EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 157

DATE: JANUARY 1, 2016

PROJECT RP0310

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

Action	Subclass	Group(s)
Symbols deleted:	F21S	4/001
	F21S	4/002
	F21S	4/003
	F21S	4/005
	F21S	4/006
	F21S	4/007
	F21S	4/008
Symbols newly created:	F21S	4/10
	F21S	4/15
	F21S	4/20
	F21S	4/22
	F21S	4/24
	F21S	4/26
	F21S	4/28
Definitions: modified/transferred content/symbol renumbered:	F21S	4/001 (modified/transferred content; symbol renumbered to **4/10**)
	F21S	4/003 (transferred content; symbol renumbered to **4/20**)
	F21S	4/008 (transferred content; symbol renumbered to **4/28**)

The following subclass is also impacted by this Notice of Changes:

F21K

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 Notice(s)

☐   C. New, Modified or Deleted Note(s)

☐   D. New, Modified or Deleted Guidance Heading(s)

2.   DEFINITIONS (New or Modified)
☐   A. DEFINITIONS (Full definition template)

☒   B. DEFINITIONS (Definitions Quick Fix)

3. ☒ REVISION CONCORDANCE LIST (RCL)

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

5. ☒ CROSS-REFERENCE LIST (CRL)

1.   CLASSIFICATION SCHEME CHANGES

A.   New, Modified or Deleted Group(s)

SUBCLASS F21S - NON-PORTABLE LIGHTING DEVICES OR SYSTEMS THEREOF

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	F21S2/005	1	{of modular construction}	
U	F21S4/00	0	Lighting devices or systems using a string or strip of light sources	
D	F21S4/001			\<administrative transfer to F21S4/10>
D	F21S4/002			\<administrative transfer to F21S4/15>
D	F21S4/003			\<administrative transfer to F21S4/20>
D	F21S4/005			\<administrative transfer to F21S4/22>
D	F21S4/006			\<administrative transfer to F21S4/24>
D	F21S4/007			\<administrative transfer to F21S4/26>
D	F21S4/008			\<administrative transfer to F21S4/28>
N	F21S4/10	1	with light sources attached to loose electric cables, e.g. Christmas tree lights	
N	F21S4/15	2	the cables forming a grid, net or web structure	
N	F21S4/20	1	with light sources held by or within elongate supports	
N	F21S4/22	2	flexible or deformable, e.g. into a curved shape	
N	F21S4/24	3	of ribbon or tape form, e.g. LED tapes	
N	F21S4/26	3	of rope form, e.g. LED lighting ropes, or of tubular form	
N	F21S4/28	2	rigid, e.g. LED bars	

*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".

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>
F21S4/001	References relevant to classification in this group		<u>Delete</u> entire section.
F21S4/001	Informative references		Insert as **first** row: String rigidly mounted on a frame or included in a resin F21S4/20
F21S4/001	Symbol		F21S4/10
F21S4/003	Symbol		F21S4/20
F21S4/008	Symbol		F21S4/28

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.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	F21S4/001	\<administrative transfer to F21S4/10\>
D	F21S4/002	\<administrative transfer to F21S4/15\>
D	F21S4/003	\<administrative transfer to F21S4/20\>
D	F21S4/005	\<administrative transfer to F21S4/22\>
D	F21S4/006	\<administrative transfer to F21S4/24\>
D	F21S4/007	\<administrative transfer to F21S4/26\>
D	F21S4/008	\<administrative transfer to F21S4/28\>

* 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.

NOTES:
- Only C, D, and Q type entries are included in the table above.
- When multiple symbols are included in the "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".

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

CPC	**IPC**	**Action***
F21S4/001		DELETE
F21S4/002		DELETE
F21S4/003		DELETE
F21S4/005		DELETE
F21S4/006		DELETE
F21S4/007		DELETE
F21S4/008		DELETE
F21S4/10	F21S4/10	NEW
F21S4/15	F21S4/15	NEW
F21S4/20	F21S4/20	NEW
F21S4/22	F21S4/22	NEW
F21S4/24	F21S4/24	NEW
F21S4/26	F21S4/26	NEW
F21S4/28	F21S4/28	NEW

*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.
   • E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
F21K9/00	F21S4/003	Informative references	Lighting devices using a string rigidly mounted on a frame or included in a resin F21S4/20
F21S8/00	F21S4/001	Informative references	String of lamps connected with electric wires F21S4/10

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.