

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1176

DATE: JANUARY 1, 2022

PROJECT RP0716

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	2001/0204
Titles Changed:	H04M	1/0202, 1/0258, 1/0264, 1/0266, 1/17, 1/27, 1/675, 1/73
DEFINITIONS:		
Definitions Modified:	H04M	1/0202, 1/021, 1/0214, 1/0225, 1/0231, 1/0233, 1/0258, 1/026, 1/0264, 1/0266, 1/17, 1/20, 1/2471, 1/27, 1/6033, 1/6058, 1/6545, 1/66, 1/675, 1/73, 1/738

No other subclasses/groups are impacted by this Notice of Changes.

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

<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	H04M 1/0202	2	{ Portable telephone sets, e.g. cordless phones, mobile phones or bar type handsets (constructional features of telephone transmitters or receivers, e.g. of speakers or microphones H04M 1/03)}	
D	H04M 2001/0204	3	{including a battery compartment}	< administrative transfer to H04M 1/0262 >
M	H04M 1/0258	4	{for a headset device}	
M	H04M 1/0264	4	{for a camera module assembly}	
M	H04M 1/0266	4	{for a display module assembly}	
M	H04M 1/17	2	Hygienic or sanitary devices on telephone equipment (for mouthpieces or earpieces H04R 1/12)	
M	H04M 1/27	2	Devices whereby a plurality of signals may be stored simultaneously	
M	H04M 1/675	4	the user being required to insert a coded card, e.g. a smart card carrying an integrated circuit chip	
M	H04M 1/73	3	Battery saving arrangements	

*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.

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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>”, “<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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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>
H04M 1/0202	Synonyms and Keywords	In patent documents, the following expressions are often used as synonyms (or mobile, cellular, cordless, wireless, portable, hand-held) 2w (or apparatus ??, device ?, terminal?, station?, telephone?, phone?) (or electronic, communication, personal) 2w (or device?, terminal?, apparatus??) (or smartphone?, cellphone?, handy)	<u>Replace</u> the existing text with the following updated text: In patent documents, the following expressions are often used as synonyms: <ul style="list-style-type: none"> • mobile, cellular, • cordless, wireless, portable, hand-held, • smartphone, cellphone, handy, • appliance, terminal, station
H04M 1/0202	Limiting references		<u>Insert</u> a new Limiting references section with the following reference: Constructional features of telephone transmitters or receivers, e.g. telephone handsets H04M 1/03
H04M 1/0202	Informative references		<u>Insert</u> a new Informative references section with the following references: Construction or mounting dials H04M 1/23 Arrangements for reducing RF exposure to the user H04B 1/3838
H04M 1/021	Limiting references		<u>Insert</u> a new Limiting references section with the following reference: Slidable or telescopic telephones H04M 1/0235
H04M 1/0214	Definition statement	Only foldable and portable phone without mechanical details of the hinge movement (when combined with translation H04M1/0235). Example: EP1595386:	<u>Replace</u> the existing text with the following updated text: Only foldable and portable phone without mechanical details of the hinge.

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			Example: EP1595386:
H04M 1/0214	Limiting references	Foldable + Rotatable H04M 1/021 Foldable + Slidable H04M 1/0235, H04M 1/0214 Foldable + Slidable + Rotatable H04M 1/0235, H04M 1/021	<u>Replace</u> the existing three rows of table text with the following one row of text: Slidable or telescopic telephones H04M 1/0235
H04M 1/0214	Informative references		<u>Insert</u> a new Informative references section with the following reference: Using combined folding and rotation motions H04M 1/021
H04M 1/0225	Limiting references		<u>Insert</u> a new Limiting references section with the following reference: Slidable or telescopic telephones H04M 1/0235
H04M 1/0225	Special rules of classification	When combined with translation movement H04M 1/0235.	<u>Delete</u> the entire Special rules of classification section
H04M 1/0231	Limiting references	For mounting a keyboard module on a telephone set H04M 1/23	<u>Delete</u> the entire Limiting references section
H04M 1/0231	Informative references		<u>Insert</u> a new Informative references section with the following reference: Construction or mounting of dials H04M 1/23
H04M 1/0233	Limiting references	For mounting a display module on a telephone set H04M 1/0266	<u>Delete</u> the entire Limiting references section
H04M 1/0233	Informative references		<u>Insert</u> a new Informative references section with the following reference: For mounting a display module on a telephone set H04M 1/0266
H04M 1/0258	Informative references		<u>Insert</u> a new Informative references section with the following references: Constructional features of headsets for use on head, throat or breast H04M 1/05 Headsets for earphones to a mobile phone for hands-free use H04M 1/6058

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H04M 1/0258	Special rules of classification		<u>Delete</u> the entire Special rules of classification section
H04M 1/026	Limiting references	The mounting of a microphone or a speaker in a handset H04M 1/03	<u>Delete</u> the entire Limiting references section H04M 1/03
H04M 1/026	Informative references		<u>Insert</u> a new Informative references section with the following reference: The mounting of a microphone or a speaker in a handset H04M 1/03
H04M 1/0264	Informative references		<u>Insert</u> a new Informative references section with the following references: Photo or video cameras per se G03B Television cameras H04N 5/225
H04M 1/0264	Relationships with other classification places	For a camera module in portable computers: G06F 1/1686 For constructional details of videotelephones: H04N 7/142 For constructional details of television cameras per se: H04N 5/2251 For photo or video camera per se: G03B 17/00	<u>Delete</u> the following references: For constructional details of television cameras per se: H04N 5/2251 For photo or video camera per se: G03B 17/00
H04M 1/0266	Informative references		<u>Insert</u> a new Informative references section with the following reference: Mechanical mounting details of display modules for fixed telephones H04M 1/0295
H04M 1/17	Limiting references		<u>Insert</u> a new Limiting references section with the following reference: Sanitary or hygienic devices for mouthpieces or earpieces H04R 1/12
H04M 1/17	Relationships with other classification places	Mouthpieces and earpieces per se: H04R 1/12	<u>Delete</u> the entire Relationships with other classification places section
H04M 1/20	Limiting references		<u>Insert</u> a new Limiting references section with the following reference: Constructional arrangements

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			H04M 1/62
H04M 1/2471	Limiting references		<p><u>Insert</u> a new Limiting references section with the following references:</p> <p>Systems providing special services or facilities to subscribers H04M 3/42</p> <p>Administration or customisation of services: H04M 3/42136</p> <p>By downloading data to substation equipment H04M 3/42178</p>
H04M 1/2471	Relationships with other classification places	Administration or customization of services: H04M 3/42136	<u>Delete</u> the entire Relationships with other classification places section
H04M 1/27	Informative references		<p><u>Insert</u> a new Informative references section with the following references:</p> <p>Devices disposed in the exchange with arrangements for automatic redialing H04M 3/424</p> <p>With additional connecting arrangements for providing access to frequently wanted subscribers H04M 3/44</p>
H04M 1/27	Relationships with other classification places	Centralized directories assistance H04M 3/4931 Devices disposed in the exchange H04M 3/424, H04M 3/44.	<p><u>Delete</u> the following reference:</p> <p>Devices disposed in the exchange H04M 3/424, H04M 3/44</p>
H04M 1/6033	Limiting references	For constructional features H04M 1/62	<p><u>Replace</u> the existing text with the following updated text:</p> <p>Two-way loud-speaking telephone systems with means for conditioning the signal H04M 9/08</p>
H04M 1/6033	Informative references		<p><u>Insert</u> a new Informative references section with the following reference:</p> <p>Constructional arrangements H04M 1/62</p>

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H04M 1/6058	Limiting references	Constructional details of headset devices per se: H04M 1/05	<u>Delete</u> the entire Limiting references section
H04M 1/6058	<u>Insert</u> Informative references		<u>Insert</u> a new Informative references section with the following reference: Constructional features of headset devices H04M 1/05
H04M 1/6545	Limiting references	Hook switches per se H04M 1/08	<u>Delete</u> the entire Limiting references section
H04M 1/6545	Informative references		<u>Insert</u> a new Informative references section with the following reference: Hook switches H04M 1/08
H04M 1/66	Limiting references	Restricting the functionality or the communication capability of mobile telephones under specific circumstances H04M 1/72463	<u>Replace</u> the existing text with the following updated text: Verifying user identity or authority in secret or secure digital communications H04L 9/32
H04M 1/66	Informative references		<u>Insert</u> a new Informative references section with the following reference: Restricting the functionality or the mobile telephones under specific conditions H04M 1/72463
H04M 1/675	Limiting references	Subscriber authentication in wireless networks by using a SIM card H04W 12/00	<u>Delete</u> the entire Limiting references section
H04M 1/675	Informative references		<u>Insert</u> a new Informative references section with the following reference: IC card mounting means in a portable telephone H04B 1/3816
H04M 1/675	Relationships with other classification places	Graded services arrangements in the exchange by using subscriber identification cards: H04M 3/387 IC card mounting means in a portable telephone: H04B 1/3816	<u>Delete</u> the following reference: IC card mounting means in a portable telephone: H04B 1/3816
H04M 1/73	Informative references		<u>Insert</u> a new Informative references section with the following reference:

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			Switching on/off the receiving circuit H04B 1/1615
H04M 1/738	Limiting references	This class is not intended for applications disclosing a modem connected between the telephone and the telephone line (e.g. US2008095341).	<u>Replace</u> the existing text with a table containing the following text: Circuit arrangements in which low-frequency speech signals proceed in one direction on the line H04M 1/78
H04M 1/738	Special rules of classification	H04M 1/78 takes precedence.	<u>Delete</u> the entire Special rules of classification section

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)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	H04M 2001/0204	< administrative transfer to H04M 1/0262 >

* 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.
- 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 2001/0204		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.