

LIGHTING; HEATING

F21K NON-ELECTRIC LIGHT SOURCES USING LUMINESCENCE; LIGHT SOURCES USING ELECTROCHEMILUMINESCENCE; LIGHT SOURCES USING CHARGES OF COMBUSTIBLE MATERIAL; LIGHT SOURCES USING SEMICONDUCTOR DEVICES AS LIGHT-GENERATING ELEMENTS; LIGHT SOURCES NOT OTHERWISE PROVIDED FOR

In this subclass, it is desirable to add the indexing codes of subclasses **F21W** and **F21Y**.

F21K 5/04	covered by	G03B 15/0457 ;
F21K 5/06	covered by	G03B 15/0442 ;
F21K 5/08	covered by	F21K 5/02 , G03B 15/0442 ;
F21K 5/10	covered by	G03B 15/0442 ;
F21K 5/12	covered by	F21K 5/023 ;
F21K 5/14	covered by	F21K 5/026 , G03B 15/0489 ;
F21K 5/16	covered by	G03B 15/0452 ;
F21K 5/18	covered by	G03B 15/0452 ;
F21K 5/20	covered by	G03B 15/0447 ;
F21K 5/22	covered by	G03B 15/0442 .

- 1

F21K

- 9/232 . . . specially adapted for generating an essentially omnidirectional light distribution, e.g. with a glass bulb
- 9/233 . . . specially adapted for generating a spot light distribution, e.g. for substitution of reflector lamps
- 9/235 . . . Details of bases or caps, i.e. the parts that connect the light source to a fitting; Arrangement of components within bases or caps ([F21K 9/238 takes precedence](#))
- 9/237 . . . Details of housings or cases, i.e. the parts between the light-generating element and the bases; Arrangement of components within housings or cases ([F21K 9/238 takes precedence](#))
- 9/238 . . . Arrangement or mounting of circuit elements integrated in the light source
- 9/27 . . Retrofit light sources for lighting devices with two fittings for each light source, e.g. for substitution of fluorescent tubes
- 9/272 . . . Details of end parts, i.e. the parts that connect the light source to a fitting; Arrangement of components within end parts ([F21K 9/278 takes precedence](#))
- 9/275 . . . Details of bases or housings, i.e. the parts between the light-generating element and the end caps; Arrangement of components within bases or housings ([F21K 9/278 takes precedence](#))
- 9/278 . . . Arrangement or mounting of circuit elements integrated in the light source
- 9/60 . Optical arrangements integrated in the light source, e.g. for improving the colour rendering index or the light extraction
- 9/61 . . using light guides
- 9/62 . . using mixing chambers, e.g. housings with reflective walls
- 9/64 . . using wavelength conversion means distinct or spaced from the light-generating element, e.g. a remote phosphor layer
- 9/65 . . specially adapted for changing the characteristics or the distribution of the light, e.g. by adjustment of parts
- 9/66 . . Details of globes or covers forming part of the light source
- 9/68 . . Details of reflectors forming part of the light source
- 9/69 . . Details of refractors forming part of the light source
- 9/90 . Methods of manufacture
- 99/00 Subject matter not provided for in other groups of this subclass**