EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 907

DATE: AUGUST 1, 2020

PROJECT RP0224

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

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted:	G06F	2011/2278
Titles Changed:	G06F	11/0766
	G06F	17/40
Warnings Deleted:	G06F	17/40
DEFINITIONS:		
Definitions New:	G06F	11/0766
Definitions Modified:	G06F	3/1234
	G06F	11/30
	G06F	17/40

No other subclasses/groups are impacted by this Notice of Changes.

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)

SUBCLASS G06F - ELECTRIC DIGITAL DATA PROCESSING (computer systems based on specific computational models G06N)

Type *	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G06F 11/0766	3	{Error or fault reporting or storing}	
D	G06F 2011/2278	3	{Power-On Test, e.g. POST}	\<administrative transfer to G06F11/2284 ADD\>
M	G06F 17/40	1	Data acquisition and logging (for input to computer G06F 3/00)	

*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.
- 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.

B. New, Modified or Deleted Warning(s)

SUBCLASS G06F - ELECTRIC DIGITAL DATA PROCESSING (computer systems based on specific computational models G06N)

Type*	Location	Old Warning	New/Modified Warning
D	G06F 17/40	This group is no longer used for the classification of new documents. The documents are classified in the application fields according to the references above	Delete: The entire Warning.

*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)

Insert: The following new Definition.

G06F 11/0766

References

Informative references

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

Monitoring per se, reporting or storing of non-error data	G06F 11/30, G06F 11/34

2. A. DEFINITIONS (modified)

G06F17/40

Insert: The following new Definition statement and Relationships with other classification places sections.

Definition statement

This place covers:

Logging and acquisition of digital data.

Data logging, the act of storing and possibly organising collected data in such a way that some (temporal) ordering between the data is kept.

Log processing that is independent of the semantics of the log content.

Relationships with other classification places

In case the representation of the data is changed during the act of storing, this change process is considered data conversion. Data conversion in general, i.e. whereby the same information is represented with a different sequence or number of digits is classified in H03M 7/00.

References
Limiting references

This place does not cover:

Replace: The existing Limiting references table with the following new table.

Input arrangements for transferring data to be processed into a form capable of being handled by the computer	G06F 3/00

Insert: The following new Application-oriented references and Informative references sections.

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Flight recorders and related data acquisition	B64D 45/00
Error or fault reporting or storing in computer systems	G06F 11/0766
Logging of test results	G06F 11/2268
Monitoring of computer systems	G06F 11/30
Storage of video surveillance data	G08B 13/19665
Arrangements monitoring consumption of a utility or use of an appliance which consumes a utility to detect unsafe condition, e.g. metering of water, gas or electricity, use of taps, toilet flush, gas stove or electric kettle	G08B 21/0484
Data acquisition and logging in alarm systems	G08B 25/00, G08B 26/00
Management of faults or events or alarms in packet switching networks involving network fault data acquisition and logging	H04L 41/06
Arrangements for monitoring packet switching networks involving capturing and processing of network packets	H04L 43/00
Scanning of documents	H04N 1/00
Arrangements in telecontrol or telemetry systems for selectively calling a substation from a main station, in which substation desired apparatus is selected for obtaining measured values therefrom	H04Q 9/00

Informative references

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

Digital input using the sampling of an analogue quantity at regular intervals of time	G06F 3/05
Reading record carriers	G06K 7/00
Record carriers as such	G06K 19/00
Conversion of a code in general, e.g. compression of data	H03M 7/00

Special rules of classification

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

Data acquisition normally always is linked to a particular application in the form of specifying what data is being acquired or from what entity data is being acquired and must be classified with those applications.

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
G06F 3/1234	Limiting references	Device malfunctions which do not involve sending a print job. G06F 11/0766.	Delete: The following Limiting references table row. Device malfunctions which do not involve sending a print job. G06F 11/0766.
G06F 11/30	Limiting references	Thermal management in cooling means G06F 1/206 Power management G06F 1/3203 Monitoring for error detection G06F 11/0751 Verification or detection of system hardware configuration G06F 11/2002 Monitoring intrusion in a computer system G06F 21/566 Monitoring of control systems G05B 23/02 Network security. Monitoring network traffic H04L 29/06877 Network monitoring H04L 43/00	Delete: The entire Limiting references section.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
		Monitoring testing in wireless networks H04W 24/00	
G06F 11/30	Informative references		Insert: The following new Informative references section and table. ***Informative references*** *Attention is drawn to the following places, which may be of interest for search:* Thermal management in cooling means G06F 1/206 Power management G06F 1/3203 Monitoring for error detection G06F 11/0751 Verification or detection of system hardware configuration G06F 11/2002 Monitoring intrusion in a computer system G06F 21/566

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
			Monitoring of control systems G05B 23/02 Network security. Monitoring network traffic H04L 29/06877 Network monitoring H04L 43/00 Monitoring testing in wireless networks H04W 24/00

NOTES:
- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	G06F 2011/2278	<administrative transfer to G06F11/2284 ADD>

* 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.

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

CPC	**IPC**	**Action***
G06F 2011/2278		DELETE

*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.