

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1088

DATE: AUGUST 1, 2021

PROJECT RP0156-F

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Warnings Deleted:	H01L	27/146, 27/307
	H04N	5/2251, 5/22521, 5/22525, 5/2254, 5/22541, 5/232, 5/23206, 5/232061, 5/23212, 5/232121, 5/232122, 5/232123, 5/232125, 5/232127, 5/232133, 5/23218, 5/23227, 5/23241, 5/232411, 5/23293, 5/232933, 5/232939, 5/23299, 5/3572, 5/35721, 5/369, 5/3696, 5/36961, 5/36963, 5/36965, 5/379
	H04N	9/045, 9/0451, 9/04511, 9/04513, 9/04515, 9/04517, 9/04521, 9/0455, 9/04551, 9/04553, 9/04555, 9/04557, 9/04559, 9/04561, 9/04563

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

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

- 3. REVISION CONCORDANCE LIST (RCL)
- 4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

B. New, Modified or Deleted Warning(s)

SUBCLASS H01L - SEMICONDUCTOR DEVICES; ELECTRIC SOLID STATE DEVICES NOT OTHERWISE PROVIDED FOR

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H01L 27/146	Groups H01L 27/146 – H01L 27/14893 are incomplete pending reclassification of documents from groups H04N 5/3696 and H04N 9/045. Groups H04N 5/3696, H04N 9/045, and H01L 27/146 – H01L 27/14893 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H01L 27/307	Group H01L 27/307 is incomplete pending reclassification of documents from groups H04N 5/3696 and H04N 9/045. Groups H04N 5/3696, H04N 9/045, and H01L 27/307 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.

SUBCLASS H04N - PICTORIAL COMMUNICATION, e.g. TELEVISION

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H04N 5/2251	Group H04N 5/2251 is impacted by reclassification into groups H04N 5/22521, H04N 5/22525, and H04N 5/225251. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/22521	Group H04N 5/22521 is incomplete pending reclassification of documents from group H04N 5/2251. Groups H04N 5/2251 and H04N 5/22521 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/22525	Groups H04N 5/22525 and H04N 5/225251 are incomplete pending reclassification of documents from group H04N 5/2251. Groups H04N 5/2251, H04N 5/22525 and H04N 5/225251 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/2254	Group H04N 5/2254 is impacted by reclassification into group H04N 5/22541. Groups H04N 5/2254 and H04N 5/22541 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H04N 5/22541	Group H04N 5/22541 is incomplete pending reclassification of documents from group H04N 5/2254. Groups H04N 5/2254 and H04N 5/22541 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232	Group H04N 5/232 is impacted by reclassification into groups H04N 5/23218, H04N 5/23227, and H04N 5/23299. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/23206	Group H04N 5/23206 is impacted by reclassification into group H04N 5/232061. Groups H04N 5/23206 and H04N 5/232061 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232061	Group H04N 5/232061 is incomplete pending reclassification of documents from group H04N 5/23206. Groups H04N 5/23206 and H04N 5/232061 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/23212	Group H04N 5/23212 is impacted by reclassification into groups H04N 5/232121, H04N 5/232122, H04N 5/232123, H04N 5/232125, H04N 5/232127, and H04N 5/232133. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232121	Group H04N 5/232121 is incomplete pending reclassification of documents from group H04N 5/23212. Groups H04N 5/23212 and H04N 5/232121 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232122	Group H04N 5/232122 is incomplete pending reclassification of documents from group H04N 5/23212. Groups H04N 5/23212 and H04N 5/232122 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232123	Group H04N 5/232123 is incomplete pending reclassification of documents from group H04N 5/23212. Groups H04N 5/23212 and H04N 5/232123 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H04N 5/232125	Group H04N 5/232125 is incomplete pending reclassification of documents from group H04N 5/23212. Groups H04N 5/23212 and H04N 5/232125 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232127	Group H04N 5/232127 is incomplete pending reclassification of documents from group H04N 5/23212. Groups H04N 5/23212 and H04N 5/232127 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232133	Group H04N 5/232133 is incomplete pending reclassification of documents from group H04N 5/23212. Groups H04N 5/23212 and H04N 5/232133 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/23218	Group H04N 5/23218 is incomplete pending reclassification of documents from group H04N 5/232. Groups H04N 5/232 and H04N 5/23218 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/23227	Group H04N 5/23227 is incomplete pending reclassification of documents from group H04N 5/232. Groups H04N 5/232 and H04N 5/23227 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/23241	Group H04N 5/23241 is impacted by reclassification into group H04N 5/232411. Groups H04N 5/23241 and H04N 5/232411 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232411	Group H04N 5/232411 is incomplete pending reclassification of documents from group H04N 5/23241. Groups H04N 5/23241 and H04N 5/232411 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/23293	Group H04N 5/23293 is impacted by reclassification into groups H04N 5/232933, H04N 5/232935, H04N 5/232939, H04N 5/232941, and H04N 5/232945. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H04N 5/232933	Groups H04N 5/232933 and H04N 5/232935 are incomplete pending reclassification of documents from group H04N 5/23293. Groups H04N 5/23293, H04N 5/232933 and H04N 5/232935 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/232939	Groups H04N 5/232939, H04N 5/232941 and H04N 5/232945 are incomplete pending reclassification of documents from group H04N 5/23293. Groups H04N 5/23293, H04N 5/232939, H04N 5/232941 and H04N 5/232945 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/23299	Group H04N 5/23299 is incomplete pending reclassification of documents from group H04N 5/232. Groups H04N 5/232 and H04N 5/23299 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/3572	Group H04N 5/3572 is impacted by reclassification into groups H04N 5/35721, H04N 9/04517, and H04N 9/04519. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/35721	Group H04N 5/35721 is incomplete pending reclassification of documents from group H04N 5/3572. Groups H04N 5/3572 and H04N 5/35721 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/369	Group H04N 5/369 is impacted by reclassification into group H04N 5/379. Groups H04N 5/369 and H04N 5/379 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/3696	Group H04N 5/3696 is impacted by reclassification into groups H01L 27/146 – H01L 27/14893, H01L 27/307, H04N 5/36961, H04N 5/36963, and H04N 5/36965. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/36961	Group H04N 5/36961 is incomplete pending reclassification of documents from group H04N 5/3696. Groups H04N 5/3696 and H04N 5/36961 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/36963	Group H04N 5/36963 is incomplete pending reclassification of documents from group H04N 5/3696. Groups H04N 5/3696 and H04N 5/36963 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H04N 5/36965	Group H04N 5/36965 is incomplete pending reclassification of documents from group H04N 5/3696. Groups H04N 5/3696 and H04N 5/36965 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 5/379	Group H04N 5/379 is incomplete pending reclassification of documents from group H04N 5/369. Groups H04N 5/369 and H04N 5/379 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/045	Group H04N 9/045 is impacted by reclassification into groups H01L 27/146 – H01L 27/14893, H01L 27/307, H04N 9/0451, H04N 9/04511, H04N 9/04513, H04N 9/04515, H04N 9/04517, H04N 9/04519, H04N 9/04521, H04N 9/0455, H04N 9/04551, H04N 9/04553, H04N 9/04555, H04N 9/04557, H04N 9/04559, H04N 9/04561, and H04N 9/04563. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/0451	Group H04N 9/0451 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/0451 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04511	Group H04N 9/04511 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04511 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04513	Group H04N 9/04513 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04513 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04515	Group H04N 9/04515 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04515 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04517	Groups H04N 9/04517 and H04N 9/04519 are incomplete pending reclassification of documents from groups H04N 5/3572 and H04N 9/045. Groups H04N 5/3572, H04N 9/045, H04N 9/04517, and H04N 9/04519 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H04N 9/04521	Group H04N 9/04521 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04521 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/0455	Group H04N 9/0455 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/0455 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04551	Group H04N 9/04551 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04551 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04553	Group H04N 9/04553 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04553 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04555	Group H04N 9/04555 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04555 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04557	Group H04N 9/04557 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04557 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04559	Group H04N 9/04559 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04559 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04561	Group H04N 9/04561 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04561 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.
D	H04N 9/04563	Group H04N 9/04563 is incomplete pending reclassification of documents from group H04N 9/045. Groups H04N 9/045 and H04N 9/04563 should be considered in order to perform a complete search.	<u>Delete:</u> The entire Warning.

*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.