

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1465

DATE: MAY 1, 2023

PROJECT RP0350-F

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:	H04L	27/2608, 27/2611
Warnings Deleted:	H04L	5/0044, 5/0048
	H04L	27/2602, 27/26025, 27/2603, 27/26035, 27/2608, 27/261, 27/2611, 27/2613, 27/26132, 27/26134, 27/26136, 27/262, 27/2626, 27/26265, 27/2628, 27/263, 27/2631, 27/2633, 27/2634, 27/2636, 27/26362, 27/264, 27/26412, 27/26414, 27/26416, 27/2649, 27/265, 27/2651, 27/26522, 27/26524, 27/26532, 27/26534, 27/26542, 27/26544, 27/26546, 27/2681, 27/26885

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 H04L – TRANSMISSION OF DIGITAL INFORMATION**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0,</u> <u>1, 2)</u>	<u>Title</u> <u>“CPC only” text should</u> <u>normally be enclosed in {curly</u> <u>brackets}**</u>	<u>Transferred to#</u>
D	H04L 27/2608	4	{Allocation of payload}	<no transfer>
D	H04L 27/2611	5	{Distribution thereof}	<no transfer>

\*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 H04L – TRANSMISSION OF DIGITAL INFORMATION**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H04L5/0044	Groups H04L5/0044 and H04L5/0046 are incomplete pending reclassification of documents from group	Delete entire warning

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<b>Type*</b>	<b>Location</b>	<b>Old Warning</b>	<b>New/Modified Warning</b>
		H04L27/2608. Group H04L27/2608, H04L5/0044 and H04L5/0046 should be considered in order to perform a complete search.	
D	H04L5/0048	Groups H04L5/0048-H04L5/0051 are incomplete pending reclassification of documents from group H04L27/2611. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2602	Group H04L27/2602 is impacted by reclassification into groups H04L27/26025, H04L27/2603, and H04L27/26035. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26025	Group H04L27/26025 is incomplete pending reclassification of documents from group H04L27/2602. Groups H04L27/2602 and H04L27/26025 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2603	Group H04L27/2603 is incomplete pending reclassification of documents from group H04L27/2602. Groups H04L27/2602 and H04L27/2603 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26035	Group H04L27/26035 is incomplete pending reclassification of documents from group H04L27/2602. Groups H04L27/2602 and H04L27/26035 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2608	Group H04L 27/2608 is no longer used for the classification of documents as of January 1, 2021. The content of this group is being reclassified into groups H04L 5/0044 and H04L 5/0046. Groups H04L 27/2608, H04L 5/0044 and H04L 5/0046 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/261	Group H04L 27/261 is incomplete pending reclassification of documents from group H04L 27/262. Groups H04L 27/262 and H04L 27/261 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2611	Group H04L 27/2611 is no longer used for the classification of documents as of January 1, 2021. The content of this group is being reclassified into groups H04L 5/0048, H04L 5/005, and H04L 5/0051. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2613	Group H04L 27/2613 is incomplete pending reclassification of documents from group H04L 27/262. Group H04L 27/2613 is also impacted by reclassification into groups H04L 27/26132, H04L 27/26134, and H04L 27/26136. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26132	Group H04L 27/26132 is incomplete pending reclassification of documents from groups H04L 27/2613 and H04L 27/262. Groups H04L 27/2613, H04L 27/262, and H04L 27/26132	Delete entire warning

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<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning</u></b>	<b><u>New/Modified Warning</u></b>
		should be considered in order to perform a complete search.	
D	H04L27/26134	Group H04L 27/26134 is incomplete pending reclassification of documents from groups H04L 27/2613 and H04L 27/262. Groups H04L 27/2613, H04L 27/262, and H04L 27/26134 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26136	Group H04L 27/26136 is incomplete pending reclassification of documents from groups H04L 27/2613 and H04L 27/262. Groups H04L 27/2613, H04L 27/262, and H04L 27/26136 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/262	Group H04L 27/262 is impacted by reclassification into groups H04L 27/261, H04L 27/2613, H04L 27/26132, H04L 27/26134, and H04L 27/26136. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2626	Group H04L 27/2626 is impacted by reclassification into group H04L 27/26265. Groups H04L 27/2626 and H04L 27/26265 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26265	Group H04L 27/26265 is incomplete pending reclassification of documents from group H04L 27/2626. Groups H04L 27/2626 and H04L 27/26265 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2628	Group H04L 27/2628 is impacted by reclassification into groups H04L 27/2634, H04L 27/2636 and H04L 27/26362. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/263	Group H04L 27/263 is impacted by reclassification into groups H04L 27/2634, H04L 27/2636 and H04L 27/26362. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2631	Group H04L 27/2631 is impacted by reclassification into groups H04L 27/2634, H04L 27/2636 and H04L 27/26362. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2633	Group H04L 27/2633 is impacted by reclassification into groups H04L 27/2634, H04L 27/2636 and H04L 27/26362. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2634	Group H04L 27/2634 is incomplete pending reclassification of documents from group H04L 27/2628, H04L27/263, H04L27/2631 and H04L27/2633.	Delete entire warning

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<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning</u></b>	<b><u>New/Modified Warning</u></b>
		Group H04L 27/2634 is also impacted by reclassification into group H04L 27/26362. All groups listed in this Warning should be considered in order to perform a complete search.	
D	H04L27/2636	Group H04L 27/2636 is incomplete pending reclassification of documents from group H04L 27/2628, H04L27/263, H04L27/2631 and H04L27/2633. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26362	Group H04L 27/26362 is incomplete pending reclassification of documents from groups H04L 27/2628, H04L27/263, H04L27/2631 and H04L27/2633, and H04L 27/2634. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/264	Group H04L 27/264 is impacted by reclassification into groups H04L 27/26412, H04L 27/26414, and H04L 27/26416. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26412	Group H04L 27/26412 is incomplete pending reclassification of documents from group H04L 27/264. Groups H04L 27/264 and H04L 27/26412 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26414	Group H04L 27/26414 is incomplete pending reclassification of documents from group H04L 27/264. Groups H04L 27/264 and H04L 27/26414 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26416	Group H04L 27/26416 is incomplete pending reclassification of documents from group H04L 27/264. Groups H04L 27/264 and H04L 27/26416 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2649	Group H04L 27/2649 is impacted by reclassification into groups H04L 27/26524, H04L 27/26526, H04L 27/26532, H04L 27/26534, H04L 27/26536, H04L 27/26538, H04L 27/2654, H04L 27/26542, H04L 27/26544, and H04L 27/26546. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/265	Group H04L 27/265 is impacted by reclassification into groups H04L 27/2651, H04L 27/26522, H04L 27/26524, and H04L 27/26526. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2651	Group H04L 27/2651 is incomplete pending reclassification of documents from group H04L 27/265. Groups H04L 27/265 and H04L 27/2651 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26522	Group H04L 27/26522 is incomplete pending reclassification of documents from group H04L 27/265.	Delete entire warning

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<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning</u></b>	<b><u>New/Modified Warning</u></b>
		Groups H04L 27/265 and H04L 27/26522 should be considered in order to perform a complete search.	
D	H04L27/26524	Groups H04L 27/26524 and H04L 27/26526 are incomplete pending reclassification of documents from group H04L 27/2649 and H04L 27/265. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26532	Group H04L 27/26532 is incomplete pending reclassification of documents from group H04L 27/2649. Groups H04L 27/2649 and H04L 27/26532 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26534	Groups H04L 27/26534-H04L 27/2654 are incomplete pending reclassification of documents from group H04L 27/2649. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26542	Group H04L 27/26542 is incomplete pending reclassification of documents from group H04L 27/2649. Groups H04L 27/2649 and H04L 27/26542 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26544	Group H04L 27/26544 is incomplete pending reclassification of documents from group H04L 27/2649. Groups H04L 27/2649 and H04L 27/26544 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26546	Group H04L 27/26546 is incomplete pending reclassification of documents from group H04L 27/2649. Groups H04L 27/2649 and H04L 27/26546 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/2681	Group H04L 27/2681 is impacted by reclassification into group H04L 27/26885. Groups H04L 27/2681 and H04L 27/26885 should be considered in order to perform a complete search.	Delete entire warning
D	H04L27/26885	Group H04L 27/26885 is incomplete pending reclassification of documents from group H04L 27/2681. Groups H04L 27/2681 and H04L 27/26885 should be considered in order to perform a complete search.	Delete 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.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 27/2608		DELETE
H04L 27/2611		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.