

CPC**COOPERATIVE PATENT CLASSIFICATION****H01K**

ELECTRIC INCANDESCENT LAMPS (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](#); circuits therefor [H05B](#))

NOTE

In this subclass, the following term is used with the meaning indicated:

- "lamp" includes tubes emitting ultra-violet or infra-red light.

H01K 1/00**Details**

- H01K 1/02
 - . Incandescent bodies
- H01K 1/04
 - . . characterised by the material thereof
- H01K 1/06
 - . . . Carbon bodies
- H01K 1/08
 - . . . Metallic bodies
- H01K 1/10
 - . . . Bodies of metal or carbon combined with other substance
- H01K 1/12
 - . . . Bodies which are non-conductive when cold, e.g. for Nernst lamp
- H01K 1/14
 - . . characterised by the shape
- H01K 1/16
 - . . Electric connection thereto
- H01K 1/18
 - . Mountings or supports for the incandescent body
- H01K 1/20
 - . . characterised by the material thereof
- H01K 1/22
 - . . Lamp stems ([seals for leading conductors there through H01K 1/38](#))
- H01K 1/24
 - . . Mounts for lamps with connections at opposite ends, e.g. for tubular lamp
- H01K 1/26
 - . Screens; Filters ([associated with envelope H01K 1/28](#))
- H01K 1/28
 - . Envelopes; Vessels
- H01K 1/30
 - . . incorporating lenses
- H01K 1/32
 - . . provided with coatings on the walls; Vessels or coatings thereon characterised by the material thereof
- H01K 1/325
 - . . . {[Reflecting coating](#)}
- H01K 1/34
 - . . Double wall vessels
- H01K 1/36
 - . Seals between parts of vessel, e.g. between stem and envelope
- H01K 1/38
 - . Seals for leading-in conductors
- H01K 1/40
 - . Leading-in conductors
- H01K 1/42
 - . Means forming part of the lamp for the purpose of providing electrical connection, or support for, the lamp
- H01K 1/44
 - . . directly applied to, or forming part of, the vessel
- H01K 1/46
 - . . supported by a separate part, e.g. base, cap
- H01K 1/465
 - . . . {[with means to prevent loosening or unauthorised removal of the lamp](#)}
- H01K 1/48
 - . . . Removable caps
- H01K 1/50
 - . Selection of substances for gas fillings; Specified pressure thereof
- H01K 1/52
 - . Means for obtaining or maintaining the desired pressure within the vessel

H01K 1/54	<ul style="list-style-type: none"> Means for absorbing or absorbing gas, or for preventing or removing efflorescence, e.g. by gettering
H01K 1/56	<ul style="list-style-type: none"> characterised by the material of the getter
H01K 1/58	<ul style="list-style-type: none"> Cooling arrangements
H01K 1/60	<ul style="list-style-type: none"> Means structurally associated with the lamp for indicating defects or previous use
H01K 1/62	<ul style="list-style-type: none"> One or more circuit elements structurally associated with the lamp
H01K 1/625	<ul style="list-style-type: none"> {Flashing incandescent lamps}
H01K 1/64	<ul style="list-style-type: none"> with built-in switch
H01K 1/66	<ul style="list-style-type: none"> with built-in fuse
H01K 1/68	<ul style="list-style-type: none"> with built-in spark gap
H01K 1/70	<ul style="list-style-type: none"> with built-in short-circuiting device, e.g. for serially connected lamps
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)
H01K 3/005	<ul style="list-style-type: none"> {Methods for coating the surface of the envelope}
H01K 3/02	<ul style="list-style-type: none"> Manufacture of incandescent bodies
H01K 3/04	<ul style="list-style-type: none"> Machines therefor
H01K 3/06	<ul style="list-style-type: none"> Attaching of incandescent bodies to mount
H01K 3/065	<ul style="list-style-type: none"> {Machines therefor}
H01K 3/08	<ul style="list-style-type: none"> Manufacture of mounts or stems
H01K 3/10	<ul style="list-style-type: none"> Machines therefor
H01K 3/12	<ul style="list-style-type: none"> Joining of mount or stem to vessel; Joining parts of the vessel, e.g. by butt sealing
H01K 3/14	<ul style="list-style-type: none"> Machines therefor
H01K 3/16	<ul style="list-style-type: none"> Joining of caps to vessel
H01K 3/18	<ul style="list-style-type: none"> Machines therefor
H01K 3/20	<ul style="list-style-type: none"> Sealing-in wires directly into the envelope
H01K 3/22	<ul style="list-style-type: none"> Exhausting, degassing, filling, or cleaning vessels
H01K 3/24	<ul style="list-style-type: none"> Machines therefor
H01K 3/26	<ul style="list-style-type: none"> Closing of vessels
H01K 3/28	<ul style="list-style-type: none"> Machines having sequentially arranged operating stations
H01K 3/30	<ul style="list-style-type: none"> Repairing or regenerating used or defective lamps
H01K 3/305	<ul style="list-style-type: none"> {Testing of incandescent lamps}
H01K 3/32	<ul style="list-style-type: none"> Auxiliary devices for cleaning, placing, or removing incandescent lamps
H01K 5/00	Lamps for general lighting (H01K 9/00 to H01K 13/00 take precedence)
H01K 5/02	<ul style="list-style-type: none"> with connections made at opposite ends, e.g. tubular lamp with axially arranged filament
H01K 7/00	Lamps for purpose other than general lighting (H01K 9/00 to H01K 13/00 take precedence)

- 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 F21](#))
- H01K 7/04
 - for indicating
- H01K 7/06
 - for decorative purposes
- H01K 9/00**

Lamps having two or more incandescent bodies separately heated
([H01K 11/00](#), [H01K 13/00](#) take precedence)
- H01K 9/02
 - to provide substitution in the event of failure of one of the bodies
- H01K 9/04
 - . with built-in manually operated switch
- H01K 9/06
 - . with built-in device, e.g. switch, for automatically completing circuit of reserve body
- H01K 9/08
 - to provide selectively different light effects, e.g. for automobile headlamp
- 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)
- H01K 13/00**

Lamps having an incandescent body which is substantially non-conductive until heated, e.g. Nernst lamp
- H01K 13/02
 - Heating arrangements
- H01K 13/04
 - . using electric discharge
- H01K 13/06
 - . using induction heating; using high frequency field