

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 190

DATE: MAY 1, 2016

PROJECT MP0151

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

| <u>Action</u> | <u>Subclass</u> | <u>Group(s)</u> |
|------------------------------------|-----------------|-----------------|
| Title wording changes: | H04L | 61/1529 |
| | H04L | 61/1564 |
| | H04L | 61/20 |
| | H04L | 61/25 |
| | H04L | 61/2592 |
| | H04L | 61/307 |
| | H04L | 61/6027 |
| | | |
| Indent change: | H04L | 61/2592 |
| | | |
| Scheme Note to be modified: | H04L | 61/00 |

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 Notice(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. 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, e.g. TELEGRAPHIC COMMUNICATION (typewriters B41J; order telegraphs, fire or police telegraphs G08B; visual telegraphy G08B, G08C; teleautographic systems G08C; ciphering or deciphering apparatus per se G09C; coding, decoding or code conversion, in general H03M; arrangements common to telegraphic and telephonic communication H04M; selecting H04Q)

| <u>Type*</u> | <u>Symbol</u> | <u>Indent Level Number of dots (e.g. 0, 1, 2)</u> | <u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u> |
|--------------|---------------|---|--|
| M | H04L61/1529 | 3 | {using voice over internet protocol [VoIP] directories, e.g. session initiation protocol [SIP] registrar or H.323 gatekeeper (real-time signaling or sessions protocols H04L65/1003)} |
| M | H04L61/1564 | 2 | {Directories for electronic mail or instant messaging (arrangements for user-to-user messaging in packet-switching networks H04L51/00)} |
| M | H04L61/20 | 1 | {Address allocation (configuration management of network or network elements H04L41/08)} |
| M | H04L61/25 | 1 | {mapping of addresses of the same type; address translation} |
| M | H04L61/2592 | 3 | {involving tunneling or encapsulation (providing a confidential data exchange among entities communicating through data packet networks H04L63/04)} |
| M | H04L61/307 | 3 | {E-mail addresses (arrangements for user-to-user messaging in packet-switching networks H04L51/00)} |
| M | H04L61/6027 | 3 | {Control area network [CAN] identifiers (electric circuits specially adapted for vehicles for transmission of signals between vehicle parts and subsystems B60R16/023)} |

*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; E= 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).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except “D” which requires only a symbol.
- #“Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.

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- 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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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C. New, Modified or Deleted Note(s)

SUBCLASS H04L - TRANSMISSION OF DIGITAL INFORMATION, e.g. TELEGRAPHIC COMMUNICATION (typewriters B41J; order telegraphs, fire or police telegraphs G08B; visual telegraphy G08B, G08C; teleautographic systems G08C; ciphering or deciphering apparatus per se G09C; coding, decoding or code conversion, in general H03M; arrangements common to telegraphic and telephonic communication H04M; selecting H04Q)

| <u>Type*</u> | <u>Location</u> | <u>Old Note</u> | <u>New/Modified Note</u> |
|--------------|-----------------|--|---|
| M | H04L61/00 | This group does not cover: Aspects relating to switching or routing which are classified in H04L12/56 .Aspects relating to configuration management of data networks or network elements in general which are classified in H04L12/2424.Aspects of addressing in telephony which are classified in H04M7/00 .Aspects of addressing within devices, e.g. process or memory, which are classified in G06F13/42 or G06F12/00 . | This group <u>does not cover</u> : <ul style="list-style-type: none"> • Aspects relating to switching or routing which are classified in H04L45/00 or H04L49/00, respectively. • Aspects relating to configuration management of data networks or network elements in general which are classified in H04L41/08. • Aspects of addressing in telephony which are classified in H04M7/00. Aspects of addressing within devices, e.g. process or memory, which are classified in G06F13/42 or G06F12/00. |

*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.