EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 461

DATE: FEBRUARY 1, 2018

PROJECT MP0388

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

Action	**Subclass**	**Group(s)**
SCHEME:		
Titles Changed:	F21K	subclass
	F21K	2/00
	F21K	5/00
DEFINITIONS:		
Definition New:	F21K	99/00
Definitions Modified:	F21K	2/00, 5/00

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

A. New, Modified or Deleted Group(s)

SUBCLASS F21K - LIGHT SOURCES NOT OTHERWISE PROVIDED FOR

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#**
M	F21K	subclass	NON-ELECTRIC LIGHT SOURCES USING LUMINESCENCE; LIGHT SOURCES USING ELECTROCHEMILUMINESCENCE; LIGHT SOURCES USING CHARGES OF COMBUSTIBLE MATERIAL; LIGHT SOURCES USING SEMICONDUCTOR DEVICES AS LIGHT-GENERATING ELEMENTS; LIGHT SOURCES NOT OTHERWISE PROVIDED FOR	
M	F21K2/00	0	Non-electric light sources using luminescence (using excitation by radioactivity G21H 3/02, H01J 65/06, H01J 65/08; using excitation by an external electromagnetic field or by external corpuscular radiation H01J 65/04); Light sources using electrochemiluminescence	
M	F21K5/00	0	Light sources using charges of combustible material, e.g. illuminating flash devices	

*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".

2. A. DEFINITIONS (Modified)

F21K2/00

Replace the existing **title** with the following:

Non-electric light sources using luminescence (using excitation by radioactivity G21H 3/02, H01J 65/06, H01J 65/08; using excitation by an external electromagnetic field or by external corpuscular radiation H01J 65/04); Light sources using electrochemiluminescence

Definition statement

Replace the existing Definition statement with the following statement:

Light sources that emit light by effects other than thermal radiation and that do not use electric power for the generation of light, for example chemoluminescent, triboluminescent or thermoluminescent light sources.

Chemoluminescent light sources activated by an electric field.

Insert the following new Relationships with other classification places section.

Relationships with other classification places

This group covers light sources per se. The application or incorporation of light sources in lighting devices or systems is covered by subclasses for lighting devices or systems. The structural combination of light sources or lighting devices with other articles is covered by the places for those articles or, if no such place exists, in F21V 33/00.
In this group, it is desirable to add the indexing codes of subclasses F21W and F21Y.

Limiting references

Add the following four new rows to the existing Limiting references table.

Using a radioactive source to excite a material into luminescence	G21H 3/02
Lamps in which a gas filling is excited to luminesce by an external electromagnetic field or by external corpuscular radiation	H01J 65/04
Lamps in which a gas filling is excited to luminesce by radioactive material structurally associated with the lamp	H01J 65/06
Lamps, other than those in which all the electrodes are within the vessel, in which a screen or coating is excited to luminesce by radioactive material located inside the vessel	H01J65/08

Delete the following existing row from the Limiting references table.

Light sources using a charge of combustible material	F21K 5/00

References out of a residual place

Delete the entire References out of a residual place section and table.

Insert the following new Application-oriented references section.

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:

Lighting devices or systems thereof, being portable or specially adapted for transportation	F21L
Non-portable lighting devices; Systems thereof	F21S

Functional features or details of lighting devices or systems thereof; Structural combinations of lighting devices with other articles, not otherwise provided for	F21V

Informative references

Insert the following nine new rows in the existing Informative references table:

Light sources using semiconductor devices as light generating elements, e.g. using light emitting diodes [LED] or lasers	F21K 9/00
Using photoluminescent materials for modifying spectral characteristics of the light emitted by lighting devices	F21V 1/17, F21V 3/08, F21V 3/12, F21V 5/10, F21V 7/26, F21V 7/30, F21V 9/30 - F21V 9/38, F21V 9/45, F21V 13/08, F21V 13/14
Frequency changing of light	G02F2/02
Electric discharge tubes or discharge lamps	H01J
Transforming the wavelength of the light of gas- or vapour-discharge lamps by luminescence	H01J 61/42
Semiconductor devices specially adapted for light emission	H01L 33/00
Organic semiconductor devices specially adapted for light emission	H01L 51/50
Semiconductor lasers	H01S 5/00
Electroluminescent light sources	H05B 33/00

F21K5/00

Replace the existing title with the following title:

Light sources using charges of combustible material, e.g. illuminating flash devices

Insert the following new Definition statement section:

Definition statement

This place covers:

Light sources, for example illuminating flash devices, in which light is generated by charges of explosive or combustible materials.

Insert the following new Relationships with other classification places section.

Relationships with other classification places

This group covers light sources per se. The application or incorporation of light sources in lighting devices or systems is covered by subclasses for lighting devices or systems. The structural combination of light sources or lighting devices with other articles is covered by the places for those articles or, if no such place exists, in F21V 33/00.
In this group, it is desirable to add the indexing codes of subclasses F21W and F21Y.

Insert the following new Application-oriented references section.

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:

Lighting devices or systems thereof, being portable or specially adapted for transportation	F21L
Non-portable lighting devices; Systems thereof	F21S
Functional features or details of lighting devices or systems thereof; Structural combinations of lighting devices with other articles, not otherwise provided for	F21V
Fireworks	F42B4/00
Flares; Torches	F42B 4/26
Projectiles or missiles of illuminating type, e.g. carrying flares	F42B 12/42
Photographic flash units	G03B15/03

References out of a residual place

Delete the entire References out of a residual place section.

Insert the following new Informative references section:

Informative references

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

Explosive or thermic compositions	C06B
Candles	C11C 5/00
Burners	F23D
Circuit arrangements	H05B 43/02

2. A. DEFINITIONS (New)

Insert the following new Definition F21K 99/00:

F21K 99/00

Subject matter not provided for in other groups of this subclass

Definition statement

This place covers:

Light sources that are not provided for elsewhere in the CPC.

Relationships with other classification places

This group covers light sources per se. The application or incorporation of light sources in lighting devices or systems is covered by subclasses for lighting devices or systems. The structural combination of light sources or lighting devices with other articles is covered by the places for those articles or, if no such place exists, in F21V 33/00.
In this group, it is desirable to add the indexing codes of subclasses F21W and F21Y.

References

References out of a residual place

Examples of places in relation to which this place is residual:

Luminescent materials	C09K 11/00
Candles	C11C 5/00
Incandescent mantles; Other incandescent bodies heated by combustion	F21H
Lighting devices or systems thereof, being portable or specially adapted for transportation	F21L
Non-portable lighting devices; Systems thereof	F21S

Functional features or details of lighting devices or systems thereof; Structural combinations of lighting devices with other articles, not otherwise provided for	F21V
Non-electric light sources using luminescence	F21K 2/00
Light sources using electrochemiluminescence	F21K 2/08
Light sources using charges of combustible material, e.g. illuminating flash devices	F21K 5/00
Light sources using semiconductor devices as light generating elements, e.g. using light emitting diodes [LED] or lasers	F21K 9/00
Burners	F23D
Fireworks	F42B 4/00
Electric discharge tubes or discharge lamps	H01J
Electric incandescent lamps	H01K
Semiconductor devices specially adapted for light emission	H01L 33/00
Organic semiconductor devices specially adapted for light emission	H01L 51/50
Masers, lasers	H01S
Electric arc lamps	H05B 31/00
Electroluminescent light sources	H05B 33/00
Electric light sources using a combination of different types of light generation	H05B 35/00
Circuit arrangements	H05B 37/00, H05B 43/00

Special rules of classification

If the disclosure gives no indication as to whether it relates to electrical means or not, it should be classified as if it were in fact electric.