

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

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: | H04R | 25/608 |
| | H04R | 2225/63 |
| | | |
| Symbols New: | H04R | 25/603 |
| | H04R | 25/607 |
| | H04R | 25/609 |
| | H04R | 25/659 |
| | H04R | 2225/0213 |
| | H04R | 2225/0216 |
| | H04R | 2225/57 |
| | | |
| Titles Changed: | H04R | 25/00 |
| | H04R | 25/30 |
| | H04R | 25/453 |
| | H04R | 25/48 |
| | H04R | 25/554 |
| | H04R | 25/556 |
| | H04R | 25/558 |
| | H04R | 25/60 |
| | H04R | 25/602 |
| | H04R | 25/604 |
| | H04R | 25/652 |
| | H04R | 25/658 |
| | H04R | 25/75 |
| | H04R | 2225/021 |
| | H04R | 2225/51 |
| | H04R | 2225/61 |
| | | |
| Warnings New: | H04R | 25/556 |
| | H04R | 25/60 |
| | H04R | 25/603 |
| | H04R | 25/607 |
| | H04R | 25/609 |
| | H04R | 25/652 |
| | H04R | 25/659 |
| | H04R | 2225/021 |

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

| <u>Action</u> | <u>Subclass</u> | <u>Group(s)</u> |
|--|-----------------|-----------------|
| | H04R | 2225/0213 |
| | H04R | 2225/0216 |
| | H04R | 2225/57 |
| | H04R | 2225/61 |
| | | |
| Notes New: | H04R | 25/65 |
| | | |
| DEFINITIONS: | | |
| Definitions Deleted: (no frozen (F) symbol definitions should be deleted) | H04R | 25/608 |
| | H04R | 2225/63 |
| | | |
| Definitions New: | H04R | 25/609 |
| | | |
| Definitions Modified: | H04R | 25/00 |
| | H04R | 25/556 |
| | H04R | 25/558 |
| | H04R | 25/60 |
| | H04R | 25/602 |
| | H04R | 25/65 |
| | H04R | 25/652 |
| | H04R | 2225/61 |

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):

H04R1/1016, H04R1/1041

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)

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS H04R - LOUDSPEAKERS, MICROPHONES, GRAMOPHONE PICK-UPS OR LIKE ACOUSTIC ELECTROMECHANICAL TRANSDUCERS; DEAF-AID SETS; PUBLIC ADDRESS SYSTEMS**

| <u>Type*</u> | <u>Symbol</u> | <u>Indent Level Number of dots (e.g. 0, 1, 2)</u> | <u>Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**</u> | <u>Transferred to#</u> |
|--------------|---------------|---|---|--|
| M | H04R 25/00 | 0 | Deaf-aid sets {, i.e. electro-acoustic or electro-mechanical hearing aids; Electric tinnitus maskers providing an auditory perception (electrical stimulation of auditory nerves to promote the auditory function A61N 1/36038; optical stimulation of auditory nerves to promote the auditory function A61N 5/0622)} | |
| M | H04R 25/30 | 1 | {Monitoring or testing of hearing aids, e.g. functioning, settings, battery power} | |
| M | H04R 25/453 | 2 | {electronically} | |
| M | H04R 25/48 | 1 | {using constructional means for obtaining a desired frequency response (H04R 25/652 takes precedence)} | |
| M | H04R 25/554 | 2 | {using a wireless connection, e.g. between microphone and amplifier or using Tcoils} | |
| C | H04R25/556 | 2 | {External connectors, e.g. plugs or modules (H04R25/607 takes precedence)} | H04R25/556 H04R25/607 |
| M | H04R 25/558 | 2 | {Remote control, e.g. of amplification, frequency} | |
| C | H04R 25/60 | 1 | {Mounting or interconnection of hearing aid parts, e.g. inside tips, housings or to ossicles (ear wax retarders, e.g. mounting thereof H04R 25/654)} | H04R25/60 H04R25/603 H04R25/607 H04R25/609 H04R2225/57 |
| M | H04R 25/602 | 2 | {of batteries} | |
| N | H04R 25/603 | 2 | {of mechanical or electronic switches or control elements} | |
| M | H04R 25/604 | 2 | {of acoustic or vibrational transducers} | |
| U | H04R 25/606 | 3 | {acting directly on the eardrum, the ossicles or the skull, e.g. mastoid, tooth, maxillary or mandibular bone, or mechanically stimulating the cochlea, e.g. at the oval window} | |
| N | H04R 25/607 | 2 | {of earhooks} | |
| D | H04R 25/608 | 2 | {Apparatus or processes specially adapted for mounting, assembling or interconnecting hearing aid parts inside tips, moulds or housings} | <Administrative transfer to H04R25/60> |
| N | H04R 25/609 | 2 | {of circuitry (of electronic switches or control elements H04R25/603)} | |

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

| Type* | Symbol | Indent Level Number of dots (e.g. 0, 1, 2) | Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}** | Transferred to# |
|--------------|----------------|---|--|--|
| U | H04R 25/65 | 1 | {Housing parts, e.g. shells, tips or moulds, or their manufacture} | |
| C | H04R 25/652 | 2 | {Ear tips; Ear moulds (hybrid ear moulds or post-processing thereof for their customisation H04R25/659)} | H04R25/652 H04R25/659 |
| C | H04R 25/658 | 2 | {Manufacture of housing parts} | H04R25/658 H04R25/659 |
| N | H04R 25/659 | 3 | {Post-processing of hybrid ear moulds for customisation, e.g. in-situ curing} | |
| U | H04R 2225/00 | 0 | Details of deaf aids covered by H04R25/00, not provided for in any of its subgroups | |
| C | H04R 2225/021 | 1 | Behind the ear [BTE] hearing aids | H04R2225/021 H04R2225/0213 H04R2225/0216 H04R25/607 |
| N | H04R 2225/0213 | 2 | Constructional details of earhooks, e.g. shape, material | |
| N | H04R 2225/0216 | 2 | BTE hearing aids having a receiver in the ear mould | |
| M | H04R 2225/51 | 1 | Aspects of antennas or their circuitry in or for hearing aids | |
| U | H04R 2225/55 | 1 | Communication between hearing aids and external devices via a network for data exchange | |
| N | H04R 2225/57 | 1 | Aspects of electrical interconnection between hearing aid parts | |
| C | H04R 2225/61 | 1 | Aspects relating to mechanical or electronic switches or control elements, e.g. functioning | H04R2225/61, H04R25/603 |
| D | H04R 2225/63 | 1 | Aspects relating to ear hooks or their connection to the hearing aid housing or ear mould | <Administrative transfer to H04R2225/0213> |

*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.

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

- “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.

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

B. New, Modified or Deleted Warning notice(s)**SUBCLASS H04R - LOUDSPEAKERS, MICROPHONES, GRAMOPHONE PICK-UPS OR LIKE ACOUSTIC ELECTROMECHANICAL TRANSDUCERS; DEAF-AID SETS; PUBLIC ADDRESS SYSTEMS**

| <u>Type*</u> | <u>Location</u> | <u>Old Warning notice</u> | <u>New/Modified Warning notice</u> |
|--------------|-----------------|---------------------------|---|
| N | H04R 25/556 | | Group H04R 25/556 is impacted by reclassification into group H04R 25/607. Groups H04R 25/556 and H04R 25/607 should be considered in order to perform a complete search. |
| N | H04R 25/60 | | Group H04R 25/60 is impacted by reclassification into groups H04R 25/603, H04R 25/607, H04R 25/609, and H04R 2225/57. All groups listed in this Warning should be considered in order to perform a complete search. |
| N | H04R 25/603 | | Group H04R 25/603 is incomplete pending reclassification of documents from groups H04R 25/60 and H04R 2225/61. Groups H04R 25/60, H04R 2225/61, and H04R 25/603 should be considered in order to perform a complete search. |
| N | H04R 25/607 | | Group H04R 25/607 is incomplete pending reclassification of documents from groups H04R 25/556, H04R 25/60, and H04R 2225/021. All groups listed in this Warning should be considered in order to perform a complete search. |
| N | H04R 25/609 | | Group H04R 25/609 is incomplete pending reclassification of documents from group H04R 25/60. Groups H04R 25/60 and H04R 25/609 should be considered in order to perform a complete search. |
| N | H04R 25/652 | | Group H04R 25/652 is impacted by reclassification into group H04R 25/659. Groups H04R 25/652 and H04R 25/659 should be considered in order to perform a complete search. |
| N | H04R 25/659 | | Group H04R 25/659 is incomplete pending reclassification of documents from groups H04R 25/652 and H04R 25/658. Groups H04R 25/652, H04R 25/658, and H04R 25/659 should be considered in order to perform a complete search. |
| N | H04R 2225/021 | | Group H04R 2225/021 is impacted by reclassification into groups H04R 2225/0213, H04R 2225/0216, and H04R 25/607. All groups listed in this Warning should be considered in order to perform a complete search. |
| N | H04R 2225/0213 | | Group H04R 2225/0213 is incomplete pending reclassification of documents from group H04R 2225/021. All groups listed in this Warning should be considered in order to perform a complete search. |
| N | H04R 2225/0216 | | Group H04R 2225/0216 is incomplete pending reclassification of documents from group H04R 2225/021. Groups H04R 2225/021 and H04R 2225/0216 should be considered in order to perform a complete search. |
| N | H04R 2225/57 | | Group H04R 2225/57 is incomplete pending reclassification of documents from group H04R 25/60. Groups H04R 25/60 and H04R 2225/57 should be considered in order to perform a complete search. |

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

| <u>Type*</u> | <u>Location</u> | <u>Old Warning notice</u> | <u>New/Modified Warning notice</u> |
|---------------------|------------------------|----------------------------------|--|
| N | H04R 2225/61 | | Group H04R 2225/61 is impacted by reclassification into group H04R 25/603. Groups H04R 2225/61 and H04R 25/603 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.

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

C. New, Modified or Deleted Note(s)

SUBCLASS H04R - LOUDSPEAKERS, MICROPHONES, GRAMOPHONE PICK-UPS OR LIKE ACOUSTIC ELECTROMECHANICAL TRANSDUCERS; DEAF-AID SETS; PUBLIC ADDRESS SYSTEMS

| <u>Type*</u> | <u>Location</u> | <u>Old Note</u> | <u>New/Modified Note</u> |
|--------------|-----------------|-----------------|--|
| N | H04R 25/65 | | Housing parts for mechanical mounting or interconnection of hearing aid parts covered by H04R25/60 are to be classified in H04R25/60 |

*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.

DATE: MAY 1, 2019

PROJECT RP0249

2. A. DEFINITIONS (new)

Insert: The following new Definition.

H04R 25/609

Definition statement

This place covers:

Interconnection or mounting of electrical aspects of implantable hearing aid transducers

References

Limiting references

This place does not cover:

| |
|--|
| of electronic switches or control elements |
|--|

| |
|----------------------------|
| H04R25/603 |
|----------------------------|

DATE: MAY 1, 2019

PROJECT RP0249

2. A. DEFINITIONS (modified)

H04R 2225/61

References

Delete: The entire Limiting references section.

Informative references

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

Insert: The following two new references in the Informative references section.

| | |
|---|--------------|
| Electronic input selection or mixing based on input signal analysis, e.g. mixing or selection between microphone and telecoil or between microphones with different directivity characteristics (H04R25/407 takes precedence) | H04R 25/43 |
| Signal processing in hearing aids to enhance the speech intelligibility | H04R 2225/43 |

H04R 25/00

Definition statement

This place covers:

Replace: In the Definition statement, the first bullet statement “Electro-acoustic...perception” with the following.

DATE: MAY 1, 2019

PROJECT RP0249

Electro-acoustic or electro-mechanical hearing aids

References**Limiting references***This place does not cover:*Replace: The symbol A61N1/36036 with A61N1/36038.Insert: The following new reference in the Limiting references table.

| | |
|---|-----------------------------|
| Optical stimulation of auditory nerves to promote the auditory function | A61N 5/0622 |
|---|-----------------------------|

Informative references*Attention is drawn to the following places, which may be of interest for search:*Replace: The existing Informative references table with the following.

| | |
|--|----------------------------|
| Ornaments for ears | A44C7/00 |
| Earphones measuring physiological sounds, e.g. heartrate, breathing, pulse | A61B5/02 |
| Non-electric hearing aids | A61F11/008 |
| Devices or methods enabling ear patients to replace direct auditory perception | A61F11/04 |
| Internal protective devices for the ears, e.g. earplugs | A61F11/08 |
| Structural combination of hearing aids with spectacle frames | G02C11/06 |
| Teaching or communicating with deaf persons | G09B21/009 |
| Directing sound using electrical steering of transducer arrays, e.g. beam steering | G10K11/34 |

DATE: MAY 1, 2019

PROJECT RP0249

| | |
|---|-------------------------|
| Coding or decoding of speech or audio signal, using source filter models or psychoacoustic analysis | G10L19/00 |
| Processing of speech signals | G10L21/00 |
| Automatic gain control in audio amplifiers | H03G3/3005 |
| Telephone sets for the hearing impaired | H04M1/2475 |
| Mobile telephones for the hearing impaired | H04M1/72591 |
| Constructions of transducers per se | H04R9/00 - H04R23/00 |
| Amplifying systems for the deaf | H04R27/02 |
| Monitoring arrangements; Testing arrangements in general | H04R29/00 |

Special rules of classification

Replace: The last bullet in the Special rules of classification section with the following.

Further details are covered by Indexing groups [H04R2225/31](#), [H04R2225/33](#), [H04R2410/07](#), [H04R2430/03](#), [H04R2460/03](#), [H04R2460/13](#) and [H04R2460/17](#). Classification is obligatory.

Glossary of terms

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

Replace: The first row of text in the Glossary of terms table “Deaf aid...hearing aid, auditory prosthesis” with the following text.

| | |
|---|---|
| Electro-acoustic or electro-mechanical hearing aids | hearing aids acting indirectly, e.g. acoustically, or directly on the ear drum, mastoid, ossicles or cochlea and providing an auditory perception |
|---|---|

DATE: MAY 1, 2019

PROJECT RP0249

H04R 25/556

References

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

| | |
|----------|----------------------------|
| Earhooks | H04R25/607 |
|----------|----------------------------|

Special rules of classification

Replace: The symbol H04R2225/63 with H04R2225/0213.

Connection between the BTE housing and the earmould via an earhook is not to be classified here but in [H04R25/60](#) in combination with [H04R2225/0213](#).

H04R 25/558

References

Informative references

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

Insert: The following two new references in the Informative references table.

| | |
|---------------------------|----------------------|
| Remote control in general | G05F |
|---------------------------|----------------------|

DATE: MAY 1, 2019

PROJECT RP0249

| | |
|---|----------------------------|
| Hi-Fi systems or audio/video combinations | H04B 1/202 |
|---|----------------------------|

H04R 25/602

References

Informative references

Insert: The following new reference in the Informative references table.

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

| | |
|----------------------|--------------------------|
| Batteries in general | H01M2/02 |
|----------------------|--------------------------|

H04R 25/652

References

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

| | |
|--|----------------------------|
| Hybrid ear moulds or post-processing thereof for their customisation | H04R25/659 |
|--|----------------------------|

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

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> |
|---------------|---|---|--|
| H04R25/60 | Definition Under “Special rules of classification” | Further detail is covered by Indexing Code subgroups H04R 2225/49, H04R 2225/59, H04R 2225/61, H04R 2225/63 and H04R 2225/67. Classification is obligatory. | Change to: Further detail is covered by Indexing Code subgroups H04R 2225/0213, H04R 2225/49, H04R 2225/59, H04R 2225/61, and H04R 2225/67. Classification is obligatory. |
| H04R25/608 | Definition | | Delete entire definition |
| H04R25/65 | Informative reference | Hearing aid ear hooks H04R2225/63 | Delete the reference |
| H04R2225/63 | Definition | | Delete entire definition |

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.

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

3. REVISION CONCORDANCE LIST (RCL)

| <u>Type*</u> | <u>From CPC Symbol (existing)</u> | <u>To CPC Symbol(s)</u> |
|--------------|-----------------------------------|--|
| C | H04R25/556 | H04R25/556 H04R25/607 |
| C | H04R25/60 | H04R25/60 H04R25/603 H04R25/607 H04R25/609 H04R2225/57 |
| D | H04R25/608 | <Administrative transfer to H04R25/60> |
| C | H04R25/652 | H04R25/652 H04R25/659 |
| C | H04R25/658 | H04R25/658 H04R25/659 |
| C | H04R2225/021 | H04R2225/021 H04R2225/0213 H04R2225/0216 H04R25/607 |
| C | H04R2225/61 | H04R25/603 H04R2225/61 |
| D | H04R2225/63 | <Administrative transfer to H04R2225/0213> |

* 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.

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

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

| <u>CPC</u> | <u>IPC</u> | <u>Action*</u> |
|-------------------|-------------------|-----------------------|
| H04R25/603 | H04R25/00 | NEW |
| H04R25/607 | H04R25/00 | NEW |
| H04R25/608 | | DELETE |
| H04R25/609 | H04R25/00 | NEW |
| H04R25/659 | H04R25/00 | NEW |
| H04R2225/0213 | CPCONLY | NEW |
| H04R2225/0216 | CPCONLY | NEW |
| H04R2225/57 | CPCONLY | NEW |
| H04R2225/63 | | 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.

CPC NOTICE OF CHANGES 677

DATE: MAY 1, 2019

PROJECT RP0249

5. CROSS-REFERENCE LIST (CRL)

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> |
|--|---|------------------------------|--|
| H04R 1/1016 | | Informative references | Add new reference: Hybrid ear moulds for customisation H04R 25/659 |
| H04R 1/1041 | | Informative references | Add new reference: Mounting or interconnection of switches or control elements in hearing aids H04R 25/603 |
| H04R 1/1041 | H04R 2225/61 | Informative references | Replace the existing text with the following: Aspects relating to switches or control elements for hearing aids, e.g. functioning H04R 2225/61 |

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.