

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 577

DATE: JANUARY 1, 2019

PROJECT MP0437

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Titles Changed:	F21L	2/00
	F21L	27/00
	F41G	1/34
	G02B	26/00
	G03B	27/04
	G09F	13/44
	H01J	61/96
	H01K	SUBCLASS
	H01K	7/02
	H01L	SUBCLASS
	H01L	27/14
	H01L	31/14
<b>DEFINITIONS:</b>		
Definitions Modified:	F21L	2/00
	F21L	4/00, 4/04, 4/06, 4/08
	G02B	26/00
	H01J	61/96
	H01K	SUBCLASS
	H01L	27/14

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

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**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 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</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	F21L 2/00	0	Systems of electric lighting devices (systems employing both electric and non-electric light sources or exchangeable light sources F21L 27/00)	
M	F21L 27/00	0	Lighting devices or systems, employing combinations of electric and non-electric light sources; Replacing or exchanging electric light sources with non-electric light sources or <u>vice versa</u> in lighting devices or systems	

**SUBCLASS F41G - WEAPON SIGHTS; AIMING**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	F41G 1/34	2	combined with light source, e.g. spot light	

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**SUBCLASS G02B - OPTICAL ELEMENTS, SYSTEMS, OR APPARATUS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G02B 26/00	0	Optical devices or arrangements using movable or deformable optical elements for controlling the intensity, colour, phase, polarisation or direction of light, e.g. switching, gating, modulating (mechanically operable parts of lighting devices for the control of light order F21V; specially adapted for measuring characteristics of light G01J; devices or arrangements, the optical operation of which is modified by changing the optical properties of the medium of the devices or arrangements G02F 1/00; control of light in general G05D 25/00; control of light sources H01S 3/10, H05B 37/00 - H05B 43/00)	

**SUBCLASS G03B - APPARATUS OR ARRANGEMENTS FOR TAKING PHOTOGRAPHS OR FOR PROJECTING OR VIEWING THEM; APPARATUS OR ARRANGEMENTS EMPLOYING ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ACCESSORIES THEREFOR**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G03B 27/04	2	Copying apparatus without a relative movement between the original and the light source during exposure, e.g. printing frame or printing box	

**SUBCLASS G09F - DISPLAYING; ADVERTISING; SIGNS; LABELS OR NAME-PLATES; SEALS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G09F 13/44	1	with gas as lighting source	

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**SUBCLASS H01J - ELECTRIC DISCHARGE TUBES OR DISCHARGE LAMPS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	H01J 61/96	1	Lamps with light-emitting discharge path and separately-heated incandescent body within a common envelope, e.g. for simulating daylight	

**SUBCLASS H01K - ELECTRIC INCANDESCENT LAMPS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	H01K	Subclass	ELECTRIC INCANDESCENT LAMPS (details, apparatus or processes for manufacture applicable to both discharge devices and incandescent lamps H01J; light sources using a combination of incandescent and other types of light generation H01J 61/96, H05B 35/00)	
M	H01K 7/02	1	for producing a narrow beam of light; for approximating a point-like source of light, e.g. for searchlight, for cinematographic projector (producing narrow beams by optical means external to lamp F21V)	

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

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	H01L	Subclass	SEMICONDUCTOR DEVICES; ELECTRIC SOLID STATE DEVICES NOT OTHERWISE PROVIDED FOR (use of semiconductor devices for measuring G01; resistors in general H01C; magnets, inductors, transformers H01F; capacitors in general H01G; electrolytic devices H01G 9/00; batteries, accumulators H01M; waveguides, resonators, or lines of the waveguide type H01P; line connectors, current collectors H01R; stimulated-emission devices H01S; electromechanical resonators H03H; loudspeakers, microphones, gramophone pick-ups or like acoustic electromechanical transducers H04R; electric light sources in general H05B; printed circuits, hybrid circuits, casings or constructional details of electrical apparatus, manufacture of assemblages of electrical components H05K; use of semiconductor devices in circuits having a particular application, see the subclass for the application)	
M	H01L 27/14	1	including semiconductor components sensitive to infra-red radiation, light, electromagnetic radiation of shorter wavelength or corpuscular radiation and specially adapted either for the conversion of the energy of such radiation into electrical energy or for the control of electrical energy by such radiation (radiation-sensitive components structurally associated with one or more electric light sources only H01L 31/14; couplings of light guides with optoelectronic elements G02B 6/42)	
M	H01L 31/14	2	the light source or sources being controlled by the semiconductor device sensitive to radiation, e.g. image converters, image amplifiers or image storage 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:

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- \*\*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).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). 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 .
- “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>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

## 2. A. DEFINITIONS (modified)

### F21L2/00

#### Definition statement

*This place covers:*

**Delete:** The following line and image from the Definition statement section:

Ex.: US2006262525

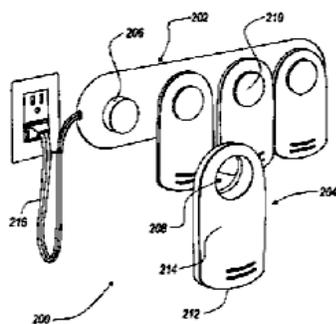
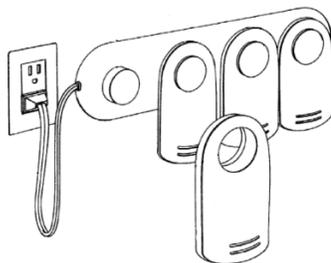


FIG. 17

**Insert:** The following new line and image into the Definition statement section:

The following image shows an example of an identical portable lighting system.



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## References

### Limiting references

*This place does not cover:*

**Delete:** The following row from the **Limiting references** table:

Systems employing lighting devices with a built-in power supply, the lighting devices not being "portable"	F21S 9/00
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**Insert:** The following new row into the **Limiting references** table:

Systems employing both electric and non-electric light sources or exchangeable light sources	F21L 27/00
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### Informative references

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

**Delete:** The following row from the **Informative references** table:

Systems employing both electric and non-electric light sources or exchangeable light sources	F21L 27/00
--	------------

**Insert:** The following new row into the **Informative references** table:

Systems employing lighting devices with a built-in power supply, the lighting devices not being "portable"	F21S 9/00
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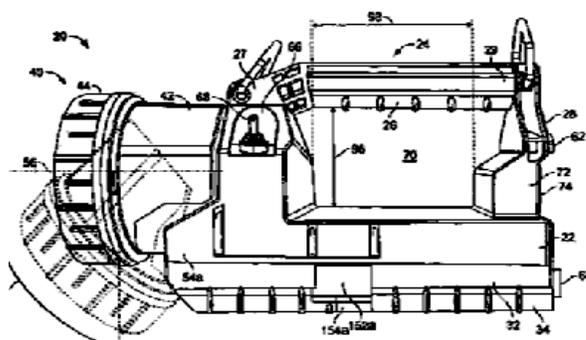
## F21L4/04

### Definition statement

*This place covers:*

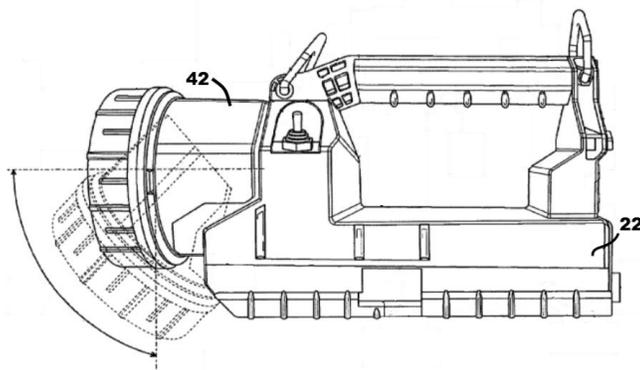
**Delete:** The following line and image from the **Definition statement** section:

Ex.: US2008225518



**Insert:** The following new line and image into the Definition statement section:

The following illustration shows light source housing (42) adjustably fixed to lantern body (22).



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## References

### *Limiting references*

*This place does not cover:*

**Delete:** The entire **Limiting references** section and table:

Head portion attached to body part by means of flexible connecting sheath comprising electrical wires	F21L 4/06
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### *Informative references*

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

**Insert:** The following new row into the **Informative references** table:

Head portion attached to body part by means of flexible connecting sheath comprising electrical wires	F21L 4/06
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## F21L4/06

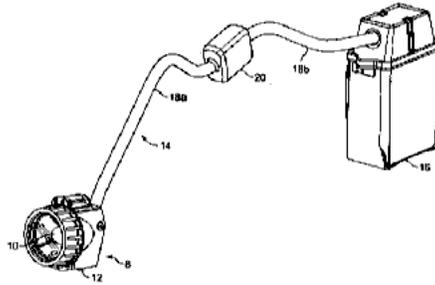
### Definition statement

*This place covers:*

**Delete:** The following lines and image from the **Definition statement** section:

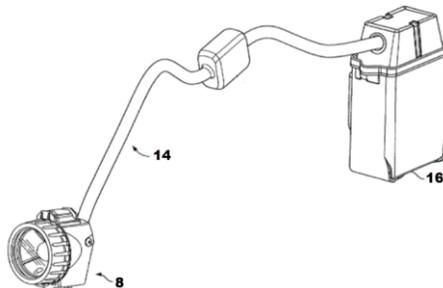
For example, head portion attached to body part by means of flexible connecting sheath comprising electrical wires

Ex.: EP2078894



**Replace:** With the following new line and image into the **Definition statement** section:

For example, note the following figure showing head portion (8) attached to body part (16) by means of flexible connecting sheath comprising electrical wires (14).



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## References

### *Limiting references*

*This place does not cover:*

**Delete:** The entire **Limiting references** section and table:

Portable lighting device with a light source housing portion adjustably fixed to the remainder of the device	F21L 4/04
--	-----------

**Insert:** A new **Informative references** section and the following new row into the **Informative references** table:

### *Informative references*

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

Portable lighting device with a light source housing portion adjustably fixed to the remainder of the device	F21L 4/04
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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>
F21L 4/00	Limiting references	Lighting devices with a built-in power supply not being "portable" F21S9/00	<b>Delete:</b> The entire Limiting references section.
F21L 4/00	Informative references		<b>Insert:</b> The following new section "Informative references" and the following reference.  <b>Informative references</b> <i>Attention is drawn to the following places, which may be of interest for search:</i>  Systems employing lighting devices with a built-in power supply, the lighting devices not being "portable" <b>F21S 9/00</b>
F21L 4/08	Limiting references	Circuit arrangements for charging or depolarising batteries or for supplying loads from batteries H02J7/00	<b>Delete:</b> The entire Limiting references section.
F21L 4/08	Informative references		<b>Insert:</b> The following new section "Informative references" and the following reference.  <b>Informative references</b> <i>Attention is drawn to the following places, which may be of interest for search:</i>  Circuit arrangements for charging or depolarising batteries or for supplying loads from batteries <b>H02J 7/00</b>
G02B26/00	Limiting references	Mechanically operable parts of lighting devices F21V	<b>Replace:</b> The existing reference text with the following text.  Mechanically operable parts of lighting devices for the control of light order
G02B26/00	Limiting references	Active devices changing the optical properties of the medium G02F	<b>Replace:</b> The existing reference text with the following text.  Devices or arrangements, the optical operation of which is modified by changing the optical properties of the medium of the devices or arrangements <b>G02F 1/00</b>

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G02B26/00	Limiting references		<b>Insert:</b> The following new reference in the Limiting references table.  Control of light in general <a href="#">G05D 25/00</a>
G02B26/00	Informative references	control of light in general <a href="#">G05D25/00</a>	<b>Delete:</b> The entire Informative references section.
G02B26/00	Special rules of classification		<b>Insert:</b> The following new section “Special rules of classification” and the following statement.  <b><i>Special rules of classification</i></b>  Looping references between <a href="#">G02B 26/00</a> and <a href="#">G05D 25/00</a> have been identified. Until this inconsistency is resolved, the current classification practice in CPC is as follows: Reference <a href="#">G05D 25/00</a> is non-limiting in the main group <a href="#">G02B 26/00</a> .
H01J61/96	Limiting references	Incandescent lamps with a filament heated only by non-luminous discharge <a href="#">H01K11/00</a>	<b>Delete:</b> The entire Limiting references section.
H01J61/96	Informative references		<b>Insert:</b> The following new section “Informative references” and the following reference.  <b><i>Informative references</i></b> <i>Attention is drawn to the following places, which may be of interest for search:</i>  Incandescent lamps with a filament heated only by non-luminous discharge <a href="#">H01K 11/00</a>
H01K	Limiting references	Circuits therefor <a href="#">H05B39/00</a>	<b>Delete:</b> The following reference.  Circuits therefor <a href="#">H05B 39/00</a>
H01K	Informative references		<b>Insert:</b> The following <u>new</u> reference into the Informative references table.  Circuits therefor <a href="#">H05B 39/00</a>
H01L27/14	Limiting references	Organic semiconductor radiation detecting components <a href="#">H01L27/30</a>	<b>Delete:</b> The reference and symbol from the Limiting references table.
H01L27/14	Limiting references		<b>Insert:</b> The following new references in the Limiting references table.  Radiation-sensitive components structurally associated with one or more electric light sources only <a href="#">H01L 31/14</a>  Couplings of light guides with optoelectronic elements <a href="#">G02B 6/42</a>

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H01L27/14	Informative references	Radiation detecting components H01L 31/00 Radiation-sensitive components structurally associated with one or more electric light sources only H01L 31/14 Couplings of light guides with optoelectronic elements G02B 6/42	<b>Delete:</b> The following references and symbols from the Informative references table.  Radiation-sensitive components structurally associated with one or more electric light sources only <a href="#">H01L 31/14</a>  Couplings of light guides with optoelectronic elements <a href="#">G02B 6/42</a>
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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.