

G07D

HANDLING OF COINS OR VALUABLE PAPERS, e.g. TESTING, SORTING BY DENOMINATIONS, COUNTING, DISPENSING, CHANGING OR DEPOSITING

Definition statement

This place covers:

This subclass covers handling of "coins" or "paper currency" insofar as they carry distinctive value features representative of money or the like.

- "coins" also covers tokens of similar nature;
- "paper currency or similar valuable papers" covers banknotes, bills, cheques, vouchers, securities, bonds or the like.

Relationships with other classification places

Handling of articles in general is found in [B65G](#) and handling of sheet material in general is found in [B65H](#).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Sorting in general	B07C
Security papers as such	B42D
Handling of articles in general	B65G
Handling of sheet material in general Coins as such	B65H , A44C 21/00 , G07F 1/06
Counting by weighing	G01G
Counting of objects in general, i.e. without discriminating of denominations	G06M

Special rules of classification

The IPC group [G07D 13/00](#) is not used in the internal ECLA classification scheme. Subject matter covered in IPC by this groups is classified in the ECLA subgroups under main group [G07D 11/00](#).

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

- "coins" also covers tokens of similar nature;
- "paper currency or similar valuable papers" covers banknotes, bills, cheques, vouchers, securities, bonds or the like.

G07D 1/00

Coin dispensers (devices delivering paper currency [G07D 11/00](#))

Definition statement

This place covers:

Dispensing coins or coin rolls from ordered arrangements thereof

Relationships with other classification places

Feeding of articles from stacks in general is to be found in [B65G 59/00](#)

References

Limiting references

This place does not cover:

Giving change	G07F 5/24 , G07D 1/02
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Change-giving devices	G07F 5/24 , G07D 11/0087 , G07D 9/02
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Special rules of classification

An additional class is given for aspects covered by [G07D 1/02](#) and subgroups

G07D 1/02

giving change {(coin-actuated mechanisms in general [G07F](#))}

Relationships with other classification places

Algorithms for giving change, for example which coins to dispense preferentially, are to be found in [G07F 5/24](#).

Coin-actuated mechanisms in general are to be found in [G07F](#)

References

Limiting references

This place does not cover:

Algorithms for giving change; vending; return of a bulk of coins	G07F 5/24 ; G07F 11/00 , G07F 13/00 ; G07F 1/047
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Coin-actuated mechanisms in general	G07F
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Special rules of classification

An additional class is given for aspects covered by [G07D 1/00](#).

There may be some overlap with [G07F 5/24](#)

G07D 1/04

dispensing change equal to a sum deposited

Relationships with other classification places

Algorithms for giving change, for example which coins to dispense preferentially, are to be found in [G07F 5/24](#)

References

Limiting references

This place does not cover:

Algorithms for giving change; vending; return of a bulk of coins	G07F 5/24 ; G07F 11/00 , G07F 13/00 ; G07F 1/047
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Special rules of classification

An additional class is given for aspects covered by [G07D 1/00](#).

There may be some overlap with [G07F 5/24](#)

G07D 1/06

dispensing the difference between a sum paid and a sum charged

Relationships with other classification places

Algorithms for giving change, for example which coins to dispense preferentially, are to be found in [G07F 5/24](#)

References

Limiting references

This place does not cover:

Algorithms for giving change; vending; return of a bulk of coins	G07F 5/24 ; G07F 11/00 , G07F 13/00 ; G07F 1/047
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Special rules of classification

There may be some overlap with [G07F 5/24](#)

G07D 1/08

hand actuated

Definition statement

This place covers:

The devices classified here are typically carried by vehicles or persons involved in public transport

Relationships with other classification places

Cash registers or tills are to be found in [G07G](#)

References

Limiting references

This place does not cover:

Algorithms for giving change; vending; return of a bulk of coins; cash registers or tills	G07F 5/24 ; G07F 11/00 , G07F 13/00 ; G07F 1/047 ; G07G
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G07D 3/00

Sorting a mixed bulk of coins into denominations

Definition statement

This place covers:

Sorting of coins either by apertures which remove restraint keeping them on a path ([G07D 3/02](#) - [G07D 3/08](#)) or in a space ([G07D 3/10](#)), by deflectors which divert them from a path ([G07D 3/12](#)) or by means of actuators responding to sensors ([G07D 3/14](#)).

Relationships with other classification places

Sorting items in general is to be found in [B07C](#). Sorting bulk material in general is to be found in [B07B](#).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Sorting paper currency	G07D 11/50
Sorting by coin weight	G01G

Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/02

Sorting coins by means of graded apertures

Definition statement

This place covers:

Graded apertures sort coins by allowing or blocking their passage according to their dimensions, e.g. thickness, diameter

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References

Limiting references

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/04**arranged on an inclined rail****Definition statement**

This place covers:

Single coins are sorted by a series of apertures.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References**Limiting references**

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/06**arranged along a circular path****Definition statement**

This place covers:

Single coins are sorted by a series of apertures.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References**Limiting references**

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/08

arranged on a helix

Definition statement

This place covers:

Single coins are sorted by a series of apertures.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References

Limiting references

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/10

provided by sieves arranged in series

Definition statement

This place covers:

Coins in bulk are sorted by a series of groups of apertures.

Relationships with other classification places

Sorting material in bulk in general is to be found in [B07B](#).

References

Limiting references

This place does not cover:

Testing coins for genuineness	G07D 5/00
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G07D 3/12

Sorting coins by means of stepped deflectors

Definition statement

This place covers:

Stepped deflectors sort coins by allowing their passage or diverting them to a branch path according to their dimensions, e.g. thickness, diameter.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References**Limiting references**

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/121

{arranged on inclined paths}

Definition statement

This place covers:

Single coins are sorted by a series of deflectors.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References**Limiting references**

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/123

{the coins being deflected off rails}

Definition statement

This place covers:

Single coins are sorted by a series of deflectors.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References**Limiting references**

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/125

{by moving deflectors}

Definition statement

This place covers:

Single coins are sorted by a series of deflectors.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References**Limiting references**

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/126

{the coins being diverted by ramps in channels}

Definition statement

This place covers:

Single coins are sorted by a series of deflectors.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References**Limiting references**

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/128

{Rotary devices}

Definition statement

This place covers:

Single coins are sorted by a series of deflectors.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References

Limiting references

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#)

G07D 3/14

Apparatus driven under control of coin-sensing elements

Definition statement

This place covers:

Single coins are sorted according to signals from sensors, for instance in combination with determination of timing or coin position.

Relationships with other classification places

Sorting items in general is to be found in [B07C](#).

References

Limiting references

This place does not cover:

Testing coins for genuineness	G07D 5/00
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Special rules of classification

There may be some overlap with [G07D 5/00](#).

Some documents may also be classified in [G07D 5/00](#)

G07D 3/16

in combination with coin-counting

Special rules of classification

This group is used only when counting is of special significance, and then even when sorting does not occur, the special significance residing in the method and/or means of counting or in an influence on a process such as dispensing or storing coins.

G07D 5/00

Testing specially adapted to determine the identity or genuineness of coins, e.g. for segregating coins which are unacceptable or alien to a currency

Definition statement

This place covers:

Testing coins for genuineness irrespective of the context: the testing may occur in banking machines, vending machines, cash registers etc. Vibration and acoustic characteristics of coins are classified in this head group.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Counting coins; Handling coins	G07D 9/00
Devices accepting coins	G07D 11/00
Details other than those peculiar to special kinds or types of apparatus	G07F 9/00
Complete banking systems	G07F 19/00
Registering the receipt of cash, valuables, or tokens	G07G

Special rules of classification

In groups [G07D 5/02-G07D 5/10](#), in the absence of an indication to the contrary, classification is made in the last appropriate place

G07D 5/005

{Testing the surface pattern, e.g. relief}

Definition statement

This place covers:

The expression "surface pattern" refers to impressions on the flat faces of coins and to rims extending in the direction of the axis of a coin.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing edge features, e.g. milling	G07D 5/10
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G07D 5/02

Testing the dimensions, e.g. thickness, diameter; Testing the deformation

Definition statement

This place covers:

Only testing of dimensions.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing deformation in the sense of vibrations, hardness (e.g. plastic properties) or elastic properties	G07D 5/06
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G07D 5/06

Testing the hardness or elasticity

Relationships with other classification places

Vibration and acoustic properties are classified in the main group [G07D 5/00](#).

G07D 5/10

Testing the rim, e.g. the milling of the rim

Definition statement

This place covers:

Feature on the periphery of coins are covered.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing the surface pattern	G07D 5/005
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G07D 7/00

Testing specially adapted to determine the identity or genuineness of valuable papers or for segregating those which are unacceptable, e.g. banknotes that are alien to a currency

Definition statement

This place covers:

Testing of paper currency in banking machines, vending machines, or cash registers, wherein both the identity, e.g. currency or denomination, and the genuineness, i.e. validity or authenticity, are assessed. Inspection, identification or validation processes can be different in degree of strictness, for example, basic features, e.g. size or colour, may be used to identify the denomination or identity, whereas security features, e.g. holograms, patterns, (digital) watermarks or metallic strips, may be used to verify the authenticity.

Assessment of fitness for recirculation.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Devices accepting coins or paper currency, e.g. depositing machines	G07D 11/00
Printed matter of special format or style not otherwise provided for	B42D 15/00
Arrangements for verifying the correctness of markings on a record carrier	G06K 5/00
Coin-free apparatus for controlling dispensing of fluids, semiliquids or granular material from reservoirs	G07F 13/00
Complete banking systems; Coded card-free arrangements adapted for dispensing or receiving monies or the like and posting such transactions to existing accounts, e.g. automatic teller machines	G07F 19/00
Registering the receipt of cash, valuables or tokens	G07G

Special rules of classification

The main group comprises two sections. The first section [G07D 7/003](#) – [G07D 7/01](#) covers the features of valuable papers rather than the methods and means of testing. The second section, [G07D 7/02](#) – [G07D 7/20](#) relates to methods and means of testing.

Classification is made in both ranges as identified above, whenever appropriate.

G07D 7/0032

{using holograms}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Printed matter of special format or style not otherwise provided for	B42D 15/00
Holograms as optical elements	G02B 5/32
Holographic processes	G03H 1/00

G07D 7/0034

{using watermarks}

Definition statement

This place covers:

Watermarks visible to the naked eye, e.g. printed on paper with visible ink

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Digital watermarks	G07D 7/005
Printed matter of special format or style not otherwise provided for	B42D 15/00

G07D 7/004

using digital security elements, e.g. information coded on a magnetic thread or strip

Definition statement

This place covers:

Digital security elements, where the information is coded on a magnetic thread or strip.

Relationships with other classification places

While [G07D 7/00](#) covers testing of paper currency, the printing of paper currency is covered by [B42D](#).

G07D 7/0043

using barcodes

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Printed matter of special format or style not otherwise provided for	B42D 15/00
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G07D 7/0047

using checkcodes, e.g. coded numbers derived from serial number and denomination

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Printed matter of special format or style not otherwise provided for	B42D 15/00
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G07D 7/005

Testing security markings invisible to the naked eye, e.g. verifying thickened lines or unobtrusive markings or alterations

Relationships with other classification places

This subgroup and its sub groups are related to subgroups [G07D 7/20](#) - [G07D 7/207](#).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing patterns	G07D 7/20
Prevention of copying of banknotes	G03G 21/046
Image watermarks	G06T 1/0021

Special rules of classification

Classification is made additionally in the range [G07D 7/20-G07D 7/207](#) whenever appropriate.

G07D 7/0053

{involving markings added to a pattern, e.g. interstitial points}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing security patterns	G07D 7/20
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Special rules of classification

Classification is made additionally in the range [G07D 7/20-G07D 7/207](#) whenever appropriate.

G07D 7/0054

{involving markings the properties of which are altered from original properties}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing patterns	G07D 7/20
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Special rules of classification

Classification is made additionally in the range [G07D 7/20-G07D 7/207](#) whenever appropriate.

G07D 7/0055

{involving markings displaced slightly from original positions within a pattern}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing patterns	G07D 7/20
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Special rules of classification

Classification is made additionally in the range [G07D 7/20-G07D 7/207](#) whenever appropriate.

G07D 7/0057

{involving markings which are altered in dimension, e.g. thickened lines}

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Testing patterns	G07D 7/20
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Special rules of classification

Classification is made additionally in the range [G07D 7/20-G07D 7/207](#) whenever appropriate.

G07D 7/01

Testing electronic circuits therein

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Record carriers with chips	G06K 19/07
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Special rules of classification

Classification is made additionally in the range [G07D 7/20-G07D 7/207](#) whenever appropriate.

Groups [G07D 7/16-G07D 7/20](#) take precedence over groups [G07D 7/02-G07D 7/14](#).

G07D 7/02

Testing electrical properties of the materials thereof ([G07D 7/01](#) takes precedence)

References**Limiting references**

This place does not cover:

Testing electronic circuits	G07D 7/01
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing specially adapted to determine the identity or genuineness of paper currency or similar valuable papers, e.g. for segregating those which are unacceptable or alien to a currency using digital security elements	G07D 7/004
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Testing specially adapted to determine the identity or genuineness of paper currency or similar valuable papers, e.g. for segregating those which are unacceptable or alien to a currency using magnetic means	G07D 7/04
Testing specially adapted to determine the identity or genuineness of paper currency or similar valuable papers, e.g. for segregating those which are unacceptable or alien to a currency using wave or particle radiation	G07D 7/06
Printed matter of special format or style not otherwise provided for	B42D 15/00

Special rules of classification

Groups [G07D 7/16-G07D 7/20](#) take precedence over groups [G07D 7/02-G07D 7/14](#).

G07D 7/023

Measuring conductivity by direct contact

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Securities.	B42D 25/29
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G07D 7/026

using capacitive sensors

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Securities.	B42D 25/29
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G07D 7/04

Testing magnetic properties of the materials thereof, e.g. by detection of magnetic imprint ([G07D 7/01](#) takes precedence)

References

Limiting references

This place does not cover:

Testing electronic circuits	G07D 7/01
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing specially adapted to determine the identity or genuineness of paper currency or similar valuable papers, e.g. for segregating those which are unacceptable or alien to a currency using digital security elements	G07D 7/004
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Special rules of classification

Groups [G07D 7/16-G07D 7/20](#) take precedence over groups [G07D 7/02-G07D 7/14](#).

G07D 7/06

using wave or particle radiation

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Testing specially adapted to determine the identity or genuineness of paper currency or similar valuable papers, e.g. for segregating those which are unacceptable or alien to a currency using digital security elements	G07D 7/004
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G07D 7/12

Visible light, infrared or ultraviolet radiation

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Optical analysis of materials.	G01N 21/00.
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G07D 7/1205

Testing spectral properties

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Investigating fluorescence of materials	G01N 21/64
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G07D 7/128

Viewing devices

Definition statement

This place covers:

These viewing devices present a physical view of the tested object for visual checking.

G07D 7/181

Testing mechanical properties or condition, e.g. wear or tear ([G07D 7/16](#) takes precedence)

Definition statement

This place covers:

This group is used for general wear and tear (fitness).

References

Limiting references

This place does not cover:

Testing the dimensions to determine the identity or genuineness of paper currency or similar valuable papers	G07D 7/16
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G07D 7/183

Detecting folds or doubles

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Double feeding of sheets.	B65H 7/12
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Special rules of classification

Only subject matter relating to testing of valuable papers should be classified in this group.

G07D 7/187

Detecting defacement or contamination, e.g. dirt

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing using light. Testing patterns.	G07D 7/12 , G07D 7/20
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Special rules of classification

Groups [G07D 7/16-G07D 7/20](#) take precedence over groups [G07D 7/02-G07D 7/14](#).

G07D 7/20

Testing patterns thereon ([G07D 7/004](#), [G07D 7/005](#) take precedence)

References

Limiting references

This place does not cover:

Testing specially adapted to determine the identity or genuineness of paper currency or similar valuable papers, e.g. for segregating those which are unacceptable or alien to a currency using digital security elements	G07D 7/004
Testing security markings invisible to the naked eye, e.g. verifying thickened lines or unobtrusive markings or alterations	G07D 7/005

Informative references

Attention is drawn to the following places, which may be of interest for search:

Pattern recognition	G06F 18/00 .
Image or video recognition or understanding	G06V

G07D 7/202

using pattern matching

Definition statement

This place covers:

Pattern matching in general; template/reference matching.

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Pattern matching criteria, e.g. proximity measures	G06F 18/22
Image or video pattern matching	G06V 10/74

G07D 7/205

{Matching spectral properties}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Testing spectral properties.	G07D 7/1205 .
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G07D 7/207

Matching patterns that are created by the interaction of two or more layers, e.g. moiré patterns

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Printed matter of special format or style not otherwise provided for	B42D 15/00
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G07D 9/00

Counting coins (in combination with coin-sorting [G07D 3/16](#)); Handling of coins not provided for in the other groups of this subclass

Definition statement

This place covers:

This head group covers machines which accept deposits of coins and dispense coins in the manner that ATMs accept and dispense paper money. Some of these machines handle paper money as well as coins.

Relationships with other classification places

Handling of objects in general: [B65G](#). Machines which accept and dispense paper money are found in [G07D 11/00](#), the transactional and user-interface aspects of such machines (ATMs) being found in [G06Q 20/00](#) and [G07F 19/00](#).

References

Limiting references

This place does not cover:

Counting coins in combination with coin-sorting	G07D 3/16
Handling paper money; transactional aspects; user-interface aspects.	G07D 11/00 ; G06Q 20/00 , G07F 19/00 ; G07F 19/20 .

Informative references

Attention is drawn to the following places, which may be of interest for search:

Handling of paper currency	G07D 11/16
Counting paper currency	G07D 11/50

Special rules of classification

Machines handling paper money as well as coins should be classified also in [G07D 11/00](#).

G07D 9/002**{Coin holding devices}****Definition statement**

This place covers:

Includes coin trays and other holders for stacked coins, many of which include means which facilitate counting of coins.

Relationships with other classification places

Containers in general: [B65D](#). Purses, etc.: [A45C 1/00](#).

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Containers in general. Purses, etc.	B65D . A45C 1/00 .
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G07D 9/004**{Coin packages}****Definition statement**

This place covers:

Rigid packages for a single stack of coins.

G07D 9/006**{Coin wrappers}****Definition statement**

This place covers:

Flexible wrappers for a single stack of coins.

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Wrapping coins.	G07D 9/065 .
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G07D 9/008**{Feeding coins from bulk}****Relationships with other classification places**

Feeding articles in general: [B65G 47/00](#).

References

Limiting references

This place does not cover:

Feeding coins from ordered arrangements thereof; feeding articles in general.	G07D 1/00 ; B65G 47/00 .
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G07D 9/02

Change trays

Definition statement

This place covers:

These are for holding coins in unordered arrangements being present to persons as change.

G07D 9/04

Hand- or motor-driven devices for counting coins {(counting mechanisms in general [G06M](#))}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Counting mechanisms in general	G06M
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G07D 9/06

Devices for stacking or otherwise arranging coins on a support, e.g. apertured plate for use in counting coins

Relationships with other classification places

Stacking objects in general: [B65G 57/00](#).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Stacking in general.	B65G 57/00 .
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G07D 9/065

{Devices for wrapping coins}

Relationships with other classification places

Wrapping objects in general: [B65B](#).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Wrapping in general. Coin wrappers.	B65B. G07D 9/006.
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G07D 11/00

Devices accepting coins; Devices accepting, dispensing, sorting or counting valuable papers

Definition statement

This place covers:

This group and its subgroups cover machines which accept deposits of paper money and dispense paper money. Some of these machines handle coins as well as paper money.

Relationships with other classification places

This group covers constructional and functional aspects of devices handling paper currency, e.g. automatic teller machines [ATMs].

Other aspects of ATMs, e.g. posting transactions to existing accounts or aspects related to the interaction with the users, are covered by group [G07F 19/20](#).

Payment architectures, schemes or protocols are covered by group [G06Q 20/00](#).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Devices dispensing coins	G07D 1/00
Handling of sheet material in general	B65H
Payment architectures, schemes or protocols	G06Q 20/00
Apparatus freed or actuated by coins or the like	G07F
Apparatus freed or actuated by paper currency	G07F 7/04
Transactional aspects and user-interface aspects of ATMs	G07F 19/20

Special rules of classification

Machines handling coins as well as paper money should be classified also in [G07D 9/00](#).

G07D 11/0087

{Banknote changing devices}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Change algorithms.	G07F 5/24.
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G07D 11/009**{Depositing devices}****Definition statement**

This place covers:

These devices are mostly one-way devices: nothing is dispensed.

Relationships with other classification places

Dispensing of paper money is elsewhere in [G07D 11/00](#).

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Safes	E05G
Safe-deposit boxes	E05G 1/06 , E05G 7/001
Payment architectures, schemes or protocols	G06Q 20/00
Transactional aspects	G07F 19/20

G07D 11/0093**{Drop boxes}****Definition statement**

This place covers:

These are usually placed near a cash register and mostly accept banknotes singly.

G07D 11/0096**{Accepting paper currency or other valuables in containers, e.g. in code-marked envelopes}****Relationships with other classification places**

Tracking and tracing of containers is to be found in [G07D 11/30](#). Transactional aspects are to be found in [G06Q 20/00](#), [G07F 19/00](#).

References**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Tracking and tracing	G07D 11/30
Payment architectures, schemes or protocols	G06Q 20/00
Transactional aspects	G07F 19/20

G07D 13/00

Handling of coins or of valuable papers, characterised by a combination of mechanisms not covered by a single one of groups [G07D 1/00](#) - [G07D 11/00](#)

Definition statement

This place covers:

This group is not used.

Special rules of classification

Use instead [G07D 11/00](#) and subgroups