

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	2109/00	Light sources with light-generating elements disposed on transparent or translucent supports or substrates
2103/00	Elongate light sources, e.g. fluorescent tubes	2111/00	Light sources of a form not covered by groups F21Y 2101/00-F21Y 2107/00
2103/10	• comprising a linear array of point-like light-generating elements	2113/00	Combination of light sources
2103/20	• of polygonal shape, e.g. square or rectangular	<u>WARNING</u>	
2103/30	• curved	Group F21Y 2113/00 is impacted by reclassification into group F21Y 2113/30 .	
2103/33	• . annular	Groups F21Y 2113/00 and F21Y 2113/30 should be considered in order to perform a complete search.	
2103/37	• . U-shaped		
2105/00	Planar light sources		
2105/10	• comprising a two-dimensional array of point-like light-generating elements	2113/10	• of different colours
2105/12	• . characterised by the geometrical disposition of the light-generating elements, e.g. arranging light-generating elements in differing patterns or densities	<u>WARNING</u>	
2105/14	• . characterised by the overall shape of the two-dimensional array	Group F21Y 2113/10 is impacted by reclassification into group F21Y 2113/30 .	
2105/16	• . . square or rectangular, e.g. for light panels	Groups F21Y 2113/10 and F21Y 2113/30 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		
2107/00	Light sources with three-dimensionally disposed light-generating elements	2113/13	• . comprising an assembly of point-like light sources
2107/10	• on concave supports or substrates, e.g. on the inner side of bowl-shaped supports	<u>WARNING</u>	
2107/20	• on convex supports or substrates, e.g. on the outer surface of spheres	Group F21Y 2113/13 is impacted by reclassification into group F21Y 2113/30 .	
2107/30	• on the outer surface of cylindrical surfaces, e.g. rod-shaped supports having a circular or a polygonal cross section	Groups F21Y 2113/13 and F21Y 2113/30 should be considered in order to perform a complete search.	
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	2113/17	• . . forming a single encapsulated light source
2107/60	• on stacked substrates	<u>WARNING</u>	
2107/70	• on flexible or deformable supports or substrates, e.g. for changing the light source into a desired form	Group F21Y 2113/17 is impacted by reclassification into group F21Y 2113/30 .	
2107/80	• on articulated supports or substrates	Groups F21Y 2113/17 and F21Y 2113/30 should be considered in order to perform a complete search.	
2107/90	• on two opposite sides of supports or substrates		

F21Y

- 2113/20 . of different form

WARNING

Group [F21Y 2113/20](#) is impacted by reclassification into group [F21Y 2113/30](#).

Groups [F21Y 2113/20](#) and [F21Y 2113/30](#) should be considered in order to perform a complete search.

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

WARNING

Group [F21Y 2113/30](#) is incomplete pending reclassification of documents from groups [F21Y 2113/00](#), [F21Y 2113/10](#), [F21Y 2113/13](#), [F21Y 2113/17](#) and [F21Y 2113/20](#).

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

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