

CPC COOPERATIVE PATENT CLASSIFICATION

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

LIGHTING; HEATING

F21 LIGHTING (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

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

- 2103/10 . comprising a linear array of point-like light-generating elements
- 2103/20 . of polygonal shape, e.g. square or rectangular
- 2103/30 . curved
- 2103/33 . . annular
- 2103/37 . . U-shaped

2105/00 Planar light sources

- 2105/10 . comprising a two-dimensional [2D] array of point-like light-generating elements
- 2105/12 . . characterised by the geometrical disposition of the light-generating elements, e.g. arranging light-generating elements in differing patterns or densities
- 2105/14 . . characterised by the overall shape of the two-dimensional [2D] array
- 2105/16 . . . square or rectangular, e.g. for light panels
- 2105/18 . . . annular; polygonal other than square or rectangular, e.g. for spotlights or for generating an axially symmetrical light beam

2107/00 Light sources with three-dimensionally disposed light-generating elements

- 2107/10 . on concave supports or substrates, e.g. on the inner side of bowl-shaped supports
- 2107/20 . on convex supports or substrates, e.g. on the outer surface of spheres
- 2107/30 . on the outer surface of cylindrical surfaces, e.g. rod-shaped supports having a circular or a polygonal cross section
- 2107/40 . on the sides of polyhedrons, e.g. cubes or pyramids
- 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
- 2107/60 . on stacked substrates
- 2107/70 . on flexible or deformable supports or substrates, e.g. for changing the light source into a desired form
- 2107/80 . on articulated supports or substrates
- 2107/90 . on two opposite sides of supports or substrates

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

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

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
- 2113/30 . {of visible and non-visible spectrum}

2115/00 Light-generating elements of semiconductor light sources

- 2115/10 . Light-emitting diodes [LED]
- 2115/15 . . Organic light-emitting diodes [OLED]
- 2115/20 . Electroluminescent [EL] light sources
- 2115/30 . Semiconductor lasers