

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1175

DATE: JANUARY 1, 2022

PROJECT MP0505

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:	G06F	1/00, 1/02, 1/025, 1/1635, 1/1637, 1/1643, 1/1675, 1/169, 1/18, 1/181, 1/182, 1/183, 1/184, 1/185, 1/186, 1/187, 1/188, 1/3203
DEFINITIONS:		
Definitions New:	G06F	1/02, 1/025, 1/1643, 1/184, 1/188
Definitions Modified:	G06F	1/00, 1/1635, 1/1637, 1/1675, 1/169, 1/18, 1/181, 1/182, 1/183, 1/185, 1/186, 1/187

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)

CPC NOTICE OF CHANGES 1175

DATE: JANUARY 1, 2022

PROJECT MP0505

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS G06F – ELECTIC DIGITAL DATA PROCESSING

<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>
M	G06F1/00	0	Details not covered by groups G06F3/00 - G06F13/00 and G06F21/00 (architectures of general purpose stored program computers G06F15/76)	
M	G06F1/02	1	Digital function generators	
M	G06F1/025	2	for functions having two-valued amplitude, e.g. Walsh functions	
M	G06F1/1635	4	{Details related to the integration of battery packs and other power supplies such as fuel cells or integrated AC adapter}	
M	G06F1/1637	4	{Details related to the display arrangement, including those related to the mounting of the display in the housing}	
M	G06F1/1643	5	{the display being associated to a digitizer, e.g. laptops that can be used as penpads (details related to the relative motion of the display enclosure with respect to the body enclosure, e.g. to move between laptop and tablet PC configuration G06F1/1615)}	
M	G06F1/1675	4	{Miscellaneous details related to the relative movement between the different enclosures or enclosure parts}	
M	G06F1/169	5	{the I/O peripheral being an integrated pointing device, e.g. trackball in the palm rest area, mini-joystick integrated between keyboard keys, touch pads or touch stripes (G06F1/1643 takes precedence; constructional details of pointing devices G06F3/033)}	
M	G06F1/18	2	Packaging or power distribution	
M	G06F1/181	3	{Enclosures (for portable computers G06F1/1613)}	
M	G06F1/182	4	{with special features, e.g. for use in industrial environments; grounding or shielding against radio frequency interference [RFI] or electromagnetic interference [EMI]}	
M	G06F1/183	3	{Internal mounting support structures, e.g. for printed circuit boards, internal connecting means (for buses G06F13/409)}	

CPC NOTICE OF CHANGES 1175

DATE: JANUARY 1, 2022

PROJECT MP0505

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G06F1/184	4	{Mounting of motherboards}	
M	G06F1/185	4	{Mounting of expansion boards}	
M	G06F1/186	4	{Securing of expansion boards in correspondence to slots provided at the computer enclosure}	
M	G06F1/187	4	{Mounting of fixed and removable disk drives}	
M	G06F1/188	4	{Mounting of power supply units}	
M	G06F1/3203	3	Power management, i.e. event-based initiation of a power-saving mode	

*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.

2. A. DEFINITIONS (new)

G06F 1/02

References

Informative references

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

Evaluating functions by calculating only	G06F 7/544 , G06F 7/60
Generating sawtooth or staircase waveforms	H03K 4/00

G06F 1/025

References

Informative references

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

Generation of pulse trains in general	H03K 3/00
---------------------------------------	---------------------------

DATE: JANUARY 1, 2022

PROJECT MP0505

G06F 1/1643

References

Limiting references:

This place does not cover:

Movement typologies	G06F 1/1615
---------------------	-------------

Informative references

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

Touchpads integrated in a laptop or similar computer	G06F 1/169
Secondary touch screen	G06F 1/1692

G06F 1/184

References

Informative references

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

Housings for circuits carrying a CPU and adapted to receive expansion cards	H05K 7/1429
---	-----------------------------

G06F 1/188

References

CPC NOTICE OF CHANGES 1175

DATE: JANUARY 1, 2022

PROJECT MP0505

Informative references

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

Power supply for computers	G06F 1/26
----------------------------	---------------------------

2. A. DEFINITIONS (modified)

G06F 1/00

Definition statement

Insert: New Definition statement and text.

Details not covered by groups G06F 3/00-G06F 13/00 and G06F 21/00

References

Delete: Informative references section and table.

Replace: Existing Limited references with the updated section below.

Limiting references:

This place does not cover:

Architectures of general purpose stored program computers	G06F 15/76
---	---------------

G06F 1/1635

References

Delete: Limiting references section and table.

Informative references:

Insert: The following new row in the Informative references table.

Details of mounting batteries in general	H01M 50/20
--	------------

G06F 1/1637

References

Delete: Limiting references section and table.

DATE: JANUARY 1, 2022

PROJECT MP0505

Informative references:Insert: The following new rows to the Informative references table.

Constructional details related to the housing of computer displays in general	G06F 1/1601
Accessories mechanically attached to the display housing portion of portable computers	G06F 1/1603 - G06F 1/1611

G06F 1/1675**References**Delete: Limiting references section and table.**Informative references:**Insert: The following new row to the Informative references table.

Movement typologies	G06F 1/1615
---------------------	-----------------------------

G06F 1/169**References****Limiting references:**Replace: Existing Limiting references table with the modified one below.

Touchscreens	G06F 1/1643
Constructional details of pointing devices	G06F 3/033

Informative references:Insert: The following new row to the Informative references table.

Joysticks in general	G05G 9/047
----------------------	----------------------------

G06F 1/18

References

Delete: Limiting references section and table.

Insert: New Informative references section and table.

Informative references:

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

Cases or housings for electrical apparatuses in general	H05K, H02J
---	----------------------------

G06F 1/181

References

Limiting references:

Delete: The following row from the Limiting references table.

Enclosures for electrical apparatuses in general	H05K 5/00
--	---------------------------

Insert: New Informative references section and table.

Informative references:

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

Enclosures for electrical apparatuses in general	H05K 5/00
--	---------------------------

G06F 1/182

Definition statement

Replace: Existing Definition statement with the modified one below.

DATE: JANUARY 1, 2022

PROJECT MP0505

Enclosures for non-standard computers, e.g. industrial computers, computers specifically adapted to special environments.

References

Delete: Limiting references section and table.

Insert: New Informative references section and table.

Informative references:

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

Shielding against electromagnetic interference in general	H05K 9/00
---	---------------------------

G06F 1/183

References

Limiting references:

Delete: The following rows from the Limiting references table.

Internal mounting structures for portable computers	G06F 1/1656
Mounting structures for printed circuits in general	H05K 7/1422

Informative references:

Insert: New Informative references section and table.

Mounting structures for printed circuits in general	H05K 7/1422
---	-----------------------------

G06F 1/185

References

Delete: Limiting references section and table.

Insert: New Informative references section and table.

Informative references:

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

Mounting of expansion boards in general	H05K 7/1417
---	-----------------------------

G06F 1/186

References

Delete: Limiting references section and table.

Insert: New Informative references section and table.

Informative references:

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

Securing of expansion boards in general	H05K 7/1402
---	-----------------------------

G06F 1/187

References

Delete: Limiting references section and table.

Insert: New Informative references section and table.

Informative references:

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

Constructional details of disk drives housings in general	G11B 33/00
---	----------------------------