

CPC**COOPERATIVE PATENT CLASSIFICATION****F21L****LIGHTING DEVICES OR SYSTEMS THEREOF, BEING PORTABLE OR SPECIALLY ADAPTED FOR TRANSPORTATION****NOTE**

This subclass covers devices or systems designed or 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 as and where required.

This subclass does not cover devices or systems intended for fixed installation, e.g. vehicle lighting, or for use essentially at a permanent location, which are covered by subclass F21S.

Non-electric lighting devices are classified in groups [F21L 17/00-F21L 26/00](#) only if a special adaptation related to the use of a non-electric light source is of interest.

Electric lighting**F21L 2/00**

Systems of lighting devices (systems employing both electric and non-electric light sources or exchangeable light sources [F21L 27/00](#))

F21L 4/00

Electric lighting devices with self-contained electric batteries or cells

F21L 4/005

. {the device being a pocket lamp ([F21L 4/022](#), [F21L 4/045](#), [F21L 4/085](#) take precedence)}

F21L 4/02

. characterised by the provision of two or more light sources

F21L 4/022

.. {Pocket lamps}

F21L 4/025

... {the light sources being of different shape or type}

F21L 4/027

... {the light sources being a LED}

F21L 4/04

. characterised by the provision of a light source housing portion adjustably fixed to the remainder of the device

F21L 4/045

.. {Pocket lamps}

F21L 4/06

. with the light source coupled to the remainder of the device solely by cable

F21L 4/08

. characterised by means for in situ recharging of the batteries or cells

F21L 4/085

.. {Pocket lamps}

F21L 7/00

Torches or pocket-lamps with built-in batteries ([F21L 4/00](#) takes precedence)

F21L 11/00

Portable lighting devices with built-in batteries or accumulators, not covered by group [F21L 4/00](#) or [F21L 7/00](#), e.g. miners' hand-lamps

F21L 13/00 **Electric lighting devices with built-in electric generators** (with solar cells [F21L 4/00](#))

- F21L 13/02 . with fluid drive
- F21L 13/04 .. actuated by hand
- F21L 13/06 . with mechanical drive, e.g. spring
- F21L 13/08 .. by reciprocating pusher actuated by hand

F21L 14/00 **Electric lighting devices without a self-contained power source, e.g. for mains connection**

- F21L 14/02 . capable of hand-held use, e.g. inspection lamps
- F21L 14/023 .. {having two or more, or different light sources}
- F21L 14/026 .. {having a linear light source}
- F21L 14/04 . carried on wheeled supports

F21L 15/00 **Details of kinds solely applicable to the devices covered by groups [F21L 2/00](#) to [F21L 14/00](#)**

- F21L 15/02 . concerned with light emission or distribution
- F21L 15/04 .. Arrangements of coloured filters or screens
- F21L 15/06 . concerned with the fitting
- F21L 15/08 .. Supporting and suspending elements
- F21L 15/10 ... without arrangements for adjustment
- F21L 15/14 Clips; Clamps; Head fittings (for medical purposes [A61B 1/06](#))

Non-electric lighting (candle holders [F21V 35/00](#); burners, combustion apparatus [F23](#))**F21L 17/00** **Non-electric torches; Non-electric flares****F21L 19/00** **Lanterns, e.g. hurricane lamps or candle lamps** (candle holders [F21V 35/00](#))

- F21L 19/003 . { Fastening or lifting of the lamp glass (fastening of component parts of lighting devices [F21V 17/00](#))}
- F21L 19/006 . { Special adaptation for protection against draughts (in lighting devices employing combustion other than lanterns [F21V 37/02](#))}

F21L 21/00 **Non-electric pocket lamps, e.g. lamps producing sparks****F21L 23/00** **Non-electric hand-lamps for miners**

- F21L 25/00** Details of kinds solely applicable to the devices covered by groups [F21L 17/00](#) to [F21L 23/00](#)
- F21L 26/00** Non-electric portable lighting devices, or systems thereof, not provided for in groups [F21L 17/00](#) to [F21L 23/00](#)
- F21L 27/00** 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 vice versa in lighting devices or systems
- F21L 2001/00** 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
- Portable electric lighting devices
- F21L 2003/00** Portable electric lighting devices employing linear light sources
- F21L 2005/00** Portable electric lighting devices employing light sources of shapes not covered by group [F21L 2001/00](#) or [F21L 2003/00](#)