# EUROPEAN PATENT OFFICE U.S. PATENT AND TRADEMARK OFFICE

### CPC NOTICE OF CHANGES 1135

### AUGUST 1, 2021

### PROJECT RP0313-F

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

Action	Subclass	Group(s)	
SCHEME:			
Symbols Deleted:	F21V	19/042, 19/045	
25112012 201000	7-2-4	157 0 12, 157 0 18	
Warnings Deleted:	F21K	9/00	
	F21K	9/20	
	F21K	9/23	
	F21K	9/232	
	F21K	9/233	
	F21K	9/235	
	F21K	9/237	
	F21K	9/238	
	F21K	9/27	
	F21K	9/272	
	F21K	9/275	
	F21K	9/278	
	F21K	9/60	
	F21K	9/61	
	F21K	9/62	
	F21K	9/64	
	F21K	9/65	
	F21K	9/66	
	F21K	9/68	
	F21K	9/69	
	F21K	9/90	
	F21K	99/00	
	F21S	2/00	
	F21V	19/042	
	F21V	19/045	
	F21V	23/003	
	F21V	23/004	
	F21V	23/005	
	F21V	23/006	
	F21Y	2101/00	
	F21Y	2103/00	
	F21Y	2103/10	
	F21Y	2103/20	
	F21Y	2105/00	
	F21Y	2105/10	
	F21Y	2105/12	
	F21Y	2105/14	

# AUGUST 1, 2021

# PROJECT RP0313-F

Action	<u>Subclass</u>	<u>Group(s)</u>
	F21Y	2105/16
	F21Y	2105/18
	F21Y	2107/00
	F21Y	2107/10
	F21Y	2107/20
	F21Y	2107/30
	F21Y	2107/40
	F21Y	2107/50
	F21Y	2107/60
	F21Y	2107/70
	F21Y	2107/80
	F21Y	2107/90
	F21Y	2109/00
	F21Y	2111/00
	F21Y	2115/00
	F21Y	2115/10
	F21Y	2115/15
	F21Y	2115/20

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.	$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $
5.	☐ CHANGES TO THE CROSS-REFERENCE LIST (CRL)

#### AUGUST 1, 2021

#### PROJECT RP0313-F

#### 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

#### SUBCLASS F21V - DETAILS OF LIGHTING DEVICES, OF GENERAL APPLICATION

**	<u>Symbol</u>	Indent Level Numb er of dots (e.g.0, 1,2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	<u>Transferredto#</u>
D	F21V 19/042	2	{the light source being a semiconductor, e.g. an LED}	<no transfer=""></no>
D	F21V 19/045	2	{the light source being a semiconductor mounted on a holder, e.g. a circuit board}	<no transfer=""></no>

\*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; E = 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 <u>subclasses</u>, 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} <u>are</u> used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except "D" which requires only a symbol.
- #"Transferred to" column <u>must</u> 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>" or "<administrative transfer to XX and YY simultaneously>"when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be "invention information", unless otherwise indicated, and to 2000 series groups is assumed to be "additional information".

### AUGUST 1, 2021

### PROJECT RP0313-F

### B. New, Modified or Deleted Warning notice(s)

### SUBCLASS F21K-LIGHT SOURCES NOT OTHERWISE PROVIDED FOR

Type *	Location	Old Warning notice	New/Modified Warning notice
D	F21K 9/00	Group F21K9/00 is impacted by reclassification into groups F21K9/20, F21K9/23, F21K9/232, F21K9/233, F21K9/235, F21K9/237, F21K9/238, F21K9/27, F21K9/272, F21K9/275, F21K9/278, F21K9/60, F21K9/61, F21K9/62, F21K9/64, F21K9/65, F21K9/66, F21K9/68, F21K9/69, F21K9/90 and F21K99/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21K 9/20	Group F21K9/20 is incomplete pending reclassification of documents from groups F21K9/00, F21K99/00, F21S2/00, F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search.  Group F21K9/20 is impacted by reclassification into groups F21K9/23, F21K9/232, F21K9/233, F21K9/235, F21K9/237, F21K9/238, F21K9/27, F21K9/272, F21K9/275 and F21K9/278. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21K 9/23	Group F21K9/23 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K99/00, F21S2/00, F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search. Group F21K9/23 is impacted by reclassification into F21K9/235, F21K9/237 and F21K9/238. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21K 9/232	Group F21K9/232 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K99/00, F21S2/00, F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21K 9/233	Group F21K9/233 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K99/00, F21S2/00, F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21K 9/235	Group F21K9/235 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K9/23, F21K99/00, F21S2/00, F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning

### AUGUST 1, 2021

Type *	Location	Old Warning notice	New/Modified Warning notice
D	F21K 9/237	Group F21K9/237 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K9/23, F21K99/00, F21S2/00, F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21K 9/238	Group F21K9/238 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K9/23, F21K99/00, F21S2/00, F21V19/042, F21V19/045, F21V23/003,	Delete the warning
		F21V23/004, F21V23/005 and F21V23/006. All groups listed in this Warning should be considered in order to perform a complete search.	
D	F21K 9/27	Group F21K9/27 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K99/00, F21S2/00, F21V19/042, F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
		Group F21K9/27 is impacted by reclassification into groups F21K9/272, F21K9/275 and F21K9/278. All groups listed in this Warning should be considered in order to perform a complete search.	
D	F21K 9/272	Group F21K9/272 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K9/27, F21K99/00, F21S2/00, F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21K 9/275	Group F21K9/275 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K9/27, F21K99/00, F21S2/00, F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21K 9/278	Group F21K9/278 is incomplete pending reclassification of documents from groups F21K9/00, F21K9/20, F21K9/27, F21K99/00, F21S2/00, F21V19/042, F21V19/045, F21V23/003, F21V23/004, F21V23/005 and F21V23/006. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning

### AUGUST 1, 2021

Type *	Location	Old Warning notice	New/Modified Warning notice
D	F21K 9/60	Group F21K9/60 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00,	
		F21K99/00, F21S2/00, F21V19/042 and F21V19/045.	
		All groups listed in this Warning should be	
		considered in order to perform a complete search.	
		Group F21K9/60 is impacted by reclassification into	
		groups F21K9/66, F21K9/68 and F21K9/69. All	
		groups listed in this Warning should be considered in	
		order to perform a complete search.	
D	F21K 9/61	Group F21K9/61 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00,	
		F21K99/00, F21S2/00, F21V19/042 and F21V19/045.	
		All groups listed in this Warning should be	
	F2117 0/62	considered in order to perform a complete search.	
D	F21K 9/62	Group F21K9/62 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00, F21K99/00, F21S2/00, F21V19/042 and F21V19/045.	
		All groups listed in this Warning should be	
		considered in order to perform a complete search.	
D	F21K 9/64	Group F21K9/64 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00,	C
		F21K99/00, F21S2/00, F21V19/042 and F21V19/045.	
		All groups listed in this Warning should be	
	F2117.0/65	considered in order to perform a complete search.	<b>75.1</b>
D	F21K 9/65	Group F21K9/65 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00, F21K99/00, F21S2/00, F21V19/042 and F21V19/045.	
		All groups listed in this Warning should be	
		considered in order to perform a complete search.	
D	F21K 9/66	Group F21K9/66 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00,	
		F21K9/60, F21K99/00, F21S2/00, F21V19/042 and	
		F21V19/045. All groups listed in this Warning should	
	F2117 0/60	be considered in order to perform a complete search.	
D	F21K 9/68	Group F21K9/68 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00, F21K9/60, F21K99/00, F21S2/00, F21V19/042 and	
		F21V19/045. All groups listed in this Warning should	
		be considered in order to perform a complete search.	
D	F21K 9/69	Group F21K9/69 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00,	
		F21K9/60, F21K99/00, F21S2/00, F21V19/042 and	
		F21V19/045. All groups listed in this Warning should	
	F01IZ 0/00	be considered in order to perform a complete search.	
D	F21K 9/90	Group F21K9/90 is incomplete pending	Delete the warning
		reclassification of documents from groups F21K9/00, F21K99/00, F21S2/00, F21V19/042 and F21V19/045.	
		All groups listed in this Warning should be	
		considered in order to perform a complete search.	
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### AUGUST 1, 2021

### PROJECT RP0313-F

<u>Type</u>	<b>Location</b>	Old Warning notice	New/Modified Warning notice
D T	F21K 99/00	Group F21K99/00 is incomplete pending reclassification of documents from groups F21V19/042 and F21V19/045. All groups listed in this Warning should be considered in order to	Delete the warning
		performa complete search.  Group F21K99/00 is impacted by reclassification into groups F21K9/00, F21K9/20, F21K9/23, F21K9/232, F21K9/233, F21K9/235, F21K9/237, F21K9/238,	
		F21K9/27, F21K9/272, F21K9/275, F21K9/278, F21K9/60, F21K9/61, F21K9/62, F21K9/64, F21K9/65, F21K9/66, F21K9/68, F21K9/69 and F21K9/90. All groups listed in this Warning should be considered in order to perform a complete search.	

# SUBCLASS F21S - NON-PORTABLELIGHTING DEVICES OR SYSTEMS THEREOF

Type*	Location	Old Warning notice	New/Modified Warning notice
D	F21S 2/00	Group F21S2/00 is impacted by reclassification into groups F21K9/00, F21K9/20, F21K9/23, F21K9/232, F21K9/233, F21K9/235, F21K9/237, F21K9/238, F21K9/27, F21K9/272, F21K9/275, F21K9/278, F21K9/60, F21K9/61, F21K9/62, F21K9/64, F21K9/65, F21K9/66, F21K9/68, F21K9/69 and F21K9/90. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning

# SUBCLASS F21V - DETAILS OF LIGHTING DEVICES, OF GENERAL APPLICATION

Type*	<b>Location</b>	Old Warning notice	New/Modified Warning notice
D	F21V 19/042	Group F21V19/042 is no longer used for the classification of documents as of January 1, 2016. The content of this group is being reclassified into groups F21K9/00, F21K9/20, F21K9/23, F21K9/232, F21K9/233, F21K9/235, F21K9/237, F21K9/238, F21K9/27, F21K9/276, F21K9/278, F21K9/60, F21K9/61, F21K9/62, F21K9/64, F21K9/65, F21K9/66, F21K9/68, F21K9/69, F21K9/90. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning

### AUGUST 1, 2021

# PROJECT RP0313-F

Type*	<u>Location</u>	Old Warning notice	New/Modified Warning notice
D	F21V 19/045	Group F21V19/045 is no longer used for the classification of documents as of January 1, 2016. The content of this group is being reclassified into groups F21K9/00, F21K9/20, F21K9/23, F21K9/232, F21K9/233, F21K9/235, F21K9/237, F21K9/238, F21K9/27, F21K9/275, F21K9/278, F21K9/60, F21K9/61, F21K9/62, F21K9/64, F21K9/65, F21K9/66, F21K9/68, F21K9/69, F21K9/90. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21V 23/003	Group F21V 23/003 is impacted by reclassification into groups F21K9/238 and F21K9/278. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21V 23/004	Group F21V 23/004 is impacted by reclassification into groups F21K9/238 and F21K9/278. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21V 23/005	Group F21V 23/005 is impacted by reclassification into groups F21K9/238 and F21K9/278. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21V 23/006	Group F21V 23/006 is impacted by reclassification into groups F21K9/238 and F21K9/278. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning

# SUBCLASS F21Y-INDEXING SCHEME RELATING TO THE FORM OF THE LIGHT SOURCES

Type*	<u>Location</u>	Old Warning notice	New/Modified Warning notice
D	F21Y 2101/00	Group F21Y2101/00 is impacted by reclassification into groups F21Y2115/00, F21Y2115/10, F21Y2115/15 and F21Y2115/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2103/00	Group F21Y2103/00 is impacted by reclassification into groups F21Y2103/10 and F21Y2103/20. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2103/10	Group F21Y2103/10 is incomplete pending reclassification of documents from group F21Y2103/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning

### AUGUST 1, 2021

<u>Type</u> *	Location	Old Warning notice	New/Modified Warning notice
D	F21Y 2103/20	Group F21Y2103/20 is incomplete pending reclassification of documents from group F21Y2103/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2105/00	Group F21Y2105/00 is impacted by reclassification into groups F21Y2105/10, F21Y2105/12, F21Y2105/14, F21Y2105/16 and F21Y2105/18. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2105/10	Group F21Y2105/10 is incomplete pending reclassification of documents from group F21Y2105/00. All groups listed in this Warning should be considered in order to performa complete search.  Group F21Y2105/00 is impacted by reclassification into groups F21Y2105/14, F21Y2105/16 and F21Y2105/18. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2105/12	Group F21Y2105/12 is incomplete pending reclassification of documents from group F21Y2105/00. Groups F21Y2105/00 and F21Y2105/12 should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2105/14	Group F21Y2105/14 is incomplete pending reclassification of documents from groups F21Y2105/00 and F21Y2105/10. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2105/16	Group F21Y2105/16 is incomplete pending reclassification of documents from groups F21Y2105/00 and F21Y2105/10. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2105/18	Group F21Y2105/18 is incomplete pending reclassification of documents from groups F21Y2105/00 and F21Y2105/10. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning

### AUGUST 1, 2021

Type*	<u>Location</u>	Old Warning notice	New/Modified Warning notice
D	F21Y2107/00	Group F21Y2107/00 is incomplete pending reclassification of documents from group F21Y2111/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
		Group F21Y2107/00 is impacted by reclassification into groups F21Y2107/70, F21Y2107/80 and F21Y2107/90. All groups listed in this Warning should be considered in order to perform a complete search.	
D	F21Y 2107/10	Group F21Y2107/10 is incomplete pending reclassification of documents from group F21Y2111/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2107/20	Group F21Y2107/20 is incomplete pending reclassification of documents from group F21Y2111/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21 Y2107/30	Group F21Y2107/30 is incomplete pending reclassification of documents from group F21Y2111/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2107/40	Group F21Y2107/40 is incomplete pending reclassification of documents from group F21Y2111/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2107/50	Group F21Y2107/50 is incomplete pending reclassification of documents from group F21Y2111/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2107/60	Group F21Y2107/60 is incomplete pending reclassification of documents from group F21Y2111/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2107/70	Group F21Y2107/70 is incomplete pending reclassification of documents from groups F21Y2107/00 and F21Y2111/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2107/80	Group F21Y2107/80 is incomplete pending reclassification of documents from groups F21Y2107/00 and F21Y2111/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning

### AUGUST 1, 2021

### PROJECT RP0313-F

Type*	<u>Location</u>	Old Warning notice	New/Modified Warning notice
D	F21Y 2107/90	Group F21Y2107/90 is incomplete pending reclassification of documents from groups F21Y2107/00 and F21Y2111/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2109/00	Group F21Y2109/00 is incomplete pending reclassification of documents from group F21Y2111/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2111/00	Group F21Y 2111/00 is impacted by reclassification into groups F21Y2107/00, F21Y2107/10, F21Y2107/20, F21Y2107/30, F21Y2107/40, F21Y2107/50, F21Y2107/60, F21Y2107/70, F21Y2107/80, F21Y2107/90 and F21Y2109/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2115/00	Group F21Y2115/00 is incomplete pending reclassification of documents from group F21Y2101/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2115/10	Group F21Y2115/10 is incomplete pending reclassification of documents from group F21Y2101/00. All groups listed in this Warning should be considered in order to performa complete search.	Delete the warning
D	F21Y 2115/15	Group F21Y2115/15 is incomplete pending reclassification of documents from group F21Y2101/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the warning
D	F21Y 2115/20	Group F21Y2115/20 is incomplete pending reclassification of documents from group F21Y2101/00. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the 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.

#### AUGUST 1, 2021

#### PROJECT RP0313-F

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

CPC	<u>IPC</u>	Action*
F21V 19/042		DELETE
F21V 19/045		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 <u>not</u> 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.