

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

**The following classification changes will be effected by this Notice of Changes:**

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Symbols Deleted:	G06Q	50/28, 50/30, 50/32
Symbols New:	G06Q	50/40, 50/43, 50/47, 50/50, 50/60
Titles Changed:	G06Q	50/00, 50/02, 50/06, 50/163, 50/18, 50/22, 50/26
Warnings New:	G06Q	10/083
	G06Q	50/00, 50/02, 50/06, 50/22, 50/26, 50/40, 50/43, 50/50, 50/60
	H04L	12/14
	H04M	3/00
	H04M	15/00
	H04M	17/00
	H04W	4/24
<b>DEFINITIONS:</b>		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	G06Q	50/28, 50/30, 50/32
Definitions New:	G06Q	50/40, 50/43, 50/47, 50/50, 50/60
Definitions Modified:	G06Q	50/00, 50/02, 50/04, 50/06, 50/08, 50/12, 50/14, 50/16, 50/163, 50/18, 50/20, 50/22, 50/26

**The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL):**

G06Q 10/047, G07B 17/00185

**This Notice of Changes includes the following [Check the ones included]:**

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)
- 3.  REVISION CONCORDANCE LIST (RCL)
- 4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5.  CHANGES TO THE CROSS-REFERENCE LIST (CRL)

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

**SUBCLASS G06Q - INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL OR SUPERVISORY PURPOSES; SYSTEMS OR METHODS SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL OR SUPERVISORY PURPOSES, NOT OTHERWISE PROVIDED FOR**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to</u>
C	G06Q 50/00	0	Information and communication technology [ICT] specially adapted for implementation of business processes of specific business sectors, e.g. utilities or tourism (healthcare informatics G16H)	G06Q 50/00, G06Q 50/02, G06Q 50/06, G06Q 50/22
T	G06Q 50/02	1	Agriculture; Fishing; Forestry; Mining	
U	G06Q 50/04	1	Manufacturing	
T	G06Q 50/06	1	Energy or water supply	
U	G06Q 50/08	1	Construction	
U	G06Q 50/10	1	Services	
U	G06Q 50/12	2	Hotels or restaurants	
U	G06Q 50/14	2	Travel agencies	
U	G06Q 50/16	2	Real estate	
M	G06Q 50/163	3	Real estate management	
M	G06Q 50/18	2	Legal services	
U	G06Q 50/20	2	Education	
T	G06Q 50/22	2	Social work or social welfare, e.g. community support activities or counselling services	
C	G06Q 50/26	2	Government or public services (business processes related to the transportation industry G06Q 50/40)	G06Q 50/26, G06Q 50/40
D	G06Q 50/28	1	Logistics, e.g. warehousing, loading, distribution or shipping	< administrative transfer to G06Q 10/08>
D	G06Q 50/30	1	Transportation; Communications	< administrative transfer to G06Q 50/40>
D	G06Q 50/32	2	Post and telecommunications (franking apparatus G07B 17/00)	< administrative transfer to G06Q 50/60>
U	G06Q 50/34	1	Betting or bookmaking, e.g. Internet betting	

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to</u>
Q	G06Q 50/40	1	Business processes related to the transportation industry (shipping G06Q 10/083)	G06Q 10/083, G06Q 50/40, G06Q 50/43, G06Q 50/47, G06Q 50/50, H04L 12/14, H04M 3/00, H04M 15/00, H04M 17/00, H04W 4/24
N	G06Q 50/43	2	Business processes related to the sharing of vehicles, e.g. car sharing	
N	G06Q 50/47	3	Passenger ride requests, e.g. ride-hailing	
N	G06Q 50/50	1	Business processes related to the communications industry (metering or billing arrangements H04L 12/14; telephonic communication involving automatic or semi-automatic exchanges H04M 3/00; arrangements for metering, time-control or time indication H04M 15/00; prepayment telephone systems H04M 17/00; accounting or billing for wireless communication networks H04W 4/24)	
Q	G06Q 50/60	1	Business processes related to postal services (shipping G06Q 10/083; franking apparatus G07B 17/00)	G06Q 50/60, G06Q 10/083

\*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T = existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- \*\*No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

B. New, Modified or Deleted Warning(s)

**SUBCLASS G06Q - INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL OR SUPERVISORY PURPOSES; SYSTEMS OR METHODS SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL OR SUPERVISORY PURPOSES, NOT OTHERWISE PROVIDED FOR**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	G06Q 10/083		Group G06Q 10/083 is incomplete pending reclassification of documents from groups G06Q 50/40 and G06Q 50/60. Groups G06Q 50/40, G06Q 50/60 and G06Q 10/083 should be considered in order to perform a complete search.
N	G06Q 50/00		Group G06Q 50/00 is impacted by reclassification into groups G06Q 50/02, G06Q 50/06 and G06Q 50/22. All groups listed in this Warning should be considered in order to perform a complete search.
N	G06Q 50/02		Group G06Q 50/02 is incomplete pending reclassification of documents from group G06Q 50/00. Groups G06Q 50/00 and G06Q 50/02 should be considered in order to perform a complete search.
N	G06Q 50/06		Group G06Q 50/06 is incomplete pending reclassification of documents from group G06Q 50/00. Groups G06Q 50/00 and G06Q 50/06 should be considered in order to perform a complete search.
N	G06Q 50/22		Group G06Q 50/22 is incomplete pending reclassification of documents from group G06Q 50/00. Groups G06Q 50/00 and G06Q 50/22 should be considered in order to perform a complete search.
N	G06Q 50/26		Group G06Q 50/26 is impacted by reclassification into group G06Q 50/40.

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			Groups G06Q 50/26 and G06Q 50/40 should be considered in order to perform a complete search.
N	G06Q 50/40		Group G06Q 50/40 is incomplete pending reclassification of documents from group G06Q 50/26. Group G06Q 50/40 is also impacted by reclassification into groups G06Q 10/083, G06Q 50/43, G06Q 50/47, G06Q 50/50, H04L 12/14, H04M 3/00, H04M 15/00, H04M 17/00 and H04W 4/24. All groups listed in this Warning should be considered in order to perform a complete search.
N	G06Q 50/43		Groups G06Q 50/43 and G06Q 50/47 are incomplete pending reclassification of documents from group G06Q 50/40. Groups G06Q 50/40, G06Q 50/43 and G06Q 50/47 should be considered in order to perform a complete search.
N	G06Q 50/50		Group G06Q 50/50 is incomplete pending reclassification of documents from group G06Q 50/40. Groups G06Q 50/40 and G06Q 50/50 should be considered in order to perform a complete search.
N	G06Q 50/60		Group G06Q 50/60 is impacted by reclassification into group G06Q 10/083. Groups G06Q 50/60 and G06Q 10/083 should be considered in order to perform a complete search.
N	H04L 12/14		Group H04L 12/14 is incomplete pending reclassification of documents from group G06Q 50/40. Groups G06Q 50/40 and H04L 12/14 should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	H04M 3/00		Group H04M 3/00 is incomplete pending reclassification of documents from group G06Q 50/40. Groups G06Q 50/40 and H04M 3/00 should be considered in order to perform a complete search.
N	H04M 15/00		Group H04M 15/00 is incomplete pending reclassification of documents from group G06Q 50/40. Groups G06Q 50/40 and H04M 15/00 should be considered in order to perform a complete search.
N	H04M 17/00		Group H04M 17/00 is incomplete pending reclassification of documents from group G06Q 50/40. Groups G06Q 50/40 and H04M 17/00 should be considered in order to perform a complete search.
N	H04W 4/24		Group H04W 4/24 is incomplete pending reclassification of documents from group G06Q 50/40. Groups G06Q 50/40 and H04W 4/24 should be considered in order to perform a complete search.

\*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

## 2. A. DEFINITIONS (new)

### G06Q 50/40

#### Definition statement

*This place covers:*

Information and communication technology [ICT] specially adapted for implementation of business processes for the transportation sector.

The following business processes are therefore covered, the list being non-exhaustive:

- managing schedules for public transportation services or mass transit, e.g. planning bus schedules.

#### References

##### Limiting references

*This place does not cover:*

Shipping	<a href="#">G06Q 10/083</a>
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##### Informative references

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

Reservations, e.g. for tickets, services or events	<a href="#">G06Q 10/02</a>
Logistics	<a href="#">G06Q 10/08</a>
Monitoring or controlling charging stations using data transfer between charging stations and vehicles	<a href="#">B60L 53/66</a>
Arrangements or apparatus for collecting fares, tolls or entrance fees at one or more control points	<a href="#">G07B 15/00</a>
Collecting fares, tolls or entrance fees taking into account a variable factor such as distance or time, e.g. for passenger transport, parking systems or car rental systems	<a href="#">G07B 15/02</a>
Registering or indicating the working of vehicles	<a href="#">G07C 5/00</a>
Traffic control systems for road vehicles	<a href="#">G08G 1/00</a>

DATE: JANUARY 1, 2024

PROJECT RP12195

Traffic control systems for road vehicles indicating the position of vehicles, e.g. scheduled vehicles	<a href="#">G08G 1/123</a>
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the Transportation economic Sector	<a href="#">G16Y 10/40</a>
Wireless communication networks services specially adapted for vehicles, e.g. vehicle-to-pedestrians [V2P]	<a href="#">H04W 4/40</a>

## **G06Q 50/43**

### **Definition statement**

*This place covers:*

Information and communication technology [ICT] specially adapted for the implementation of business processes for sharing one or more vehicles, e.g. cars, bicycles, scooters, boats, etc., by multiple users.

The following business processes are therefore covered, the list being non-exhaustive:

- providing multiple users temporary access to one or more vehicles for intermittent use, e.g. car sharing, bike sharing or scooter sharing;
- requesting use of a vehicle by a driver or operator of the vehicle.

### **References**

#### **Informative references**

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

Individual registration on entry or exit	<a href="#">G07C 9/00</a>
Traffic control systems for road vehicles indicating the position of vehicles, e.g. scheduled vehicles	<a href="#">G08G 1/123</a>

DATE: JANUARY 1, 2024

PROJECT RP12195

## **G06Q 50/47**

### **Definition statement**

*This place covers:*

Information and communication technology [ICT] specially adapted for the implementation of business processes for handling requests for transportation received from passengers.

For classification herein, a passenger is understood as a user other than a driver or operator of a vehicle used in providing transportation.

The following business processes are therefore covered, the list being non-exhaustive:

- handling requests from passengers for transportation by drivers of personal vehicles, e.g. ride sharing or ride hailing;
- pooling passengers for transportation to one or more destinations, e.g. carpooling or ride splitting.

### **References**

#### ***Informative references***

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

Route searching; Route guidance	<a href="#">G01C 21/34</a>
Taximeters	<a href="#">G07B 13/00</a>

## **G06Q 50/50**

### **Definition statement**

*This place covers:*

Information and communication technology [ICT] specially adapted for implementation of business processes for the communications sector.

DATE: JANUARY 1, 2024

PROJECT RP12195

**References**

***Limiting references***

*This place does not cover:*

Data switching networks; Charging arrangements	<a href="#">H04L 12/14</a>
Telephonic communication involving automatic or semiautomatic exchanges	<a href="#">H04M 3/00</a>
Arrangements for metering, time-control or time indication	<a href="#">H04M 15/00</a>
Prepayment telephone systems	<a href="#">H04M 17/00</a>
Services specially adapted for wireless communications networks; Accounting or billing	<a href="#">H04W 4/24</a>

***Informative references***

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

Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the Information technology or communications economic sector	<a href="#">G16Y 10/75</a>
Network arrangements or protocols for supporting network services or applications	<a href="#">H04L 67/00</a>
Services specially adapted for particular environments, situations or purposes; for the management of goods or merchandise	<a href="#">H04W 4/35</a>
Services specially adapted for particular environments, situations or purposes; for mass transport vehicles, e.g. buses, trains or aircraft	<a href="#">H04W 4/42</a>

DATE: JANUARY 1, 2024

PROJECT RP12195

**G06Q 50/60**

**Definition statement**

*This place covers:*

Information and communication technology [ICT] specially adapted for implementation of business processes for the postal services sector.

**References**

**Limiting references**

*This place does not cover:*

Shipping	<a href="#">G06Q 10/083</a>
Franking apparatus	<a href="#">G07B 17/00</a>

**Informative references**

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

Sorting postal items	<a href="#">B07C</a>
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## 2. A. DEFINITIONS (modified)

### G06Q 50/00

#### Definition statement

Replace: The entire Definition statement with the following new text:

Information and communication technology [ICT] specially adapted for implementation of business processes of a specific business sector. For purposes of classification herein, a business sector is understood as a grouping of businesses that perform similar operations or activities within a particular field.

#### Relationships with other classification places

Replace: The entire Relationships text with the following revised text:

Healthcare-related subject matter specially adapted for administrative, commercial, financial, managerial or supervisory purposes is classified under [G06Q 50/00](#), while subject matter for other purposes, such as digital computing or data processing equipment or methods specially adapted for calculating or processing of patient-related data is classified under [G16H](#). Genetic or protein-related data for scientific purposes is classified under [G16B](#).

Take care that as soon as medical considerations are relevant, e.g. making appointments with a doctor, [G16H](#) takes precedence, e.g. order of a series of appointments, such as blood test, then tomography, then doctor consultation.

Insert: The following new Glossary of terms section.

#### Glossary of terms

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

business processes	business operations or activities performed by
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DATE: JANUARY 1, 2024

PROJECT RP12195

	entities, e.g. organisations or enterprises, that operate for commercial, financial, industrial or professional purposes
business sector	an area of the economy in which entities share the same or related business activities, products or services

## **G06Q 50/02**

### **Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for implementation of business processes for the business sectors of agriculture, fishing, forestry or mining.

The following business processes are therefore covered, the list being non-exhaustive:

- managing the production of crops or the raising of animals, e.g. livestock or fish;
- catching or harvesting aquatic animals, or managing aquatic animals or the areas in which they live, e.g. fisheries;
- planting, harvesting, or managing forests or woodlands, or the resources therein, e.g. wildlife, timber, or water resources;
- managing or planning for the extraction of valuable minerals or other geological materials from the earth.

### **References**

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

#### ***Informative references***

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

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

Methods for working soil in agriculture or forestry	A01B 79/00
Methods of fertilising	A01C 21/00
Control of watering gardens, fields, sports grounds or the like	A01G 25/16
Animal Husbandry; Fishing	A01K
Automatic control systems specially adapted for earth or rock drilling operations, i.e. self-operating systems	E21B 44/00
Survey of boreholes or wells	E21B 47/00
Investigating or analysing earth materials by determining their chemical or physical properties	G01N 33/24
Sonar systems specially adapted for locating fish	G01S 15/96
Seismic or acoustic prospecting specially adapted for well-logging	G01V 1/40
Programme-control systems	G05B 19/00
Computer-aided design	G06F 30/00
Image or video recognition or understanding of terrestrial scenes	G06V 20/10
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the agriculture economic sector	G16Y 10/05
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the forestry economic sector	G16Y 10/10
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the fishing economic sector	G16Y 10/15
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the mining economic sector	G16Y 10/20

**G06Q 50/04**

**Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for implementation of business processes of the business of manufacturing.

DATE: JANUARY 1, 2024

PROJECT RP12195

**References**

***Informative references***

Replace: The Informative references table with the following revised table:

Data acquisition or data processing for additive manufacturing of workpieces or articles from metallic powder	B22F 10/80
Data acquisition or data processing for additive manufacturing of plastics	B29C 64/386
Data acquisition or data processing for additive manufacturing	B33Y 50/00
Machine control in manufacturing	G05B 19/00
Using design data to control Numerical control (NC) machines, e.g. CAD/CAM	G05B 19/4097
Computer-aided design [CAD]	G06F 30/00
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the manufacturing economic sector	G16Y 10/25
Electricity grids	H02J 3/00

**G06Q 50/06**

**Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for implementation of business processes for the business of supplying energy or water.

The following business processes are therefore covered, the list being non-exhaustive:

- determining charges reflecting a consumed quantity of power or energy or water;
- administrative or economic planning of energy or water supply;
- management of water rights;

DATE: JANUARY 1, 2024

PROJECT RP12195

- pricing for energy or water.

For purposes of classification herein, energy is understood as including the following subjects, the list being non-exhaustive:

- electricity, e.g. solar or wind;
- hydrogen energy;
- gas.

## References

### *Informative references*

Replace: The existing Informative references table with the following revised table:

Monitoring or controlling charging stations for electric vehicles, optimising energy costs	<a href="#">B60L 53/64</a>
Apparatus or devices for transferring liquids from bulk storage containers or reservoirs into vehicles or into portable containers, e.g. for retail sale purposes	<a href="#">B67D 7/00</a>
Arrangements of devices for controlling, indicating, metering or registering quantity or price of liquid transferred	<a href="#">B67D 7/08</a>
Treatment of water, waste water, sewage or sludge	<a href="#">C02F</a>
Installations or methods for obtaining, collecting or distributing water	<a href="#">E03B</a>
Gas-turbine plants; Air intakes for jet-propulsion plants; Controlling fuel supply in airbreathing jet-propulsion	<a href="#">F02C</a>
Wind Motors	<a href="#">F03D</a>
Air-conditioning control or safety arrangements responding to energy costs	<a href="#">F24F 11/47</a>
Tariff metering apparatus	<a href="#">G01D 4/00</a>
Measuring volume, volume flow, mass flow or liquid level; Metering by volume	<a href="#">G01F</a>
Power logging, e.g. metering	<a href="#">G01R 21/00</a>
Meteorology	<a href="#">G01W</a>
Apparatus with meter-controlled dispensing	<a href="#">G07F 15/00</a>
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the utilities economic sector	<a href="#">G16Y 10/35</a>
Systems for supplying, distributing, or storing electric power or energy	<a href="#">H02J</a>
Arrangements for controlling electric generators for the purpose of obtaining a desired output	<a href="#">H02P 9/00</a>

DATE: JANUARY 1, 2024

PROJECT RP12195

Generation of electric power by conversion of infrared radiation, visible light or ultraviolet lights, e.g. using photovoltaic [PV] modules	H02S
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**G06Q 50/08**

**Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for implementation of business processes of the business of construction.

Insert: The following new References/Informative references section:

**References**

**Informative references**

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

Preparing, conveying or working-up building materials or building elements in situ; Other devices or measures for constructional work	E04G 21/00
Architectural design, e.g. computer-aided architectural design [CAAD] related to design of buildings, bridges, landscapes, production plants or roads	G06F 30/13
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the construction economic sector	G16Y 10/30
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for homes or buildings economic sector	G16Y 10/80

DATE: JANUARY 1, 2024

PROJECT RP12195

## G06Q 50/12

### Definition statement

Replace: The first paragraph of the Definition statement text so that the entire text appears as follows:

Information and communication technology [ICT] specially adapted for lodging or particularly designed for use in an establishment serving food or drink to buyers.

Note:

Classification in this group requires some relationship to either the preparation or serving of food or drink. Incidental placement of a system in such an environment, e.g., an electronic cash register in a restaurant, does not of itself cause classification in this group.

Insert: The following new References/Informative references section:

### References

#### *Informative references*

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

Reservations, e.g. for tickets, services or events	G06Q 10/02
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## G06Q 50/14

### Definition statement

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for the business sector specially adapted for providing necessary arrangements or accommodation for travellers, e.g. tour guide planning.

### References

DATE: JANUARY 1, 2024

PROJECT RP12195

**Informative references**

Replace: The Informative references table with the following revised table:

Car Navigation	G01C 21/00
Reservations, e.g. for tickets, services or events	G06Q 10/02
Touring guides, maps	G09B 29/00
Mobile services, location-based services	H04W 4/02

**G06Q 50/16**

**Definition statement**

Replace: The entire Definition statement text with the following revised text:

Information and communication technology [ICT] specially adapted for the development or construction of buildings or to the process of buying and selling of land, including the natural resources and permanent buildings.

**G06Q 50/163**

**Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for implementation of business processes for the business of managing or overseeing real estate properties.

Included herein is the management of real estate properties such as apartments, single family homes, condominium units, shopping centres, industrial centres and the like. The management may be by owners of the real estate properties or on behalf of owners of the real estate properties.

DATE: JANUARY 1, 2024

PROJECT RP12195

Insert: The following new References/Informative references section:

**References**

***Informative references***

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

Insurance, e.g., against loss or damage	<a href="#">G06Q 40/08</a>
Systems controlled by a computer	<a href="#">G05B 15/00</a>
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for homes or buildings economic sector	<a href="#">G16Y 10/80</a>

**G06Q 50/18**

**Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for implementation of business processes for the business sector of providing legal services, e.g. work performed by a lawyer.

Delete: The entire References/Informative references section.

**G06Q 50/20**

**Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for implementation of business processes for the business sector of providing educational services.

**References**

Delete: The entire Limiting references section.

DATE: JANUARY 1, 2024

PROJECT RP12195

Insert: The following new Informative references section:

**Informative references**

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

Teaching equipment	G09B
Information and communication technology [ICT] specially adapted for the internet of things [IoT] for the education economic sector	G16Y 10/55

**G06Q 50/22**

**Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for providing services for engaging with individuals or communities in order to solve social problems, personal problems or promote social welfare.

Insert: The following new Relationships with other classification places section:

**Relationships with other classification places**

Details for social work or social welfare provided specifically by government entities may also be classified in group G06Q 50/26.

**G06Q 50/26**

**Definition statement**

Replace: The entire Definition statement text with the following new text:

Information and communication technology [ICT] specially adapted for the implementation of business processes for the provision of government or public services. For classification herein, a government or public service is a service provided by the government or for use by general public.

DATE: JANUARY 1, 2024

PROJECT RP12195

Insert: The following new Relationships with other classification places section:

**Relationships with other classification places**

Details for social work or social welfare may also be classified in group G06Q 50/22.

Insert: The following new References/Limiting references section:

**References**

***Limiting references***

*This place does not cover:*

Business processes related to transportation industry	G06Q 50/40
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CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

2. B. DEFINITIONS QUICK FIX

<b>Symbol</b>	<b>Location of change</b> (e.g., section title)	<b>Existing reference symbol or text</b>	<b>Action; New symbol; New text</b>
G06Q 50/28	Definition		<u>Delete</u> the entire Definition.
G06Q 50/30	Definition		<u>Delete</u> the entire Definition.
G06Q 50/32	Definition		<u>Delete</u> the entire Definition.

**Notes:**

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

*Reminder: Never delete F symbol definitions.*

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
C	G06Q 50/00	G06Q 50/00, G06Q 50/02, G06Q 50/06, G06Q 50/22
C	G06Q 50/26	G06Q 50/26, G06Q 50/40
D	G06Q 50/28	< administrative transfer to G06Q 10/08>
D	G06Q 50/30	< administrative transfer to G06Q 50/40>
D	G06Q 50/32	< administrative transfer to G06Q 50/60>
Q	G06Q 50/40	G06Q 10/083, G06Q 50/40, G06Q 50/43, G06Q 50/47, G06Q 50/50, H04L 12/14, H04M 3/00, H04M 15/00, H04M 17/00, H04W 4/24
Q	G06Q 50/60	G06Q 50/60, G06Q 10/083

\* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”)symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G06Q 50/163	G06Q 50/163	UPDATE
G06Q 50/28		DELETE
G06Q 50/30		DELETE
G06Q 50/32		DELETE
G06Q 50/40	G06Q 50/40	NEW
G06Q 50/43	G06Q 50/43	NEW
G06Q 50/47	G06Q 50/47	NEW
G06Q 50/50	G06Q 50/50	NEW
G06Q 50/60	G06Q 50/60	NEW

\* Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

CPC NOTICE OF CHANGES 1584

DATE: JANUARY 1, 2024

PROJECT RP12195

5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
G06Q 10/047	G06Q 50/30	Informative references	<u>Replace</u> with new symbol G06Q 50/40
G07B 17/00185	G06Q 50/32	Informative references	<u>Replace</u> table row text and symbol as follows:  Business processes related to postal services G06Q 50/60

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.