

F21H

INCANDESCENT MANTLES; OTHER INCANDESCENT BODIES HEATED BY COMBUSTION

Definition statement

This place covers:

- Incandescent bodies for lighting purposes, heated by combustion of a substance other than the material of the body itself and not intended to be consumed by the combustion, for example incandescent mantles.
- Light-generating aspects of lighting devices using such incandescent bodies.
- Manufacture or treatment of such incandescent bodies.

Relationships with other classification places

This subclass covers incandescent bodies as light sources. The application or incorporation of incandescent bodies in lighting devices or systems is covered by subclasses for lighting devices or systems.

References

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Lighting devices or systems thereof, being portable or specially adapted for transportation	F21L
Non-portable lighting devices; Systems thereof	F21S
Functional features or details of lighting devices or systems thereof; Structural combinations of lighting devices with other articles, not otherwise provided for	F21V
Fastening incandescent mantles or other incandescent bodies to lamp parts; Suspension devices for incandescent mantles or other incandescent bodies	F21V 19/06
Arrangements of mantles or other incandescent bodies on burners	F21V 36/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Preparation of porous ceramic ware by burning-out added substances	C04B 38/06
Burners	F23D
Electric incandescent lamps	H01K

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Incandescent	Capable of emitting visible light when heated.
Incandescent mantle	A device comprising a lace-like hood or envelope of thin, porous, refractory material that glows when it is positioned in a flame or otherwise heated by combustion of a distinct combustible material.

Light source	The entity (e.g. mantle) that generates light for a lighting device or apparatus.
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{Suspension devices therefor (for attaching the mantle on the housing of a lamp [F21V 19/06](#))}

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

For attaching the mantle on the housing of a lamp	F21V 19/06
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Solid incandescent bodies (incandescent mantles [F21H 1/00](#))

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Incandescent mantles	F21H 1/00
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