

H01K

ELECTRIC INCANDESCENT LAMPS (details, apparatus or processes for manufacture applicable to both discharge devices and incandescent lamps [H01J](#); light sources using a combination of incandescent and other types of light generation [H01J 61/96](#), [H05B 35/00](#))

Definition statement

This place covers:

- Sources of visible, ultra-violet or infra-red radiation consisting of one or more bodies heated to incandescence by electricity, i.e. incandescent lamps, including such lamps for purposes other than general lighting.
- Details of electric incandescent lamps, including ancillary devices that are structurally part of the lamp such as optical light modifiers or circuit elements.
- Apparatus or processes adapted to the manufacture, installing, removal or maintenance of incandescent lamps or parts thereof.

References

Limiting references

This place does not cover:

Details or apparatus or processes for manufacture applicable to both discharge devices and incandescent lamps	H01J
Light sources using a combination of incandescent and other types of light generation	H01J 61/96 , H05B 35/00
Lamps with spaced electrodes heated to incandescence by light-emitting discharge, e.g. tungsten arc lamps	H01J 61/98

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:

Functional features or details of lighting devices or systems thereof	F21V
Structural combinations of lighting devices with other articles, not otherwise provided for	F21V 33/00
Incandescent filaments used to form characters in indicating arrangements	G09F 9/307

Informative references

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

Chemical, physical processes and apparatus using radiation	B01J 19/08
Chemical, physical processes and apparatus using IR-light	B01J 19/128
Drying using infrared radiation	F26B 3/30
Displays using incandescent lamps	G09F 9/307
Heating devices using lamps	H05B 3/0033
Heating elements made of non-metallic materials	H05B 3/14

Heating elements made of ceramic materials, oxides, carbides	H05B 3/141
Infrared halogen lamps for cooking plates	H05B 3/744
Circuits therefor	H05B 39/00

Glossary of terms

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

Lamp	includes tubes emitting ultra-violet or infra-red light
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H01K 1/00

Details

Definition statement

This place covers:

Details of incandescent lamps classified in [H01K 5/00](#), [H01K 7/00](#), [H01K 9/00](#), [H01K 11/00](#) and [H01K 13/00](#).

References

Informative references

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

Details applicable to both incandescent and discharge lamps	H01J 5/00
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H01K 1/22

Lamp stems (seals for leading conductors there through [H01K 1/38](#))

References

Limiting references

This place does not cover:

Seals for leading-in conductors	H01K 1/38
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H01K 1/26

Screens; Filters (associated with envelope [H01K 1/28](#))

Definition statement

This place covers:

Screens or filters structurally associated with the incandescent lamp.

References

Limiting references

This place does not cover:

Screens or filters structurally associated with the envelope	H01K 1/28
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H01K 3/00

Apparatus or processes adapted to the manufacture, installing, removal, or maintenance of incandescent lamps or parts thereof (manufacture of vessels from glass [C03B](#))

References

Limiting references

This place does not cover:

Apparatus and processes for manufacture applicable to both discharge devices and incandescent lamps	H01J 9/00
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Informative references

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

Manufacture of vessels from glass	C03B 3/00
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H01K 5/00

Lamps for general lighting ([H01K 9/00](#) - [H01K 13/00](#) take precedence)

Definition statement

This place covers:

Examples:

- Household lamps.
- Lamps for illumination of shops or public areas.

References

Limiting references

This place does not cover:

Lamps for purposes other than general lighting	H01K 7/00
Lamps having two or more incandescent bodies separately heated	H01K 9/00
Lamps having an incandescent body which is not conductively heated, e.g. heated inductively, heated by electronic discharge	H01K 11/00
Lamps having an incandescent body which is substantially non-conductive until heated, e. g. Nernst lamp	H01K 13/00

H01K 7/00

Lamps for purposes other than general lighting ([H01K 9/00](#) - [H01K 13/00](#) take precedence)

Definition statement

This place covers:

Examples:

- Lamps for cinematographic projectors.

Definition statement

- Lamps for automobile headlights intended to be used with projection systems.
- Lamps for indicating or for decorative purposes.
- Infrared or heater lamps.

References**Limiting references**

This place does not cover:

Lamps for general lighting	H01K 5/00
Lamps having two or more incandescent bodies separately heated	H01K 9/00
Lamps having an incandescent body which is not conductively heated, e.g. heated inductively, heated by electronic discharge	H01K 11/00
Lamps having an incandescent body which is substantially non-conductive until heated, e. g. Nernst lamp	H01K 13/00

H01K 7/02

for producing a narrow beam of light; for approximating a point-like source of light, e.g. for searchlight, for cinematographic projector (producing narrow beams by optical means external to lamp [F21V](#))

References**Limiting references**

This place does not cover:

Producing narrow beams by optical means external to the lamp	F21V
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H01K 9/00

Lamps having two or more incandescent bodies separately heated ([H01K 11/00](#), [H01K 13/00](#) take precedence)

References**Limiting references**

This place does not cover:

Lamps having an incandescent body which is not conductively heated, e.g. heated inductively, heated by electronic discharge	H01K 11/00
Lamps having an incandescent body which is substantially non-conductive until heated, e. g. Nernst lamp	H01K 13/00

H01K 11/00

Lamps having an incandescent body which is not conductively heated, e.g. heated inductively, heated by electronic discharge ([H01K 13/00](#) takes precedence)

References

Limiting references

This place does not cover:

Lamps having an incandescent body which is substantially non-conductive until heated	H01K 13/00
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