of a spray

With associated dispensing of containers, e.g. cups or other articles (dispensing discrete articles per se G07F 11/00)

Coin-freed apparatus with meter-controlled dispensing of liquid, gas or electricity (tariff-metering apparatus in general G01D 4/00)

{for gas}

{for electricity}

{dispensed for the electrical charging of vehicles (electrical charging as such, B60L 5/00)
17/00 **Coin-freed apparatus for hiring articles; Coin-freed facilities or services**

17/0007 . . . [for clockworks, e.g. alarm clocks, saving clocks]
17/0014 . . . [for vending, access and use of specific services not covered anywhere else in G07F 17/00 (meter-controlled dispensing of liquid, gas or electricity G07F 15/00)]
17/0021 . . . [Access to services on a time-basis]
17/0028 . . . [Use of a wired telephone or public communication device (charging and metering the use of the telecommunication network H04M 17/02)]
17/0035 . . . [Participation in a loyalty or discount scheme (data processing for shopping and discounts G06Q 30/00)]
17/0042 . . . [for hiring of objects]
17/005 . . . [for the hiring of content carriers, e.g. of DVDs or CDs (reverse vending for box-like objects such as videocassettes G07F 7/069)]
17/0057 . . . [for the hiring or rent of vehicles, e.g. cars, bicycles or wheelchairs (car rental G07B 15/00)]
17/0064 . . . [for processing of food articles (cooking vessels A47J 37/00)]
17/0071 . . . [Food articles which need to be processed for dispensing in a cold condition, e.g. ice and ice cream]
17/0078 . . . [Food articles which need to be processed for dispensing in a hot or cooked condition, e.g. popcorn, nuts]
17/0085 . . . [Food articles which for processing need cooking in a liquid, e.g. oil, water]
17/0092 . . . [for assembling and dispensing of pharmaceutical articles (medical dispensers for private use, A61J 7/00)]
17/02 . . . [for optical devices, e.g. telescopes]
17/04 . . . [for anthropometrical measurements, such as weight, height, strength]
17/045 . . . [for weighing persons (weighing apparatus in general G07F 17/263)]
17/06 . . . [for inflating-pumps]
17/08 . . . [for seats or footstools]
17/10 . . . [for means for safe-keeping of property, left temporarily, e.g. by fastening the property temporarily, e.g. by fastening the property]
17/105 . . . [for money boxes (for saving clocks G07F 17/0007)]
17/12 . . . [comprising lockable containers, e.g. for accepting clothes to be cleaned]
17/14 . . . [for fastenings for doors (of containers for safe keeping G07F 17/12); for turnstiles]
17/145 . . . [for revolving doors or turnstiles]
17/16 . . . [for devices exhibiting advertisements, announcements, pictures or the like]
17/163 . . . [for film projection apparatus]
17/166 . . . [for calendars]
17/18 . . . [for washing or drying persons]
17/20 . . . [for washing or drying articles, e.g. clothes, motor cars]
17/22 . . . [for cleaning and polishing boots or shoes]
17/24 . . . [for parking meters (devices for checking parking time G07C 1/30)]
17/242 . . . [provided with token dispensing devices]
17/244 . . . [provided with means for retaining a vehicle]
17/246 . . . [provided with vehicle proximity-detectors (detecting hidden masses, e.g. metal detectors, G01V, e.g. G01V 3/00; proximity switches per se H03K 17/00; traffic control systems G08G 1/00)]
17/248 . . . [Housing construction (casings for coin-freed apparatus G07F 9/10)]
17/26 . . . [for printing, stamping, franking, typing or teleprinting apparatus (ticket printing or the like apparatus G07F 17/42)]
17/263 . . . [for weighing devices (for personal weighing apparatus G07F 17/045)]
17/266 . . . [for the use of a photocopier or printing device (photocopiers H04N 1/00)]
17/28 . . . [for radio apparatus (television subscription systems H04N 7/16)]
17/30 . . . [for musical instruments (recording or playing apparatus G11B)]
17/305 . . . [for record players]
17/32 . . . [for games, toys, sports or amusements, e.g. casino games, online gambling or betting (game play without financial reward A63F)]
17/3202 . . . [Hardware aspects of a gaming system, e.g. components, construction, architecture thereof]
17/3204 . . . [Player-machine interfaces]
17/3206 . . . [Player sensing means, e.g. presence detection, biometrics]
17/3209 . . . [Input means, e.g. buttons, touch screen]
17/3211 . . . [Display means]
17/3213 . . . [Details of moving display elements, e.g. spinning reels, tumbling members]
17/3216 . . . [Construction aspects of a gaming system, e.g. housing, seats, ergonomic aspects]
17/3218 . . . [wherein at least part of the system is portable]
17/322 . . . [Casino tables, e.g. tables having integrated screens, chip detection means]
17/3223 . . . [Architectural aspects of a gaming system, e.g. internal configuration, master/slave, wireless communication]
17/3225 . . . [Data transfer within a gaming system, e.g. data sent between gaming machines and users]
17/3227 . . . [Configuring a gaming machine, e.g. downloading personal settings, selecting working parameters]
17/323 . . . [wherein the player is informed, e.g. advertisements, odds, instructions]
17/3232 . . . [wherein the operator is informed]
17/3234 . . . [about the performance of a gaming system, e.g. revenue, diagnosis of the gaming system]
Classification in this group is given only in addition to one or more symbols already given in groups \texttt{G07F 17/3202 - G07F 17/3283}

\texttt{G07F 17/34}. . . depending on the stopping of moving members [in a mechanical slot machine], e.g. "fruit" machines

\textbf{NOTE}

Classification in this group is given only in addition to one or more symbols already given in groups \texttt{G07F 17/3202 - G07F 17/3283}

\texttt{G07F 17/36}. . . Age, character or fortune telling apparatus

\texttt{G07F 17/38}. . . Ball games; Shooting apparatus { (ball games, e.g. football, golf, bowls, without coin collection \texttt{A63B})}

\texttt{G07F 17/40}. . . for devices for accepting orders, advertisements, or the like

\texttt{G07F 17/42}. . . for ticket printing or like apparatus {, e.g. apparatus for dispensing of printed paper tickets or payment cards}

\texttt{G07F 19/00} 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 \texttt{G06Q 40/02} { ; mechanisms in general actuated by objects other than coins \texttt{G07F 7/00}; handling coins or paper currencies apart from payment activated apparatus \texttt{G07D1})

\texttt{G07F 19/20}. . . \{Automatic teller machines [ATMs]\}

\texttt{G07F 19/201}. . . \{Accessories of ATMs\}

\texttt{G07F 19/202}. . . \{Depositing operations within ATMs (depositing in general \texttt{G07D 11/00})\}

\texttt{G07F 19/203}. . . \{Dispensing operations within ATMs (dispensing in general \texttt{G07D 11/00})\}

\texttt{G07F 19/204}. . . \{Loading of a stored value token using an ATM\}

\texttt{G07F 19/205}. . . \{Housing aspects of ATMs\}

\texttt{G07F 19/2055}. . . \{Anti-skimming aspects at ATMs\}

\texttt{G07F 19/206}. . . \{Software aspects at ATMs\}

\texttt{G07F 19/207}. . . \{Surveillance aspects at ATMs\}

\texttt{G07F 19/208}. . . \{Use of an ATM as a switch or hub\}

\texttt{G07F 19/209}. . . \{Monitoring, auditing or diagnose of functioning of ATMs\}

\texttt{G07F 19/21}. . . \{Retaining of the payment card by ATMs\}

\texttt{G07F 19/211}. . . \{Software architecture within ATMs or in relation to the ATM network\}