

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1391

DATE: FEBRUARY 1, 2023

PROJECT MP11769

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	G06	CLASS
	G06Q	SUBCLASS
	G06Q	90/00
Notes Modified:	G06	CLASS
	G06Q	SUBCLASS
	G16	CLASS
DEFINITIONS:		
Definitions Modified:	G06Q	SUBCLASS
	G06Q	20/00
	G06Q	50/00

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):

B65G, G06F, G07B, G08G, G16H, H04L, H04M

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

- 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)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

CLASS - G06 -COMPUTING; CALCULATING; COUNTING

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G06	Class	COMPUTING; CALCULATING OR COUNTING	

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</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G06Q	subclass	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	
M	G06Q 90/00	0	Systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes, not involving significant data processing	

*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.

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- **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.
- 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 finalization 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.

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C. New, Modified or Deleted Note(s)

CLASS G06 - COMPUTING; CALCULATING; COUNTING

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	G06	<p>1.This class <u>covers</u>:</p> <ul style="list-style-type: none"> -simulators which are concerned with the mathematics of computing the existing or anticipated conditions within the real device or system; -simulators which demonstrate, by means involving computing, the function of apparatus or of a system, if no provision exists elsewhere; -image data processing or generation. <p>2.This class <u>does not cover</u>:</p> <ul style="list-style-type: none"> -combinations of writing implements with computing devices, which are covered by group B43K29/08; -control functions derived from simulators, in general, which are covered by class G05, although such functions may be covered by the subclass of this class for the device controlled; -measurement or analysis of an individual variable to serve as an input to a simulator, which is covered by class G01; -simulators regarded as teaching or training devices which is the case if they give perceptible sensations having a likeness to the sensations a student would experience in reality in response to actions taken by him. Such simulators are covered by class G09; -components of simulators, if identical with real devices or machines, which are covered by the relevant subclass for these devices or machines and not by class G09. <p>3.In this class, the following terms or expressions are used with the meanings indicated:</p> <ul style="list-style-type: none"> -"data" is used as the synonym of "information". Therefore, the term "information" is not used in subclasses G06C, G06F or G06Q; -"calculating or computing" includes, <u>inter alia</u>, operations on numerical values and on data expressed in numerical form. 	<p>1. This class <u>covers</u>:</p> <ul style="list-style-type: none"> • simulators which are concerned with the mathematics of computing the existing or anticipated conditions within the real device or system; • simulators which demonstrate, by means involving computing, the function of apparatus or of a system, if no provision exists elsewhere; • image data processing or generation. <p>2. This class <u>does not cover</u>:</p> <ul style="list-style-type: none"> • combinations of writing implements with computing devices, which are covered by group B43K29/08; • control functions derived from simulators, in general, which are covered by class G05, although such functions may be covered by the subclass of this class for the device controlled; • measurement or analysis of an individual variable to serve as an input to a

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		<p>Of these terms "computing" is used throughout the class; -"computation" is derived from this interpretation of "computing". In the French language the term "calcul" will serve for either term; -"simulator" is a device which may use the same time scale as the real device or operate on an expanded or compressed time scale. In interpreting this term models of real devices to reduced or expanded scales are not regarded as simulators; -"record carrier" means a body, such as a cylinder, disc, card, tape, or wire, capable of permanently holding information, which can be read-off by a sensing element movable relative to the recorded information. 4. Attention is drawn to the Notes following the title of section G, especially as regards the definition of the term "variable".</p>	<p>simulator, which is covered by class G01;</p> <ul style="list-style-type: none"> • simulators regarded as teaching or training devices which is the case if they give perceptible sensations having a likeness to the sensations a student would experience in reality in response to actions taken by him. Such simulators are covered by class G09; • components of simulators, if identical with real devices or machines, which are covered by the relevant subclass for these devices or machines and not by class G09. <p>3. In this class, the following terms or expressions are used with the meanings indicated:</p> <ul style="list-style-type: none"> • "data" is used as the synonym of "information". Therefore, the term "information" is not used in subclass G06C; • "ICT [information and communication technology]" also covers "IT [information technology]"; • "calculating or computing" includes, inter alia, operations on numerical values and on data expressed in numerical form. Of
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			<p>these terms "computing" is used throughout the class;</p> <ul style="list-style-type: none">• "computation" is derived from this interpretation of "computing". In the French language, the term "calcul" will serve for either term;• "simulator" is a device which may use the same time scale as the real device or operate on an expanded or compressed time scale. In interpreting this term models of real devices to reduced or expanded scales are not regarded as simulators;• "record carrier" means a body, such as a cylinder, disc, card, tape or wire, capable of permanently holding information, which can be read-off by a sensing element movable relative to the recorded information. <p>4. Attention is drawn to the Notes following the title of section G, especially as regards the definition of the term "variable".</p>
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SUBCLASS G06Q - INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] , SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES; SYSTEMS OR METHODS SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY, NOT OTHERWISE PROVIDED FOR

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	G06Q	<p>1. Groups G06Q10/00 - G06Q50/00 and G06Q99/00 only cover systems or methods that involve significant data processing operations, i.e. data processing operations that need to be carried out by a technological, e.g. computing, system or device. Group G06Q90/00 covers systems or methods that do not involve significant data processing, when both of the following conditions are fulfilled:</p> <ul style="list-style-type: none"> -the systems or methods are specially adapted for the purposes mentioned in the subclass title or the titles of groups G06Q10/00 - G06Q50/00; and -the systems or methods cannot be classified elsewhere in the IPC, for example by applying the principles described in paragraph 96 of the Guide. When classifying such systems or methods in group G06Q90/00, additional classification may be made in the most closely related group of this or any other subclass, if this classification gives information about the application of the systems or methods that could be of interest for searching. Such non-obligatory classification must be given as "additional information". <p>2. When classifying in groups G06Q10/00 - G06Q40/00, systems or methods that are specially adapted for a specific business sector must also be classified in group G06Q50/00, when the special adaptation is determined to be novel and non-obvious.</p> <p>3. In this subclass, the first place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.</p>	<p>1. Groups G06Q10/00 - G06Q50/00 and G06Q99/00 only <u>cover</u> systems or methods that involve significant data processing operations, i.e. data processing operations that need to be carried out by a technological, e.g. computing, system or device. Group G06Q90/00 <u>covers</u> systems or methods that do not involve significant data processing, when both of the following conditions are fulfilled:</p> <ul style="list-style-type: none"> • the systems or methods are specially adapted for the purposes mentioned in the subclass title or the titles of groups G06Q10/00 - G06Q50/00; and • the systems or methods cannot be classified elsewhere, for example by applying the principles described in paragraph 96 of the Guide to the IPC. <p>2. When classifying such systems or methods in group G06Q90/00, additional classification may be made in the most closely related group of this or any other subclass, if this classification gives information about the application of the systems or methods that could be of interest for search. Such non-obligatory classification must be given as "additional information".</p>

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Class G16 - INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] SPECIALLY ADAPTED FOR SPECIFIC APPLICATION FIELDS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	G16	<p>1. This class does not cover:</p> <ul style="list-style-type: none"> a. pattern recognition, which is covered by group G06K 9/00; b. digital computing or data processing systems or methods specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes, which are covered by subclass G06Q; c. image data processing or generation, which is covered by subclass G06T. <p>2. In this class, the following terms or expressions are used with the meaning indicated:</p> <ul style="list-style-type: none"> a. ICT [information and communication technology] also covers IT [information technology]; b. "ICT specially adapted for" also covers the expression "digital computing or data processing systems or methods specially adapted for", which is used in group G06F 17/00 and in subclass G06Q. 	<p>1. This class does not cover:</p> <ul style="list-style-type: none"> a. pattern recognition, which is covered by group G06F 18/00; b. digital computing or data processing systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes, which are covered by subclass G06Q; c. image data processing or generation, which is covered by subclass G06T. <p>2. In this class, the following terms or expressions are used with the meaning indicated:</p> <ul style="list-style-type: none"> a. "ICT [information and communication technology]" also covers "IT [information technology]"; b. "ICT specially adapted for" also covers the expression "digital computing or data processing systems or methods specially adapted for", which is used in group G06F 17/00.

*N = new note, M = modified note, D = deleted note

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

2. A. DEFINITIONS (modified)

G06Q

Definition statement

Replace: The existing Definition statement text with the following updated text.

Data processing systems or methods that are specially adapted for managing, promoting or practicing commercial or financial activities.

Systems or methods not involving significant data processing (see definition for group G06Q 90/00) and specially adapted for managing, promoting, or practicing commercial or financial activities, provided that:

- the systems or methods are specially adapted for the purposes covered by the groups G06Q 10/00 – G06Q 50/00; and
- the systems or methods cannot be classified elsewhere in the CPC.

Special rules of classification

Replace: The existing Special rules of classification text with the following updated text.

When different aspects/parts of a document should be classified in different subgroups, more than one symbol is to be allocated.

Attention is drawn to the special rules of classification in group G06Q 90/00, reserved for systems or methods not involving significant data processing, and for G06Q 99/00, reserved for new technologies (e.g. q-bits computers for a special business purpose).

Whenever a document does not contain more than general statements/information/notorious features (e.g. automation using a computer), and no particular technical adaptation can be understood/no particular combination of technical features is found or inferred, the document can be classified in one of the main groups, i.e. G06Q 10/00.

In this subclass, Indexing Codes G06Q 2220/00 and subdivisions, as well as G06Q 2250/00 and subdivisions, are used.

Due to their character of Indexing Codes, they can be used only for additional information and only in association with other symbols of G06Q.

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G06Q 20/00

Definition statement

Insert: A colon at the end of the second paragraph of the Definition statement.

Complete systems involving payment protocols, e.g.:

Relationships with other classification places

Replace: The existing Relationships text with the following updated text.

This group covers "payment protocols" with the meaning explained in the Glossary below.

It does not cover the generic network protocols, e.g. Internet protocols, which are instead classified in [H04L 9/40](#), but it covers those network/secure protocols specially adapted for payments, which may be of lower layer or be security oriented.

Delete: The entire Special rules of classification section.

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G06Q 50/00

Relationships with other classification places

Replace: The first paragraph of the Relationships section with the following updated paragraph.

Health care 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](#) or genetic or protein-related data for scientific purposes is classified under [G16B](#).

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References

Delete: The entire Informative references section.

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

Healthcare informatics	G16H
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Special rules of classification

Replace: The existing Special rules of classification text with the following updated text.

When no special adaptation has taken place, no group under [G06Q 50/00](#) should be allocated.

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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>
B65G47/46	G06Q	Informative references	<u>Replace</u> the existing text with the following updated text. Systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes
G06F15/16	G06Q	Informative references	<u>Replace</u> the existing text with the following updated text. 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
G06F21/00	G06Q	Informative references	<u>Replace</u> the existing text with the following updated text. Systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes
G07B17/00	G06Q	Limiting references	<u>Delete</u> this entire reference from the Limiting references table.
G07B17/00	G06Q	Informative references	<u>Replace</u> the existing text with the following updated text. Systems and methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes

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G08G1/09	G06Q90/00	Informative references	<p><u>Replace</u> the existing text with the following updated text.</p> <p>Systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes, not involving significant data processing</p>
G08G1/20	G06Q		<p><u>Delete</u> the entire reference with the following text from the Informative references table.</p> <p>Organisation G06Q</p>
G08G1/20	G06Q	Informative references	<p><u>Replace</u> the existing text:</p> <p>Organisation (data processing systems or methods, specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes)</p> <p><u>with the following updated text:</u></p> <p>Organisation (systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes)</p>
G08G1/20	G06Q90/00	Informative references	<p><u>Replace</u> the existing text with the following updated text.</p> <p>Systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes, not involving significant data processing</p>
G16H	G06Q	Informative references	<p><u>Replace</u> the existing text with the following updated text.</p> <p>Systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes</p>
H04L12/14	G06Q	Relationships with other classification places	<p><u>Replace</u> the existing text after “G06Q” with the following updated text.</p>

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			: systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes.
H04M15/00	G06Q	Relationships with other classification places	<u>Replace</u> the existing text with the following updated text. Payment schemes, architectures or protocols, data processing systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes.
H04M17/00	G06Q	Relationships with other classification places	<u>Replace</u> the existing text with the following updated text. Payment schemes, architectures or protocols, data processing systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes.

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.