

# CPC COOPERATIVE PATENT CLASSIFICATION

## F MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING (NOTE omitted)

### LIGHTING; HEATING

**F21 LIGHTING** (electric aspects or elements, [see section H](#), e.g. electric light sources [H01J](#), [H01K](#), [H05B](#))  
(NOTE omitted)

**F21Y INDEXING SCHEME ASSOCIATED WITH SUBCLASSES [F21K](#), [F21L](#), [F21S](#) and [F21V](#), RELATING TO THE FORM OR THE KIND OF THE LIGHT SOURCES OR OF THE COLOUR OF THE LIGHT EMITTED**

#### NOTE

This subclass constitutes an indexing scheme associated with subclasses [F21K](#), [F21L](#), [F21S](#) and [F21V](#), relating to the form or the kind of the light sources, or of the colour of the light emitted.

**2101/00 Point-like light sources**

#### WARNING

Group [F21Y 2101/00](#) is impacted by reclassification into groups [F21Y 2115/00](#), [F21Y 2115/10](#), [F21Y 2115/15](#) and [F21Y 2115/20](#).  
All groups listed in this Warning should be considered in order to perform a complete search.

**2103/00 Elongate light sources, e.g. fluorescent tubes**

#### WARNING

Group [F21Y 2103/00](#) is impacted by reclassification into groups [F21Y 2103/10](#) and [F21Y 2103/20](#).  
All groups listed in this Warning should be considered in order to perform a complete search.

**2103/10** . comprising a linear array of point-like light-generating elements

#### WARNING

Group [F21Y 2103/10](#) is incomplete pending reclassification of documents from group [F21Y 2103/00](#).  
Groups [F21Y 2103/10](#) and [F21Y 2103/00](#) should be considered in order to perform a complete search.

**2103/20** . of polygonal shape, e.g. square or rectangular

#### WARNING

Group [F21Y 2103/20](#) is incomplete pending reclassification of documents from group [F21Y 2103/00](#).  
Groups [F21Y 2103/20](#) and [F21Y 2103/00](#) should be considered in order to perform a complete search.

**2103/30** . curved

**2103/33** . . annular

**2103/37** . . U-shaped

**2105/00 Planar light sources**

#### WARNING

Group [F21Y 2105/00](#) is impacted by reclassification into groups [F21Y 2105/10](#), [F21Y 2105/12](#), [F21Y 2105/14](#), [F21Y 2105/16](#) and [F21Y 2105/18](#).  
All groups listed in this Warning should be considered in order to perform a complete search.

**2105/10** . comprising a two-dimensional array of point-like light-generating elements

#### WARNINGS

- Group [F21Y 2105/10](#) is incomplete pending reclassification of documents from group [F21Y 2105/00](#).  
All groups listed in this Warning should be considered in order to perform a complete search.
- Group [F21Y 2105/00](#) is impacted by reclassification into groups [F21Y 2105/14](#), [F21Y 2105/16](#) and [F21Y 2105/18](#).  
All groups listed in this Warning should be considered in order to perform a complete search.

**2105/12** . . characterised by the geometrical disposition of the light-generating elements, e.g. arranging light-generating elements in differing patterns or densities

#### WARNING

Group [F21Y 2105/12](#) is incomplete pending reclassification of documents from group [F21Y 2105/00](#).  
Groups [F21Y 2105/00](#) and [F21Y 2105/12](#) should be considered in order to perform a complete search.

- 2105/14 . . characterised by the overall shape of the two-dimensional array
- WARNING**
- Group [F21Y 2105/14](#) is incomplete pending reclassification of documents from groups [F21Y 2105/00](#) and [F21Y 2105/10](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2105/16 . . . square or rectangular, e.g. for light panels
- WARNING**
- Group [F21Y 2105/16](#) is incomplete pending reclassification of documents from groups [F21Y 2105/00](#) and [F21Y 2105/10](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2105/18 . . . annular; polygonal other than square or rectangular, e.g. for spotlights or for generating an axially symmetrical light beam
- WARNING**
- Group [F21Y 2105/18](#) is incomplete pending reclassification of documents from groups [F21Y 2105/00](#) and [F21Y 2105/10](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2107/00 Light sources with three-dimensionally disposed light-generating elements**
- WARNINGS**
1. Group [F21Y 2107/00](#) is incomplete pending reclassification of documents from group [F21Y 2111/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
2. Group [F21Y 2107/00](#) is impacted by reclassification into groups [F21Y 2107/70](#), [F21Y 2107/80](#) and [F21Y 2107/90](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2107/10 . on concave supports or substrates, e.g. on the inner side of bowl-shaped supports
- WARNING**
- Group [F21Y 2107/10](#) is incomplete pending reclassification of documents from group [F21Y 2111/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2107/20 . on convex supports or substrates, e.g. on the outer surface of spheres
- WARNING**
- Group [F21Y 2107/20](#) is incomplete pending reclassification of documents from group [F21Y 2111/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2107/30 . on the outer surface of cylindrical surfaces, e.g. rod-shaped supports having a circular or a polygonal cross section
- WARNING**
- Group [F21Y 2107/30](#) is incomplete pending reclassification of documents from group [F21Y 2111/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2107/40 . on the sides of polyhedrons, e.g. cubes or pyramids
- WARNING**
- Group [F21Y 2107/40](#) is incomplete pending reclassification of documents from group [F21Y 2111/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2107/50 . on planar substrates or supports, but arranged in different planes or with differing orientation, e.g. on plate-shaped supports with steps on which light-generating elements are mounted
- WARNING**
- Group [F21Y 2107/50](#) is incomplete pending reclassification of documents from group [F21Y 2111/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2107/60 . on stacked substrates
- WARNING**
- Group [F21Y 2107/60](#) is incomplete pending reclassification of documents from group [F21Y 2111/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 2107/70 . on flexible or deformable supports or substrates, e.g. for changing the light source into a desired form
- WARNING**
- Group [F21Y 2107/70](#) is incomplete pending reclassification of documents from groups [F21Y 2107/00](#) and [F21Y 2111/00](#).
- All groups listed in this Warning should be considered in order to perform a complete search.

- 2107/80 . on articulated supports or substrates

**WARNING**

Group [F21Y 2107/80](#) is incomplete pending reclassification of documents from groups [F21Y 2107/00](#) and [F21Y 2111/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2107/90 . on two opposite sides of supports or substrates

**WARNING**

Group [F21Y 2107/90](#) is incomplete pending reclassification of documents from groups [F21Y 2107/00](#) and [F21Y 2111/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2109/00 Light sources with light-generating elements disposed on transparent or translucent supports or substrates**

**WARNING**

Group [F21Y 2109/00](#) is incomplete pending reclassification of documents from group [F21Y 2111/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2111/00 Light sources of a form not covered by groups [F21Y 2101/00](#)-[F21Y 2107/00](#)**

**WARNING**

Group [F21Y 2111/00](#) is impacted by reclassification into groups [F21Y 2107/00](#), [F21Y 2107/10](#), [F21Y 2107/20](#), [F21Y 2107/30](#), [F21Y 2107/40](#), [F21Y 2107/50](#), [F21Y 2107/60](#), [F21Y 2107/70](#), [F21Y 2107/80](#), [F21Y 2107/90](#) and [F21Y 2109/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2113/00 Combination of light sources**

- 2113/10 . of different colours

- 2113/13 . . comprising an assembly of point-like light sources

- 2113/17 . . . forming a single encapsulated light source

- 2113/20 . of different form

- 2115/00 Light-generating elements of semiconductor light sources**

**WARNING**

Group [F21Y 2115/00](#) is incomplete pending reclassification of documents from group [F21Y 2101/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2115/10 . Light-emitting diodes [LED]

**WARNING**

Group [F21Y 2115/10](#) is incomplete pending reclassification of documents from group [F21Y 2101/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2115/15 . . Organic light-emitting diodes [OLED]

**WARNING**

Group [F21Y 2115/15](#) is incomplete pending reclassification of documents from group [F21Y 2101/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2115/20 . Electroluminescent [EL] light sources

**WARNING**

Group [F21Y 2115/20](#) is incomplete pending reclassification of documents from group [F21Y 2101/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2115/30 . Semiconductor lasers