

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 887

DATE: MAY 1, 2020

PROJECT RP0501-F

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	H04W	4/04
	H04W	4/043
	H04W	4/046
Warnings Deleted:	H04W	4/02
	H04W	4/021
	H04W	4/022
	H04W	4/023
	H04W	4/024
	H04W	4/025
	H04W	4/026
	H04W	4/027
	H04W	4/029
	H04W	4/04
	H04W	4/043
	H04W	4/046
	H04W	4/20
	H04W	4/21
	H04W	4/23
	H04W	4/30
	H04W	4/33
	H04W	4/35
	H04W	4/38
	H04W	4/40
	H04W	4/42
	H04W	4/44
	H04W	4/46
	H04W	4/48

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)

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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 H04W - WIRELESS COMMUNICATION NETWORKS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	H04W 4/04	2	{using association of physical positions and logical data} in a dedicated environment, e.g. buildings or vehicles	<no transfer>
D	H04W 4/043	3	{using ambient awareness, e.g. involving buildings using floor or room numbers}	<no transfer>
D	H04W 4/046	3	{involving vehicles, e.g. floating traffic data [FTD] or vehicle traffic prediction}	<no transfer>

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B. New, Modified or Deleted Warning(s)

SUBCLASS H04W - WIRELESS COMMUNICATION NETWORKS

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified</u> <u>Warning</u>
D	H04W 4/02	Group H04W4/02 is incomplete pending reclassification of documents from groups H04W4/04, H04W4/043 and H04W4/046. Group H04W4/02 is also impacted by reclassification into groups H04W4/024 and H04W4/029. All groups listed in this Warning should be considered in order to perform a complete search.	
D	H04W 4/021	Group H04W4/021 is incomplete pending reclassification of documents from groups H04W4/04, H04W4/043 and H04W4/046. Groups H04W4/04, H04W4/043, H04W4/046 and H04W4/021 should be considered in order to perform a complete search.	
D	H04W 4/022	Group H04W4/022 is incomplete pending reclassification of documents from groups H04W4/04, H04W4/043 and H04W4/046. Groups H04W4/04, H04W4/043, H04W4/046 and H04W4/022 should be considered in order to perform a complete search.	
D	H04W 4/023	Group H04W4/023 is incomplete pending reclassification of documents from groups H04W4/04, H04W4/043 and H04W4/046. Groups H04W4/04, H04W4/043, H04W4/046 and H04W4/023 should be considered in order to perform a complete search.	
D	H04W 4/024	Group H04W4/024 is incomplete pending reclassification of documents from groups H04W4/02, H04W4/04, H04W4/043 and H04W4/046. Groups H04W4/02, H04W4/04, H04W4/043, H04W4/046 and H04W4/024 should be considered in order to perform a complete search.	
D	H04W 4/025	Group H04W4/025 is incomplete pending reclassification of documents from groups H04W4/04, H04W4/043 and H04W4/046. Groups H04W4/04, H04W4/043, H04W4/046 and H04W4/025 should be considered in order to perform a complete search.	
D	H04W 4/026	Group H04W4/026 is incomplete pending reclassification of documents from groups H04W4/04, H04W4/043 and H04W4/046. Groups H04W4/04, H04W4/043, H04W4/046 and H04W4/026 should be considered in order to perform a complete search.	
D	H04W 4/027	Group H04W4/027 is incomplete pending reclassification of documents from groups H04W4/04, H04W4/043 and H04W4/046. Groups H04W4/04, H04W4/043, H04W4/046 and H04W4/027 should be considered in order to perform a complete search.	

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<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified</u> <u>Warning</u>
D	H04W 4/029	Group H04W4/029 is incomplete pending reclassification of documents from groups H04W4/02, H04W4/04, H04W4/043 and H04W4/046. Groups H04W4/02, H04W4/04, H04W4/043, H04W4/046 and H04W4/029 should be considered in order to perform a complete search.	
D	H04W 4/04	Group H04W4/04 is no longer used for the classification of documents as of February 1, 2018. The content of this group is being reclassified into groups H04W4/02 – H04W4/029, and H04W4/30 – H04W4/48. All groups listed in this Warning should be considered in order to perform a complete search.	
D	H04W 4/043	Group H04W4/043 is no longer used for the classification of documents as of February 1, 2018. The content of this group is being reclassified into groups H04W4/02 – H04W4/029, and H04W4/33. All groups listed in this Warning should be considered in order to perform a complete search.	
D	H04W 4/046	Group H04W4/046 is no longer used for the classification of documents as of February 1, 2018. The content of this group is being reclassified into groups H04W4/02 – H04W4/029, and H04W4/40 – H04W4/48. All groups listed in this Warning should be considered in order to perform a complete search.	
D	H04W 4/20	Group H04W4/20 is impacted by reclassification into groups H04W4/21 and H04W4/23. Groups H04W4/20, H04W4/21, and H04W4/23 should be considered in order to perform a complete search.	
D	H04W 4/21	Group H04W4/21 is incomplete pending reclassification of documents from group H04W4/20. Groups H04W4/20 and H04W4/21 should be considered in order to perform a complete search.	
D	H04W 4/23	Group H04W4/23 is incomplete pending reclassification of documents from group H04W4/20. Groups H04W4/20 and H04W4/23 should be considered in order to perform a complete search.	
D	H04W 4/30	Group H04W4/30 is incomplete pending reclassification of documents from group H04W4/04. Groups H04W4/04 and H04W4/30 should be considered in order to perform a complete search.	
D	H04W 4/33	Group H04W4/33 is incomplete pending reclassification of documents from groups H04W4/04 and H04W4/043. Groups H04W4/04, H04W4/043 and H04W4/33 should be considered in order to perform a complete search.	

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<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified</u> <u>Warning</u>
D	H04W 4/35	Group H04W4/35 is incomplete pending reclassification of documents from group H04W4/04. Groups H04W4/04 and H04W4/35 should be considered in order to perform a complete search.	
D	H04W 4/38	Group H04W4/38 is incomplete pending reclassification of documents from group H04W4/04. Groups H04W4/04 and H04W4/38 should be considered in order to perform a complete search.	
D	H04W 4/40	Group H04W4/40 is incomplete pending reclassification of documents from groups H04W4/04 and H04W4/046. Groups H04W4/04, H04W4/046 and H04W4/40 should be considered in order to perform a complete search.	
D	H04W 4/42	Group H04W4/42 is incomplete pending reclassification of documents from groups H04W4/04 and H04W4/046. Groups H04W4/04, H04W4/046 and H04W4/42 should be considered in order to perform a complete search.	
D	H04W 4/44	Group H04W4/44 is incomplete pending reclassification of documents from groups H04W4/04 and H04W4/046. Groups H04W4/04, H04W4/046 and H04W4/44 should be considered in order to perform a complete search.	
D	H04W 4/46	Group H04W4/46 is incomplete pending reclassification of documents from groups H04W4/04 and H04W4/046. Groups H04W4/04, H04W4/046 and H04W4/46 should be considered in order to perform a complete search.	
D	H04W 4/48	Group H04W4/48 is incomplete pending reclassification of documents from groups H04W4/04 and H04W4/046. Groups H04W4/04, H04W4/046 and H04W4/48 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.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04W 4/04		DELETE
H04W 4/043		DELETE
H04W 4/046		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.