

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1757

DATE: MAY 1, 2025

PROJECT DP12421

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions Modified:	H04L	51/00
	H04L	63/00, 63/04, 63/0421, 63/0853, 63/1441, 63/20, 63/30, 63/304
	H04L	67/565

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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2. A. DEFINITIONS (modified)

H04L 51/00

References

Replace: The existing Informative references table with the following updated table.

Informative references

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

Message passing systems or structure for program control, e.g. messaging middleware	G06F 9/546
Computer aided management of electronic mailing [e-mailing]	G06Q 10/107
User interfaces specially adapted for cordless or mobile telephones with interactive means for internal management of messages	H04M 1/7243
Voice mail systems for recording message comprising any combination of audio and non-audio components	H04M 3/5307
Client devices for e-mailing in television systems	H04N 21/4786
Messaging; Mailboxes; Announcements	H04W 4/12
Messaging devices for wireless communication networks, e.g. message centre	H04W 88/184

H04L 63/00

References

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

Limiting references

This place does not cover:

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Cryptographic mechanisms or cryptographic arrangements for secret or secure communication	H04L 9/00
Security arrangements for protecting computers or computer systems against unauthorised activity	G06F 21/00
Network architectures or network communication protocols for wireless network security	H04W 12/00

Replace: The existing Informative references table with the following updated table.

Informative references

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

Non security aspects of VPN	H04L 12/4641
Restricting access to network management systems or functions, e.g. using authorisation function to access network configuration	H04L 41/28
Arrangements for monitoring or testing data switching networks	H04L 43/00
Monitoring or handling of messages using filtering or selective blocking	H04L 51/212
Unsolicited communication attempts in real-time communications, e.g. spam in IP telephony [SPIT]	H04L 65/1079
Protocols specially adapted for proprietary and special purpose networking	H04L 67/12
Fittings or systems for preventing or indicating unauthorized use or theft of vehicles	B60R 25/00
Operating or controlling locks or other fastening devices by electric or magnetic means	E05B 47/00
Payment schemes, architectures or protocols	G06Q 20/00
Burglar, theft and intruder alarms	G08B 13/00

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Alarms responsive to two or more different undesired or abnormal conditions, e.g. burglary and fire, abnormal temperature and abnormal rate of flow	G08B 19/00
Alarm systems in which the location of the alarm condition is signalled to a central station, e.g. fire or police telegraphic systems	G08B 25/00
Lawful interception of plain old telephony systems [POTS] calls	H04M 3/2281
Secrecy in the context of scanning, transmission or reproduction of documents or the like	H04N 1/44
Analogue secrecy and Subscription systems in television systems	H04N 7/16
Selective content distribution, e. g. interactive television, video on demand [VOD] involving stream encryption	H04N 21/2347

Replace: The existing Glossary of terms table with the following updated table.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

RFC 4949	internet security glossary, version 2; definition of internet security terms
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H04L 63/04

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

Relationships with other classification places

Protecting privacy or anonymity	H04W 12/02
Protecting confidentiality, e.g. by encryption	H04W 12/03

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References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Security arrangements for protecting computers, components thereof, programs or data against unauthorised activity for protecting data	G06F 21/60
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H04L 63/0421

References

Delete: The entire Limiting references section.

H04L 63/0853

References

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

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Cryptographic mechanisms or cryptographic arrangements for entity authentication involving additional secure or trusted devices	H04L 9/3234
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Replace: The existing Informative references table with the following updated table.

Informative references

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

Digital data processing restricting access to computer systems by authenticating users, devices or programs using a predetermined code in combination with an additional device	G06F 21/123
Authentication involving the use of external additional devices, e.g. dongles or smart cards	G06F 21/34
Payment schemes, architectures or protocol using wireless devices	G06Q 20/32
Active credit cards provided with means to personalise their use, e.g. with PIN-introduction/comparison system	G07F 7/1008

[H04L 63/1441](#)

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

Definition statement

This place covers:

Countering attacks or malicious traffic.

References

Insert: The following new Limiting references section.

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Limiting references

This place does not cover:

Countermeasures against attacks on cryptographic mechanisms	H04L 9/002
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[H04L 63/20](#)

References

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

Filtering policies	H04L 63/0227
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Replace: The existing Informative references table with the following updated table.

Informative references

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

Restricting access to network management systems or functions, e.g. using authorization function to access network configuration	H04L 41/28
Negotiation of communication capabilities	H04L 69/24

[H04L 63/30](#)

References

Insert: The following new Limiting references section.

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Limiting references

This place does not cover:

Call tracing; Detection or prevention of malicious calls	H04M 3/2281
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Delete: The entire Informative references section.

Replace: The existing Glossary of terms table with the following updated table.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

handover interface	lawful interception handover interface HI1, HI2 and HI3 to hand over warrant, intercept related information and communication content between service provider and lawful authorities
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H04L 63/304

References

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

Lawful interception of wireless communication including protecting privacy or anonymity, e.g. protecting personally identifiable information [PII]	H04W 12/02
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Replace: The existing Informative references table with the following updated table.

Informative references

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

Arrangements enabling lawful interception [LI]	H04W 12/80
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H04L 67/565

References

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

Limiting references

This place does not cover:

Arrangements for adding application control or application functional data	H04L 67/561
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Replace: The existing Informative references table with the following updated table.

Informative references

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

Message adaptation based on network or terminal capabilities	H04L51/06
Media manipulation, adaptation or conversion in real-time communications	H04L65/75
Protocol conversion	H04L69/08
Optimising visualisation of content for web browsing	G06F16/9577

Delete: The entire Special rules section.