

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 957

DATE: JANUARY 1, 2021

PROJECT RP0702

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	H04M	1/723, 1/72519, 1/72522, 1/72525, 1/72527, 1/7253, 1/72533, 1/72536, 1/72538, 1/72541, 1/72544, 1/72547, 1/7255, 1/72552, 1/72555, 1/72558, 1/72561, 1/72563, 1/72566, 1/72569, 1/72572, 1/72575, 1/72577, 1/7258, 1/72583, 1/72586, 1/72588, 1/72591, 1/72594, 1/72597
Symbols New:	H04M	1/71, 1/715, 1/724, 1/72403, 1/72406, 1/72409, 1/72412, 1/72415, 1/72418, 1/72421, 1/72424, 1/72427, 1/7243, 1/72433, 1/72436, 1/72439, 1/72442, 1/72445, 1/72448, 1/72451, 1/72454, 1/72457, 1/7246, 1/72463, 1/72466, 1/72469, 1/72472, 1/72475, 1/72478, 1/72481, 1/72484
Titles Changed:	H04M	1/247, 1/2474, 1/2475, 1/2476, 1/72, 1/725, 1/72502, 1/72505, 1/72508, 1/72511, 1/72513, 1/72516
Warnings New:	H04M	1/247, 1/71, 1/72, 1/724
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	H04M	1/2476, 1/723, 1/72519, 1/72522, 1/72525, 1/72527, 1/7253, 1/72533, 1/72536, 1/72544, 1/72547, 1/7255, 1/72552, 1/72555, 1/72561, 1/72563, 1/72566, 1/72569, 1/72572, 1/72575, 1/72577, 1/72583, 1/72588, 1/72591, 1/72594
Definitions New:	H04M	1/715, 1/724, 1/72403, 1/72406, 1/72409, 1/72412, 1/72415, 1/72418, 1/72427, 1/7243, 1/72433, 1/72436, 1/72439, 1/72445, 1/72448, 1/72451, 1/72454, 1/72457, 1/7246, 1/72463, 1/72469, 1/72475, 1/72478, 1/72481
Definitions Modified:	G09B	SUBCLASS

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	H04M	1/247, 1/2474, 1/2475, 1/725
	H04W	84/16

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): A61H, G06F, G06K, G08B, G08C, G09B, H04B, H04L, H04M, H04N, H04R, H04W

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 H04M - TELEPHONIC COMMUNICATION (circuits for controlling other apparatus via a telephone cable and not involving telephone switching apparatus G08)

<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>
C	H04M 1/247	1	Telephone sets including user guidance or feature selection means facilitating their use (user interfaces specially adapted for cordless or mobile telephones H04M1/724)	H04M1/247, H04M1/724, H04M1/72403, H04M1/72406, H04M1/72409, H04M1/72412, H04M1/72415, H04M1/72418, H04M1/72421, H04M1/72424, H04M1/72427, H04M1/7243, H04M1/72433, H04M1/72436, H04M1/72439, H04M1/72442, H04M1/72445, H04M1/72448, H04M1/72451, H04M1/72454, H04M1/72457, H04M1/7246, H04M1/72463, H04M1/72466, H04M1/72469, H04M1/72472, H04M1/72475, H04M1/72478, H04M1/72481, H04M1/72484
M	H04M 1/2474	2	{Telephone terminals specially adapted for disabled people (user interfaces for cordless or mobile telephones specially adapted for disabled users H04M1/72475; network based special services or facilities for hearing-impaired persons H04M3/42391; devices for conversing with the deaf-blind G09B21/04)}	
M	H04M 1/2475	3	{for a hearing impaired user}	
M	H04M 1/2476	3	{for a visually impaired user (illuminating or arrangements for improving visibility of characters on dials H04M1/22)}	
U	H04M 1/68	1	Circuit arrangements for preventing eavesdropping	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	Transferred to#
U	H04M 1/70	2	Lock-out or secrecy arrangements in party-line systems	
N	H04M 1/71	1	Substation extension arrangements	
N	H04M 1/715	2	using two or more extensions per line (cordless telephones H04M1/725)	
C	H04M 1/72	1	Mobile telephones; Cordless telephones, i.e. devices for establishing wireless links to base stations without route selection	H04M1/71, H04M1/72
D	H04M 1/723	2	using two or more extensions per line (H04M1/725 takes precedence)	< administrative transfer to H04M1/715 >
N	H04M 1/724	2	User interfaces specially adapted for cordless or mobile telephones	
N	H04M 1/72403	3	with means for local support of applications that increase the functionality	
N	H04M 1/72406	4	by software upgrading or downloading	
N	H04M 1/72409	4	by interfacing with external accessories (hands-free H04M1/60)	
N	H04M 1/72412	5	using two-way short-range wireless interfaces	
N	H04M 1/72415	5	for remote control of appliances	
N	H04M 1/72418	4	for supporting emergency services	
N	H04M 1/72421	5	with automatic activation of emergency service functions, e.g. upon sensing an alarm	
N	H04M 1/72424	5	with manual activation of emergency-service functions	
N	H04M 1/72427	4	for supporting games or graphical animations	

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<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>
N	H04M 1/7243	4	with interactive means for internal management of messages	
N	H04M 1/72433	5	for voice messaging, e.g. dictaphones (for answering incoming calls H04M1/64)	
N	H04M 1/72436	5	for text messaging, e.g. SMS or e-mail	
N	H04M 1/72439	5	for image or video messaging	
N	H04M 1/72442	4	for playing music files	
N	H04M 1/72445	4	for supporting Internet browser applications	
N	H04M 1/72448	3	with means for adapting the functionality of the device according to specific conditions	
N	H04M 1/72451	4	according to schedules, e.g. using calendar applications	
N	H04M 1/72454	4	according to context-related or environment-related conditions	
N	H04M 1/72457	4	according to geographic location	
N	H04M 1/7246	4	by connection of exchangeable housing parts	
N	H04M 1/72463	4	to restrict the functionality of the device	
N	H04M 1/72466	3	with selection means, e.g. keys, having functions defined by the mode or the status of the device	
N	H04M 1/72469	3	for operating the device by selecting functions from two or more displayed items, e.g. menus or icons	
N	H04M 1/72472	4	wherein the items are sorted according to specific criteria, e.g. frequency of use	

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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#
N	H04M 1/72475	3	pecially adapted for disabled users	
N	H04M 1/72478	4	for hearing-impaired users	
N	H04M 1/72481	4	for visually impaired users	
N	H04M 1/72484	3	wherein functions are triggered by incoming communication events	
M	H04M 1/725	2	Cordless telephones (user interfaces specially adapted therefor H04M1/724)	
M	H04M 1/72502	3	with one base station connected to a single line	
M	H04M 1/72505	4	Radio link set-up procedures	
M	H04M 1/72508	5	using a control channel	
M	H04M 1/72511	5	Searching for available channels	
M	H04M 1/72513	5	On hold, intercom or transfer communication modes	
M	H04M 1/72516	4	with means for out-of-range alerting	
D	H04M 1/72519	3	{Portable communication terminals with improved user interface to control a main telephone operation mode or to indicate the communication status}	< administrative transfer to H04M1/724 >
D	H04M 1/72522	4	{With means for supporting locally a plurality of applications to increase the functionality (for selecting a function in a menu H04M1/2477)}	< administrative transfer to H04M1/72403 >
D	H04M 1/72525	5	{provided by software upgrading or downloading}	< administrative transfer to H04M1/72406 >
D	H04M 1/72527	5	{provided by interfacing with an external accessory (hands-free H04M1/6041)}	< administrative transfer to H04M1/72409 >

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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#
D	H04M 1/7253	6	{using a two-way short-range wireless interface}	< administrative transfer to H04M1/72412 >
D	H04M 1/72533	6	{for remote control of appliances}	< administrative transfer to H04M1/72415>
D	H04M 1/72536	5	{for supporting an emergency service (alarm systems G08B; telephonic communication systems in combination with alarm systems H04M11/04; telephone sets for disabled persons H04M1/2474)}	< administrative transfer to H04M1/72418 >
D	H04M 1/72538	6	{with automatic feature activation, e.g. upon sensing of an alarm condition}	< administrative transfer to H04M1/72421 >
D	H04M 1/72541	6	{with manual feature activation}	< administrative transfer to H04M1/72424 >
D	H04M 1/72544	5	{for supporting a game or graphical animation}	< administrative transfer to H04M1/72427>
D	H04M 1/72547	5	{with interactive input/output means for internally managing multimedia messages (mail systems for messages comprising audio and non-audio components H04M3/5307; message switching systems H04L 51/00)}	< administrative transfer to H04M1/7243 >
D	H04M 1/7255	6	{for voice messaging, e.g. dictaphone (for answering an incoming call H04M1/64)}	< administrative transfer to H04M1/72433>
D	H04M 1/72552	6	{for text messaging, e.g. sms, e-mail}	< administrative transfer to H04M1/72436>
D	H04M 1/72555	6	{for still or moving picture messaging (systems for transmission of still picture signals H04N1/00095; videophones H04N7/14)}	< administrative transfer to H04M1/72439>
D	H04M 1/72558	5	{for playing back music files (portable music players <u>per se</u> G11B27/00)}	< administrative transfer to H04M1/72442>
D	H04M 1/72561	5	{for supporting an internet browser application}	< administrative transfer to H04M1/72445>

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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#
D	H04M 1/72563	4	{with means for adapting by the user the functionality or the communication capability of the terminal under specific circumstances}	< administrative transfer to H04M1/72448 >
D	H04M 1/72566	5	{according to a schedule or a calendar application (network applications for presence management H04L29/08684)}	< administrative transfer to H04M1/72451>
D	H04M 1/72569	5	{according to context or environment related information}	< administrative transfer to H04M1/72454 >
D	H04M 1/72572	5	{according to a geographic location (user location related services provided by wireless communication networks H04W4/02; network applications adapted for the location of the user terminal H04L29/08657)}	< administrative transfer to H04M1/72457>
D	H04M 1/72575	5	{by connection of an exchangeable housing part}	< administrative transfer to H04M1/7246>
D	H04M 1/72577	5	{to restrict the functionality or the communication capability of the terminal (network access restriction H04W48/02)}	< administrative transfer to H04M1/72463>
D	H04M 1/7258	4	{by using keys with multiple functionality defined by the current phone mode or status}	< administrative transfer to H04M1/72466>
D	H04M 1/72583	4	{for operating the terminal by selecting telephonic functions from a plurality of displayed items, e.g. menus, icons (interaction techniques for Graphical User Interfaces <u>per se</u> G06F3/048)}	< administrative transfer to H04M1/72469>
D	H04M 1/72586	5	{wherein the items are sorted according to a specific criteria, e.g. frequency of use}	< administrative transfer to H04M1/72472 >

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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#
D	H04M 1/72588	4	{specially adapted for disabled people (devices for conversing with the deaf-blind G09B21/04)}	< administrative transfer to H04M1/72475 >
D	H04M 1/72591	5	{for a hearing impaired user (hearing-aids <u>per se</u> H04R25/00)}	< administrative transfer to H04M1/72478 >
D	H04M 1/72594	5	{for a visually impaired user (H04M1/22 takes precedence)}	< administrative transfer to H04M1/72481 >
D	H04M 1/72597	4	{wherein handling of applications is triggered by incoming communication events (changing user alerting upon occurrence of events H04M19/04)}	< administrative transfer to H04M1/72484 >

*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.

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B. New, Modified or Deleted Warning(s)

SUBCLASS H04M - TELEPHONIC COMMUNICATION (circuits for controlling other apparatus via a telephone cable and not involving telephone switching apparatus G08)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	H04M 1/247		Group H04M1/247 is impacted by reclassification into groups H04M1/724, H04M1/72403, H04M1/72406, H04M1/72409, H04M1/72412, H04M1/72415, H04M1/72418, H04M1/72421, H04M1/72424, H04M1/72427, H04M1/7243, H04M1/72433, H04M1/72436, H04M 1/72439, H04M 1/72442, H04M1/72445, H04M1/72448, H04M1/72451, H04M1/72454, H04M1/72457, H04M1/7246, H04M1/72463, H04M1/72466, H04M1/72469, H04M1/72472, H04M1/72475, H04M1/72478, H04M1/72481, and H04M1/72484. All groups listed in this Warning should be considered in order to perform a complete search.
N	H04M 1/71		Group H04M1/71 is incomplete pending reclassification of documents from group H04M1/72. Groups H04M1/72 and H04M1/71 should be considered in order to perform a complete search.
N	H04M 1/72		Group H04M1/72 is impacted by reclassification into group H04M1/71. Groups H04M1/72 and H04M1/71 should be considered in order to perform a complete search.
N	H04M 1/724		Groups H04M1/724 - H04M1/72484 are incomplete pending reclassification of documents from group H04M1/247. All groups listed in this Warning should be considered in order to perform a complete search.

*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.

DEFINITIONS (new)

Insert: The following new Definitions.

H04M 1/715

Definition statement

This place covers:

For a plurality of telephone sets connected to the network via the same line.

References

Limiting references

This place does not cover:

Cordless telephones	H04M 1/725
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H04M 1/724

Definition statement

This place covers:

User interfaces specially adapted for the interaction of the user with the device via an improved graphical interface to control a telephone communication.

References

Informative references

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

Graphical user interface for managing generic applications	G06F 3/048
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User interface programs per se; Generating graphical user interface software	G06F 9/451
For selecting a network or communication service	H04W 48/18
Measuring or estimating received signal strength	H04B 17/318

H04M 1/72403**Definition statement***This place covers:*

User interfaces supporting a plurality of applications that provide increased functionality, further to the main telephone mode.

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

Medical applications	A61B
Protection of digital contents (Digital rights management: DRM)	G06F 21/00
Characterised by the use of a wireless device	G06Q 20/32
Electronic marketing and advertising	G06Q 30/00
Electronic payment applications	G07F 7/00
Broadcast applications for mobile receivers	H04H 20/57
Operating the device by selecting functions from two or more displayed items, e.g. menus or icons	H04M1/72469
Television applications	H04N 5/00

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Video phones	H04N 7/14
Two way subscription systems	H04N 7/173

H04M 1/72406

Definition statement

This place covers:

Increased functionality provided by software upgrading.

References

Informative references

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

Software deployment or loading per se	G06F 8/60
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H04M 1/72409

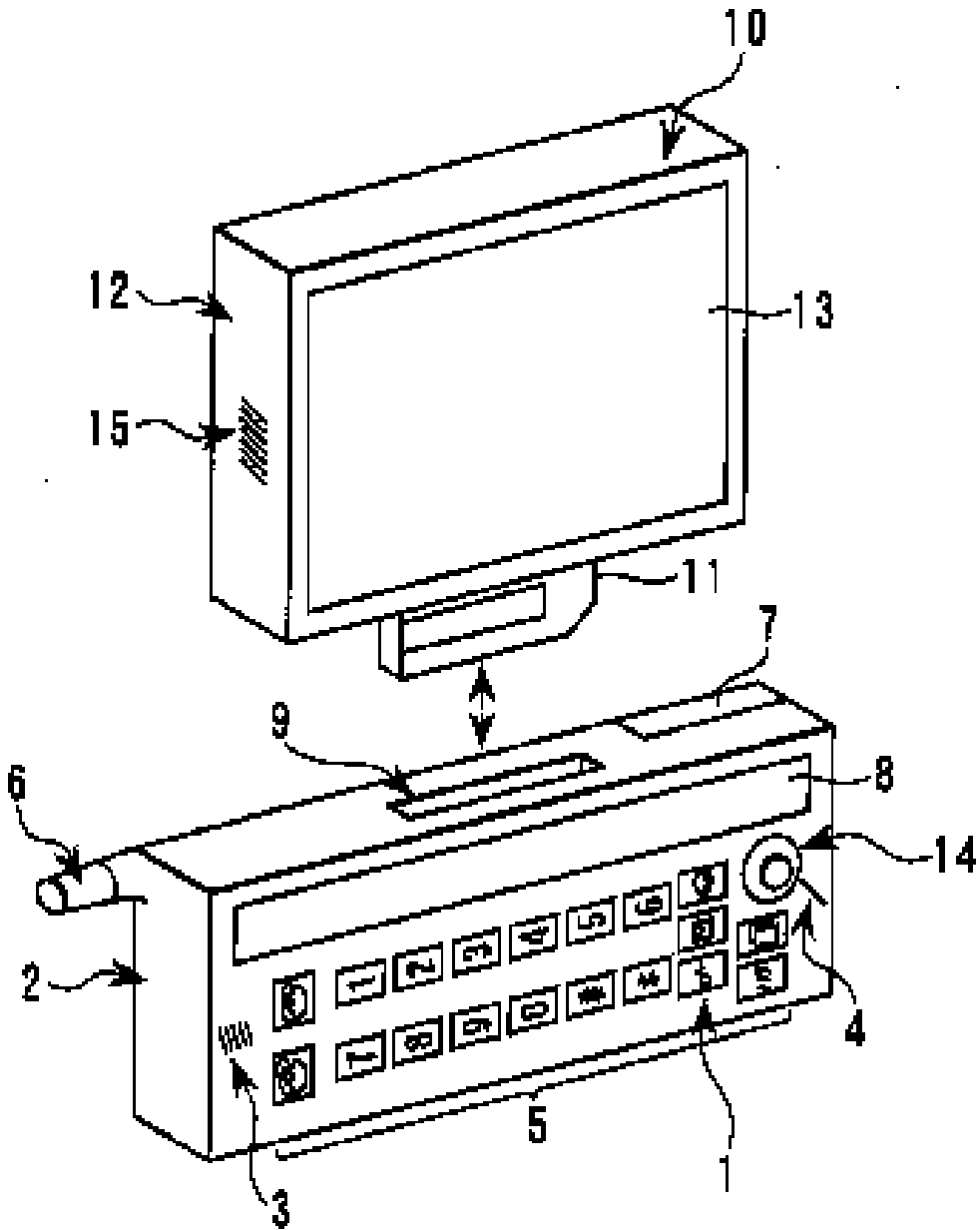
Definition statement

This place covers:

Increased functionality provided by connecting an external accessory.

For example:

An expansion display unit (10) is provided with a display section (13) having a display surface larger than the display section (8) of the mobile terminal.



References

Limiting references

This place does not cover:

Hands-free	H04M 1/60
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Special rules of classification

For mechanical assembly details [H04M 1/0254](#).

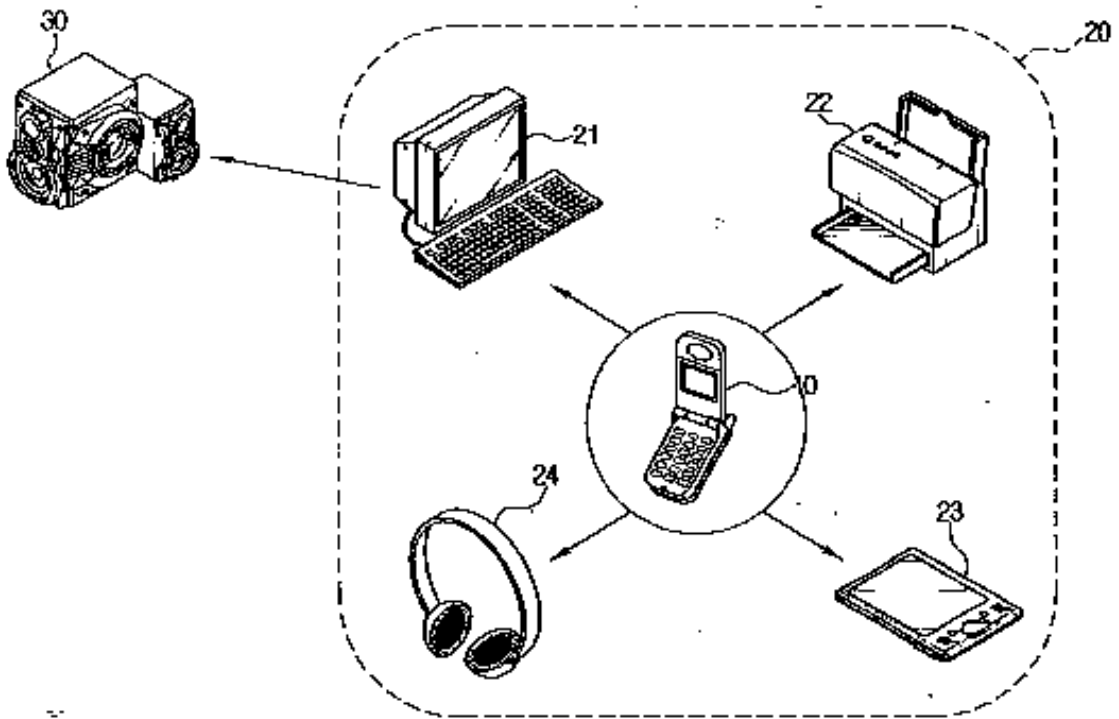
H04M 1/72412

Definition statement

This place covers:

Accessories connected via short-range radio links, e.g. Bluetooth.

Example: a mobile phone 10 operating as a master performs an inquiry to form a piconet with a computer 21, a printer 22, a PDA 23, and a headset 24 in a directly connectable range 20. The computer 21 can form another piconet with a speaker 30.



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

Near field transmission systems	H04B 5/00
Arrangements for service discovery	H04L 29/08648
Wireless connection of a headset for handsfree use of a mobile terminal	H04M 1/6066
Discovery of other network devices in proximity of a mobile terminal	H04W 8/005

[H04M 1/72415](#)

Definition statement

This place covers:

Portable communication devices adapted for remote control of an appliance.

For example: An appliance to be controlled is selected from a list of appliances (26) on the cellular device display (22).

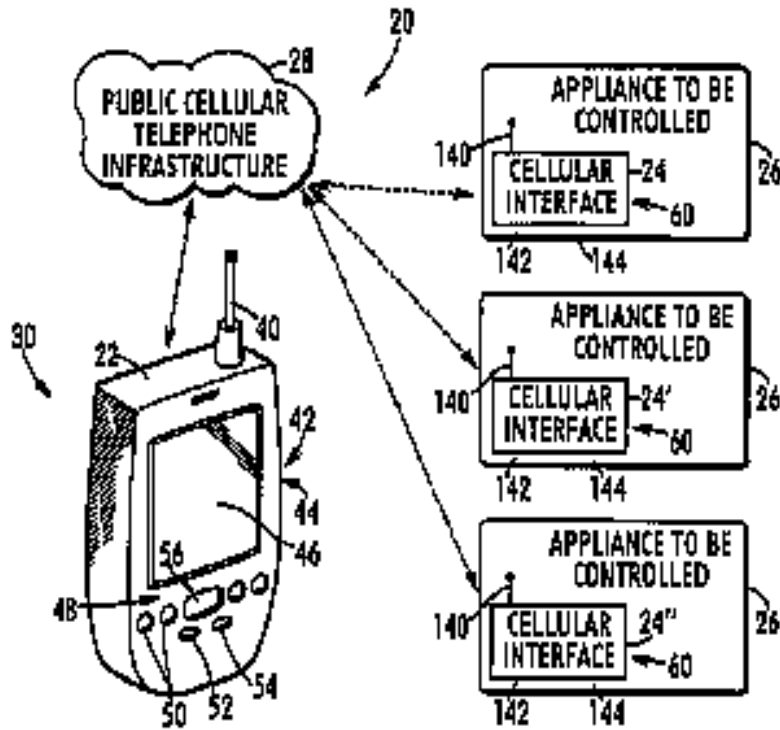


FIG. 1

References

Informative references

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

Arrangements for transmitting signals using a radio link	G08C 17/02
Home automation networks	H04L 12/2803
Remotely managing devices over a network	H04L 29/08567
Telephonic communication systems adapted for combination with remote control systems	H04M 11/007

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H04M 1/72418

Definition statement

This place covers:

Mobile phones with applications supporting an emergency service.

References

Informative references

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

Alarm systems using wireless transmission	G08B 25/10
Telephonic communication systems in combination with alarm systems	H04M 11/04

H04M 1/72427

Definition statement

This place covers:

Portable communication devices with improved user interfaces for interacting with game applications or for supporting graphical animations like avatars, themes or wallpapers, background screens or screen savers.

References

Informative references

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

Aspects of games using an electronically generated display in general	A63F 13/00
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Digital output to display device	G06F 3/14
Display control per se	G09G 3/00

H04M 1/7243**Definition statement***This place covers:*

Improved graphical interfaces for interacting with messaging applications (voice or text messaging, SMS and MMS) in a portable communication device.

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

Computer aided management of electronic mail	G06Q 10/107
Message switching systems	H04L 51/00
Instant messaging	H04L 51/04
Telephone answering machines for answering a telephone call	H04M 1/64, H04M 1/65
Mail systems for messages comprising audio and non-audio components	H04M 3/5307

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H04M 1/72433

References

Limiting references

This place does not cover:

For answering incoming calls	H04M 1/64
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Informative references

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

Centralised voice mail systems	H04M 3/53
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H04M 1/72436

References

Informative references

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

Computer-aided management of electronic mail	G06Q 10/107
Instant messaging	H04L 51/04

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H04M 1/72439

Definition statement

This place covers:

Transmission of images or videos, e.g. as attachment to a message.

References

Informative references

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

Transmission of still pictures with a mobile phone	H04N 1/00307
Videophones	H04N 7/14

H04M 1/72445

References

Informative references

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

Retrieval of information from the Internet e.g. using browsers	G06F 16/95
Interactive information services including a voice browser	H04M 3/4938

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H04M 1/72448

Definition statement

This place covers:

Customisation of a mobile terminal or modification of user settings.

References

Informative references

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

Communication control, user profiles	H04L 29/08936
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H04M 1/72451

Definition statement

This place covers:

Adapting the functionality of a mobile terminal according to a schedule or agenda.

References

Informative references

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

Office automation, time management, e.g. reminders or meetings	G06Q 10/109
Network applications for presence management	H04L 29/08684

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H04M 1/72454

Definition statement

This place covers:

Configuring the functionality of a mobile terminal according to events detected by a context application or according to its physical environment, e.g. by using sensors.

H04M 1/72457

Definition statement

This place covers:

Adaptation of the functionality of a mobile terminal according to its location.

References

Informative references

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

User location related services provided by wireless communication networks	H04W 4/02
Network applications adapted for the location of the user terminal	H04L 29/08657

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H04M 1/7246

Definition statement

This place covers:

Adaptation of the terminal functionality by using interchangeable faceplates.

Special rules of classification

For changing aesthetic appearance [H04M 1/0283](#).

H04M 1/72463

Definition statement

This place covers:

Partial suppression of functionality, e.g. of ringing in theatres or hospitals.

References

Informative references

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

Electronic means for preventing outgoing calls	H04M 1/67
Network access restriction based on user location	H04W 48/04

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H04M 1/72469

Definition statement

This place covers:

Selection of a telephonic function on a menu display of a portable communication device.

References

Informative references

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

User interaction with a menu display for generic applications	G06F 3/048
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H04M 1/72475

Definition statement

This place covers:

Portable communication devices adapted for disabled people.

References

Informative references

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

Devices for conversing with the deaf-blind	G09B 21/04
Fixed telephone sets for disabled persons	H04M 1/2474

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H04M 1/72478

References

Informative references

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

Hearing-aids per se	H04R 25/00
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H04M 1/72481

References

Informative references

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

Arrangements for improving visibility of characters on dials	H04M 1/22
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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
G09B	Informative references	Devices for psychotechnics A61B5/16	<u>Insert:</u> The following new row into the Informative references table. Telephone sets with features to facilitate their use, e.g. for blind people H04M 1/247 , H04M 1/72475
H04M 1/247	Limiting references	Same subject-matter for mobile phones. H04M1/72583	<u>Replace:</u> The existing Limiting references table row with the following new row. User interfaces specially adapted for cordless or mobile telephones H04M 1/724
H04M 1/2474	Limiting references	Same subject-matter for mobile phones H04M1/72588	<u>Replace:</u> The existing Limiting references table row with the following <u>three</u> new rows. Devices for conversing with the deaf-blind G09B 21/04 User interfaces for cordless or mobile telephones specially adapted for disabled users H04M 1/72475 Network based special services or facilities for

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			hearing-impaired persons H04M 3/42391
H04M 1/2475	Limiting references	Same subject-matter for mobile phones. H04M1/72591 Deaf-aid sets H04R25/00	<u>Delete</u> : The entire Limiting references section.
H04M 1/2475	Informative references		Insert: The following new Informative references section and table. <i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i> Deaf-aid sets H04R 25/00
H04M 1/2476	Definition		<u>Delete</u> : The entire Definition.
H04M 1/723	Definition		<u>Delete</u> : The entire Definition.
H04M 1/725	Limiting references	Handsfree use of cordless phones H04M1/6041.	<u>Replace</u> : The existing Limiting references table row with the following new row. User interfaces specially adapted therefor H04M 1/724
H04M 1/72519	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72522	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72525	Definition		<u>Delete</u> : The entire Definition.

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H04M 1/72527	Definition		<u>Delete</u> : The entire Definition.
H04M 1/7253	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72533	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72536	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72544	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72547	Definition		<u>Delete</u> : The entire Definition.
H04M 1/7255	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72552	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72555	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72561	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72563	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72566	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72569	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72572	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72575	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72577	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72583	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72588	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72591	Definition		<u>Delete</u> : The entire Definition.
H04M 1/72594	Definition		Delete: The entire Definition.
H04W 84/16	Limiting references	Substation extension arrangements, cordless telephones H04M1/72	<u>Delete</u> : The entire Limiting references section.

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H04W 84/16	Informative references		<p><u>Insert:</u> The following new Informative references section and table.</p> <p><i>Informative references</i></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Substation extension arrangements; Mobile telephones; Cordless telephones H04M 1/71; H04M 1/72</p>
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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.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	H04M 1/247	H04M 1/247, H04M 1/724, H04M 1/72403, H04M 1/72406, H04M 1/72409, H04M 1/72412, H04M 1/72415, H04M 1/72418, H04M 1/72421, H04M 1/72424, H04M 1/72427, H04M 1/7243, H04M 1/72433, H04M 1/72436, H04M 1/72439, H04M 1/72442, H04M 1/72445, H04M 1/72448, H04M 1/72451, H04M 1/72454, H04M 1/72457, H04M 1/7246, H04M 1/72463, H04M 1/72466, H04M 1/72469, H04M 1/72472, H04M 1/72475, H04M 1/72478, H04M 1/72481, H04M 1/72484
C	H04M 1/72	H04M 1/71, H04M 1/72
D	H04M 1/723	< administrative transfer to H04M 1/715 >
D	H04M 1/72519	< administrative transfer to H04M 1/724 >
D	H04M 1/72522	< administrative transfer to H04M 1/72403 >
D	H04M 1/72525	< administrative transfer to H04M 1/72406 >
D	H04M 1/72527	< administrative transfer to H04M 1/72409 >
D	H04M 1/7253	< administrative transfer to H04M 1/72412 >
D	H04M 1/72533	< administrative transfer to H04M 1/72415 >
D	H04M 1/72536	< administrative transfer to H04M 1/72418 >
D	H04M 1/72538	< administrative transfer to H04M 1/72421 >
D	H04M 1/72541	< administrative transfer to H04M 1/72424 >
D	H04M 1/72544	< administrative transfer to H04M 1/72427 >
D	H04M 1/72547	< administrative transfer to H04M 1/7243 >
D	H04M 1/7255	< administrative transfer to H04M 1/72433 >
D	H04M 1/72552	< administrative transfer to H04M 1/72436 >
D	H04M 1/72555	< administrative transfer to H04M 1/72439 >
D	H04M 1/72558	< administrative transfer to H04M 1/72442 >
D	H04M 1/72561	< administrative transfer to H04M 1/72445 >
D	H04M 1/72563	< administrative transfer to H04M 1/72448 >
D	H04M 1/72566	< administrative transfer to H04M 1/72451 >
D	H04M 1/72569	< administrative transfer to H04M 1/72454 >
D	H04M 1/72572	< administrative transfer to H04M 1/72457 >
D	H04M 1/72575	< administrative transfer to H04M 1/7246 >
D	H04M 1/72577	< administrative transfer to H04M 1/72463 >
D	H04M 1/7258	< administrative transfer to H04M 1/72466 >
D	H04M 1/72583	< administrative transfer to H04M 1/72469 >
D	H04M 1/72586	< administrative transfer to H04M 1/72472 >
D	H04M 1/72588	< administrative transfer to H04M 1/72475 >
D	H04M 1/72591	< administrative transfer to H04M 1/72478 >
D	H04M 1/72594	< administrative transfer to H04M 1/72481 >
D	H04M 1/72597	< administrative transfer to H04M 1/72484 >

* 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.

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- 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)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04M 1/71	H04M 1/71	NEW
H04M 1/715	H04M 1/715	NEW
H04M 1/723		DELETE
H04M 1/724	H04M 1/724	NEW
H04M 1/72403	H04M 1/72403	NEW
H04M 1/72406	H04M 1/72406	NEW
H04M 1/72409	H04M 1/72409	NEW
H04M 1/72412	H04M 1/72412	NEW
H04M 1/72415	H04M 1/72415	NEW
H04M 1/72418	H04M 1/72418	NEW
H04M 1/72421	H04M 1/72421	NEW
H04M 1/72424	H04M 1/72424	NEW
H04M 1/72427	H04M 1/72427	NEW
H04M 1/7243	H04M 1/7243	NEW
H04M 1/72433	H04M 1/72433	NEW
H04M 1/72436	H04M 1/72436	NEW
H04M 1/72439	H04M 1/72439	NEW
H04M 1/72442	H04M 1/72442	NEW
H04M 1/72445	H04M 1/72445	NEW
H04M 1/72448	H04M 1/72448	NEW
H04M 1/72451	H04M 1/72451	NEW
H04M 1/72454	H04M 1/72454	NEW
H04M 1/72457	H04M 1/72457	NEW
H04M 1/7246	H04M 1/7246	NEW
H04M 1/72463	H04M 1/72463	NEW
H04M 1/72466	H04M 1/72466	NEW
H04M 1/72469	H04M 1/72469	NEW
H04M 1/72472	H04M 1/72472	NEW
H04M 1/72475	H04M 1/72475	NEW
H04M 1/72478	H04M 1/72478	NEW
H04M 1/72481	H04M 1/72481	NEW
H04M 1/72484	H04M 1/72484	NEW
H04M 1/72502	H04M 1/72502	UPDATE
H04M 1/72505	H04M 1/72505	UPDATE
H04M 1/72508	H04M 1/72508	UPDATE
H04M 1/72511	H04M 1/72511	UPDATE
H04M 1/72513	H04M 1/72513	UPDATE
H04M 1/72516	H04M 1/72516	UPDATE
H04M 1/72519		DELETE
H04M 1/72522		DELETE
H04M 1/72525		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04M 1/72527		DELETE
H04M 1/7253		DELETE
H04M 1/72533		DELETE
H04M 1/72536		DELETE
H04M 1/72538		DELETE
H04M 1/72541		DELETE
H04M 1/72544		DELETE
H04M 1/72547		DELETE
H04M 1/7255		DELETE
H04M 1/72552		DELETE
H04M 1/72555		DELETE
H04M 1/72558		DELETE
H04M 1/72561		DELETE
H04M 1/72563		DELETE
H04M 1/72566		DELETE
H04M 1/72569		DELETE
H04M 1/72572		DELETE
H04M 1/72575		DELETE
H04M 1/72577		DELETE
H04M 1/7258		DELETE
H04M 1/72583		DELETE
H04M 1/72586		DELETE
H04M 1/72588		DELETE
H04M 1/72591		DELETE
H04M 1/72594		DELETE
H04M 1/72597		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.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
H04M2250/64	H04M1/72525	H04M1/72406
H04M2250/64	H04M1/72547	H04M1/7243
H04N1/00281	H04M1/72527	H04M1/72409
H04N21/4222	H04M1/72533	H04M1/72415

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
A61H3/061	H04M1/72594	Informative references	H04M1/72481
G06F3/002	H04M1/7253	Limiting references	H04M1/72412
G06F3/04162	H04M1/7253	Informative references	H04M1/72412
G06F3/0482	H04M1/72583	Limiting references	H04M1/72469
G06F8/60	H04M1/72525	Informative references	H04M1/72406
G06F8/65	H04M1/72525	Informative references	H04M1/72406
G06F9/451	H04M1/72519	Informative references	H04M 1/724
G06K7/00	H04M1/7255	Informative references	H04M1/72433
G08B25/00	H04M1/72536	Limiting references	H04M1/72418

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
G08C	H04M1/72533	Informative references	H04M1/72415
H04B1/3877	H04M1/72519	Informative references	H04M 1/724
H04B1/401	H04M1/72519	Informative references	H04M 1/724
H04L67/18	H04M1/72572	Informative references	H04M1/72457
H04L67/34	H04M1/72525	Informative references	H04M1/72406
H04L67/36	H04M1/72561	Informative references	H04M1/72445
H04L67/38	H04M1/72544	Informative references	H04M1/72427
H04M1/0254	H04M1/72527	Special rules	H04M1/72409
H04M1/0256	H04M1/7253	Special rules	H04M1/72412
H04M1/0283	H04M1/72575	Definition statement	H04M1/7246
H04M1/0283	H04M1/72575	Special rules	H04M1/7246
H04M1/04	H04M1/72527	Special rules	H04M1/72409
H04M1/2477	H04M1/72583	Limiting references	H04M1/72469
H04M1/66	H04M1/72577	Limiting references	H04M1/72463
H04M9/00	H04M1/723	Informative references	H04M 1/715
H04M11/04	H04M1/72536	Informative references	H04M1/72418
H04M11/10	H04M1/7255	Informative references	H04M1/72433
H04M19/00	H04M1/72563	Informative references	H04M1/72448

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
H04R25/00	H04M1/72591	Informative references	H04M1/72478
H04R2205/041	H04M1/72591	Informative references	H04M1/72478
H04R2499/11	H04M1/72558	Informative references	H04M1/72442
H04W4/00	H04M1/72522	Informative references	H04M 1/72403
H04W8/24	H04M1/72525	Informative references	H04M1/72406
H04W8/245	H04M1/72525	Informative references	H04M1/72406
H04W76/50	H04M1/72536	Informative references	H04M1/72418

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.