

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>	
Symbols deleted:	F21L	7/00	
	F21L	11/00	
Symbols deleted pending reclassification (frozen (F)):	F21L	2001/00	
	F21L	2003/00	
	F21L	2005/00	
	F21L	15/00	
	F21L	15/02	
	F21L	15/04	
	F21L	15/06	
	F21L	15/08	
	F21L	15/10	
	F21L	15/14	
	F21L	25/00	
Title wording change:	F21L	19/00	
Modified Definitions (no frozen (F) symbol definitions should be deleted):	F21L	subclass	
	F21L	19/00	
Scheme Warning Notices to be modified	F21V	subclass	
Scheme Warning Notices to be added:	F21L	2001/00	
	F21L	2003/00	
	F21L	2005/00	
	F21L	2/00	
	F21L	4/00	
	F21L	15/00	
	F21L	15/02	
	F21L	15/04	
	F21L	15/06	
	F21L	15/08	
	F21L	15/10	
	F21L	15/14	
	F21L	25/00	
		F21V	3/00
	F21V	5/00	

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	F21V	7/00
	F21V	9/08
	F21V	11/00
	F21V	13/00
	F21V	14/025
	F21V	14/045
	F21V	14/065
	F21V	14/085
	F21V	19/00
	F21V	21/08
	F21V	21/14
	F21V	23/00
	F21V	35/00
	F21V	37/00

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):

H01F, F16M, F21V, H02K

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)

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS F21L - LIGHTING DEVICES OR SYSTEMS THEREOF, BEING PORTABLE OR SPECIALLY ADAPTED FOR TRANSPORTATION**

<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>
U	F21L		LIGHTING DEVICES OR SYSTEMS THEREOF, BEING PORTABLE OR SPECIALLY ADAPTED FOR TRANSPORTATION	
F	F21L2001/00	0	{ Portable electric lighting devices employing point-like light sources; Portable lighting devices employing light sources of unspecified shape, e.g. inspection lamps for mains connection }	F21L2/00, F21L4/00-F21L4/085
F	F21L2003/00	0	{ Portable electric lighting devices employing linear light sources }	F21L2/00, F21L4/00-F21L4/085
F	F21L2005/00	0	{ Portable electric lighting devices employing light sources of shapes not covered by group F21L2001/00 or F21L2003/00 }	F21L2/00, F21L4/00-F21L4/085
D	F21L7/00	0	Torches or pocket-lamps with built-in batteries (F21L4/00 takes precedence)	<administrative transfer to F21L2/00>
D	F21L11/00	0	{ Portable lighting devices with built-in batteries or accumulators, not covered by group F21L4/00 or F21L7/00, e.g. miners' hand-lamps }	<administrative transfer to F21L2/00>
F	F21L15/00	0	{ Details of kinds solely applicable to the devices covered by groups F21L2/00 - F21L14/00 }	F21L2/00, F21L4/00-F21L4/085
F	F21L15/02	1	{ concerned with light emission or distribution }	F21L2/00, F21L4/00-F21L4/085, F21V3/00-F21V3/049, F21V5/00-F21V5/08, F21V7/00-F21V7/22, F21V13/00-F21V13/14, F21V14/025, F21V14/045, F21V14/065
F	F21L15/04	2	{ Arrangements of coloured filters or screens }	F21L2/00, F21L4/00-F21L4/085, F21V9/08-F21V9/12, F21V11/00-F21V11/186, F21V14/085
F	F21L15/06	1	{ concerned with the fitting }	F21L2/00, F21L4/00-F21L4/085, F21V19/00-

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

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#
				F21V19/04, F21V23/00-F21V23/06
F	F21L15/08	2	{Supporting and suspending elements}	F21L2/00, F21L4/00-F21L4/085, F21V21/08-F21V21/0965, F21V21/14-F21V21/32
F	F21L15/10	3	{without arrangements for adjustment }	F21L2/00, F21L4/00-F21L4/085, F21V21/08-F21V21/0965
F	F21L15/14	4	{Clips; Clamps; Head fittings (for medical purposes A61B1/06)}	F21L2/00, F21L4/00-F21L4/085, F21V21/08-F21V21/0965
M	F21L19/00	0	Lanterns, e.g. hurricane lamps or candle lamps	
F	F21L25/00	0	{Details of kinds solely applicable to the devices covered by groups F21L17/00 - F21L23/00}	F21L2/00, F21L4/00-F21L4/085, F21V35/00-F21V35/006, F21V37/00-F21V37/02

*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 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).
- 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 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>” 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”.

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

B. New, Modified or Deleted Warning notice(s)**F21L - LIGHTING DEVICES OR SYSTEMS THEREOF, BEING PORTABLE OR SPECIALLY ADAPTED FOR TRANSPORTATION**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	F21L2/00		Group F21L2/00 is incomplete pending reclassification of documents from groups F21L15/00 - F21L15/14, F21L2001/00, F21L2003/00, F21L2005/00 and F21L25/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L4/00		Groups F21L4/00 - F21L4/085 are incomplete pending reclassification of documents from groups F21L15/00 - F21L15/14, F21L2001/00, F21L2003/00, F21L2005/00 and F21L25/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L2001/00		Group F21L2001/00 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00 - F21L4/085. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L2003/00		Group F21L2003/00 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00 - F21L4/085. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L2005/00		Group F21L2005/00 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00 - F21L4/085. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L15/00		Group F21L15/00 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
			F21L2/00, F21L4/00-F21L4/085. Groups F21L15/00, F21L2/00, and F21L4/00 - F21L4/085 should be considered in order to perform a complete search.
N	F21L15/02		Group F21L15/02 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00-F21L4/085, F21V3/00-F21V3/049, F21V5/00-F21V5/08, F21V7/00-F21V7/22, F21V13/00-F21V13/14, F21V14/025, F21V14/045, and F21V14/065. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L 15/04		Group F21L15/04 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00-F21L4/085, F21V9/08-F21V9/12, F21V11/00-F21V11/186, and F21V14/085. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L 15/06		Group F21L15/06 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00-F21L4/085, F21V19/00-F21V19/04, and F21V23/00-F21V23/06. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L 15/08		Group F21L15/08 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00-F21L4/085, F21V21/08-F21V21/0965, and F21V21/14-F21V21/32. All groups listed in this Warning should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	F21L 15/10		Group F21L15/10 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00-F21L4/085, and F21V21/08-F21V21/0965. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L 15/14		Group F21L15/14 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00-F21L4/085, and F21V21/08-F21V21/0965. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21L25/00		Group F21L25/00 is no longer used for the classification of documents as of February 1, 2017. The content of this group is being reclassified into groups F21L2/00, F21L4/00 - F21L4/085, F21V35/00 - F21V35/006, and F21V37/00 - F21V37/02. All groups listed in this Warning should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

F21V - DETAILS OF LIGHTING DEVICES, OF GENERAL APPLICATION

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
M	F21V	The following IPC groups are not used in the CPC system. Subject matter ... groups:	The following IPC groups are not used in the CPC scheme. Subject matter ... groups:
N	F21V3/00		Groups F21V3/00 - F21V3/049 are incomplete pending reclassification of documents from group F21L15/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V5/00		Groups F21V5/00 - F21V5/08 are incomplete pending reclassification of documents from group F21L15/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V7/00		Groups F21V7/00 - F21V7/22 are incomplete pending reclassification of documents from group F21L15/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V9/08		Groups F21V9/08 - F21V9/12 are incomplete pending reclassification of documents from group F21L15/04. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V11/00		Groups F21V11/00 - F21V11/186 are incomplete pending reclassification of documents from group F21L15/04. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V13/00		Groups F21V13/00 - F21V13/14 are incomplete pending reclassification of documents from group F21L15/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V14/025		Group F21V14/025 is incomplete pending reclassification of documents from group F21L15/02. All groups listed in this Warning should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	F21V14/045		Group F21V14/045 is incomplete pending reclassification of documents from group F21L15/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V14/065		Group F21V14/065 is incomplete pending reclassification of documents from group F21L15/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V14/085		Group F21V14/085 is incomplete pending reclassification of documents from group F21L15/04. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V19/00		Groups F21V19/00 - F21V19/04 are incomplete pending reclassification of documents from group F21L15/06. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V21/08		Groups F21V21/08 - F21V21/0965 are incomplete pending reclassification of documents from groups F21L15/08, F21L15/10 and F21L15/14. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V21/14		Groups F21V21/14 - F21V21/32 are incomplete pending reclassification of documents from group F21L15/08. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V23/00		Groups F21V23/00 - F21V23/06 are incomplete pending reclassification of documents from group F21L15/06. All groups listed in this Warning should be considered in order to perform a complete search.
N	F21V35/00		Groups F21V35/00 - F21V35/006 are incomplete pending reclassification of documents from group F21L25/00. All groups listed in this Warning should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	F21V37/00		Groups F21V37/00 - F21V37/02 are incomplete pending reclassification of documents from group F21L25/00. All groups listed in this Warning 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.

2. A. DEFINITIONS (modified)

F21L

Definition statement

Replace the existing **Definition statement** with the following:

This place covers:

- Lighting devices or systems of lighting devices which are specially adapted to be carried, e.g. by hand, or otherwise transported from place to place, e.g. on wheeled supports, in order to provide illumination where required. The light sources of the lighting devices may be either electrically powered (e.g. by electric batteries, electric cells, electric generators or cables for electric mains connection) or non-electrically powered (e.g. by combustion or daylight).
- Details and components specially adapted to be used for carrying or transporting lighting devices or systems of lighting devices.

Insert: The following new **Relationships with other classification places** section with the following:

Relationships with other classification places

The borderline between subclasses **F21L** and **F21S** is defined by the words "portable" and "fixed", not by "movable" and "non-movable". For example, lighting devices or systems used in the operation of vehicles, e.g. headlights, which are fixed on the vehicle and move together with the vehicle when it is travelling are considered to be non-portable, since they are components of the vehicle and fixed relative to the remainder of the vehicle at a permanent location. Such lighting devices are classified in subclass **F21S**. Lighting devices transported by a vehicle between locations and used for lighting purposes not related to the operation of the vehicle are classified in **F21L**.

Functional features or details of lighting devices or systems are classified in subclass **F21V**.

Structural combinations of lighting devices with other articles are classified in **F21V 33/00**, unless specifically provided for in this subclass or elsewhere in the CPC.

DATE: FEBRUARY 1, 2017

PROJECT RP0416

Light sources per se are covered in places indicated in the section “Informative references”.

In this subclass, it is desirable to add the indexing codes of subclass [F21W](#) in order to indicate the uses or applications of lighting devices, and of [F21Y](#) in order to indicate the form of the light sources of lighting devices.

References

Delete: The existing **Limiting references** section and table.

Insert: The following new **Application-oriented references** section and table.

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Light pointers	G02B27/20
Flash units for photography	G03B15/03
Transportable traffic lights	G08G1/0955

Informative references

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

Delete: From the existing **Informative references** table, in the second column, the symbol expression [F21L15/00](#) - [F21L15/14](#) for the row “Details of portable lighting devices” in the first column.

Insert: The following new rows into the existing **Informative references** table.

Arrangement or adaptation of portable emergency signal devices on vehicles to be placed on roadways or vehicles	B60Q7/00
Candles	C11C5/00
Incandescent bodies heated by combustion. e.g. mantles	F21H
Non-electric light sources using luminescence	F21K2/00
Light sources using electrochemiluminescence	F21K2/08

DATE: FEBRUARY 1, 2017

PROJECT RP0416

Light sources using charges of combustible material, e.g. illuminating flash devices	F21K5/00
Light sources using semiconductor devices as light generating elements, e.g. using light-emitting diodes [LED] or lasers	F21K9/00
Light sources not otherwise provided for	F21K99/00
Devices or systems intended for fixed installation, e.g. vehicle lighting, or for use essentially at a permanent location	F21S
Lighting devices intended to be free standing, e.g. table lamp or floor lamp	F21S6/00
Non-electric lighting devices intended to be free-standing, e.g. table lamp, floor lamp	F21S13/12
Candle holders	F21V35/00
Burners	F23D
Fireworks	F42B4/00
Electric discharge tubes or discharge lamps	H01J
Electric incandescent lamps	H01K
Semiconductor devices specially adapted for light emission	H01L33/00
Organic semiconductor devices specially adapted for light emission	H01L51/50
Fastening electric light sources solely by the coupling device	H01R33/00
Masers, lasers	H01S
Electric arc lamps	H05B31/00
Electroluminescent light sources	H05B33/00
Electric light sources using a combination of different types of light generation	H05B35/00

Special rules of classification

Replace the existing ***Special rules of classification*** with the following text:

Non-electric lighting devices are classified in groups [F21L17/00](#) - [F21L26/00](#) only if a special adaptation related to the use of a non-electric light source is of interest. If there is no such special adaptation, classification is made in a relevant general place. In this subclass, it is desirable to add the Indexing Codes of subclasses [F21W](#) and [F21Y](#).

DATE: FEBRUARY 1, 2017

PROJECT RP0416

Insert: The following new **Glossary of Terms** section and table.

Glossary of terms

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

Light source	The entity (e.g. light bulb, fluorescent tube, gas mantle or combustible charge) that generates light for a lighting device.
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F21L19/00

Insert: The new **Informative references** section and table.

References

Informative references

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

Candle holders	F21V35/00
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Delete: The existing **Limiting references** section and table.

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

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>
F21L7/00			Delete the entire definition
F21L11/00			Delete the 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 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
F	F21L2001/00	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085
F	F21L2003/00	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085
F	F21L2005/00	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085
D	F21L7/00	<administrative transfer to F21L 2/00>
D	F21L11/00	<administrative transfer to F21L 2/00>
F	F21L15/00	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085
F	F21L15/02	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085, F21V3/00, F21V3/02, F21V3/023, F21V3/026, F21V3/04, F21V3/0409, F21V3/0418, F21V3/0427, F21V3/0436, F21V3/0445, F21V3/0454, F21V3/0463, F21V3/0472, F21V3/0481, F21V3/049, F21V5/00, F21V5/002, F21V5/003, F21V5/004, F21V5/005, F21V5/006, F21V5/007, F21V5/008, F21V5/02, F21V5/04, F21V5/041, F21V5/043, F21V5/045, F21V5/046, F21V5/048, F21V5/06, F21V5/08, F21V7/00, F21V7/0008, F21V7/0016, F21V7/0025, F21V7/0033, F21V7/0041, F21V7/005, F21V7/0058, F21V7/0066, F21V7/0075, F21V7/0083, F21V7/0091, F21V7/04, F21V7/041, F21V7/043, F21V7/045, F21V7/046, F21V7/048, F21V7/05, F21V7/06, F21V7/07, F21V7/08, F21V7/09, F21V7/10, F21V7/16, F21V7/18, F21V7/22, F21V13/00, F21V13/02, F21V13/04, F21V13/045, F21V13/06, F21V13/08, F21V13/10, F21V13/12, F21V13/14, F21V14/025, F21V14/045, F21V14/065
F	F21L15/04	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085, F21V9/08, F21V9/083, F21V9/10, F21V9/12, F21V11/00, F21V11/02, F21V11/04, F21V11/06, F21V11/065, F21V11/08, F21V11/10, F21V11/12, F21V11/14, F21V11/16, F21V11/18, F21V11/183, F21V11/186, F21V14/085

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
F	F21L15/06	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085, F21V19/00, F21V19/0005, F21V19/001, F21V19/0015, F21V19/002, F21V19/0025, F21V19/003, F21V19/0035, F21V19/004, F21V19/0045, F21V19/005, F21V19/0055, F21V19/006, F21V19/0065, F21V19/007, F21V19/0075, F21V19/008, F21V19/0085, F21V19/009, F21V19/0095, F21V19/02, F21V19/04, F21V19/042, F21V19/045, F21V19/047, F21V19/06, F21V23/00, F21V23/001, F21V23/002, F21V23/003, F21V23/004, F21V23/005, F21V23/006, F21V23/007, F21V23/008, F21V23/009, F21V23/02, F21V23/023, F21V23/026, F21V23/04, F21V23/0407, F21V23/0414, F21V23/0421, F21V23/0428, F21V23/0435, F21V23/0442, F21V23/045, F21V23/0457, F21V23/0464, F21V23/0471, F21V23/0478, F21V23/0485, F21V23/0492, F21V23/06
F	F21L15/08	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085, F21V21/08, F21V21/0808, F21V21/0816, F21V21/0824, F21V21/0832, F21V21/084, F21V21/088, F21V21/0885, F21V21/092, F21V21/0925, F21V21/096, F21V21/0965, F21V21/14, F21V21/145, F21V21/15, F21V21/16, F21V21/18, F21V21/20, F21V21/22, F21V21/24, F21V21/26, F21V21/28, F21V21/29, F21V21/30, F21V21/32
F	F21L15/10	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085, F21V21/08, F21V21/0808, F21V21/0816, F21V21/0824, F21V21/0832, F21V21/084, F21V21/088, F21V21/0885, F21V21/092, F21V21/0925, F21V21/096, F21V21/0965
F	F21L15/14	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085, F21V21/08, F21V21/0808, F21V21/0816, F21V21/0824, F21V21/0832, F21V21/084, F21V21/088, F21V21/0885, F21V21/092, F21V21/0925, F21V21/096, F21V21/0965

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
F	F21L25/00	F21L2/00, F21L4/00, F21L4/005, F21L4/02, F21L4/022, F21L4/025, F21L4/027, F21L4/04, F21L4/045, F21L4/06, F21L4/08, F21L4/085, F21V35/00, F21V35/003, F21V35/006, F21V37/00, F21V37/0004, F21V37/0008, F21V37/0012, F21V37/0016, F21V37/002, F21V37/0025, F21V37/0029, F21V37/0033, F21V37/0037, F21V37/0041, F21V37/0045, F21V37/005, F21V37/0054, F21V37/0058, F21V37/0062, F21V37/0066, F21V37/007, F21V37/0075, F21V37/0079, F21V37/0083, F21V37/0087, F21V37/0091, F21V37/0095, F21V37/02

* 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, F 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”.

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
F21L7/00		Delete
F21L11/00		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.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

CPC NOTICE OF CHANGES 348

DATE: FEBRUARY 1, 2017

PROJECT RP0416

5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
H01F7/06	F21L11/00	Delete text and symbol: magnetically locked mine lamps F21L11/00

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>
F16M11/20	F21L15/08	Informative references	Delete the existing row (text and symbol)
F21V5/00	F21L15/02	Informative references	Delete the existing row (text and symbol)
F21V7/00	F21L15/02	Informative references	Delete the existing row (text and symbol)
F21V9/00	F21L15/04	Informative references	Delete the existing row (text and symbol)
F21V13/00	F21L15/02	Informative references	Delete the existing row (text and symbol)
F21V14/00	F21L15/02	Informative references	Delete the existing row (text and symbol)
F21V21/084	F21L15/14	Informative references	Delete the existing row (text and symbol)
F21V21/0885	F21L15/14	Informative references	Delete the entire definition
F21V21/406	F21L15/08	Informative references	Delete the entire definition
F21V23/04	F21L15/06	Informative references	Delete the existing row (text and symbol)
H02K7/18	F21L11/00	Informative references	Delete the symbol F21L11/00

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.