

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

1. 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.

2. 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