

# 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.

<b>2101/00</b>	<b>Point-like light sources</b>	<b>2109/00</b>	<b>Light sources with light-generating elements disposed on transparent or translucent supports or substrates</b>
<b>2103/00</b>	<b>Elongate light sources, e.g. fluorescent tubes</b>		
2103/10	• comprising a linear array of point-like light-generating elements	<b>2111/00</b>	<b>Light sources of a form not covered by groups <a href="#">F21Y 2101/00-F21Y 2107/00</a></b>
2103/20	• of polygonal shape, e.g. square or rectangular	<b>2113/00</b>	<b>Combination of light sources</b>
2103/30	• curved	2113/10	• of different colours
2103/33	• . annular	2113/13	• . comprising an assembly of point-like light sources
2103/37	• . U-shaped	2113/17	• . . forming a single encapsulated light source
<b>2105/00</b>	<b>Planar light sources</b>	2113/20	• of different form
2105/10	• comprising a two-dimensional [2D] array of point-like light-generating elements	2113/30	• {of visible and non-visible spectrum}
2105/12	• . characterised by the geometrical disposition of the light-generating elements, e.g. arranging light-generating elements in differing patterns or densities	<b>2115/00</b>	<b>Light-generating elements of semiconductor light sources</b>
2105/14	• . characterised by the overall shape of the two-dimensional [2D] array	2115/10	• Light-emitting diodes [LED]
2105/16	• . . square or rectangular, e.g. for light panels	2115/15	• . Organic light-emitting diodes [OLED]
2105/18	• . . annular; polygonal other than square or rectangular, e.g. for spotlights or for generating an axially symmetrical light beam	2115/20	• Electroluminescent [EL] light sources
		2115/30	• Semiconductor lasers
<b>2107/00</b>	<b>Light sources with three-dimensionally disposed light-generating elements</b>		
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		