

# 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.

<b>1/00</b>	<b>Details</b>	<b>1/62</b>	<ul style="list-style-type: none"><li>One or more circuit elements structurally associated with the lamp</li></ul>
1/02	<ul style="list-style-type: none"><li>Incandescent bodies</li></ul>	<b>1/625</b>	<ul style="list-style-type: none"><li><a href="#">{Flashing incandescent lamps}</a></li></ul>
1/04	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>characterised by the material thereof</li></ul></li></ul>	1/64	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>with built-in switch</li></ul></li></ul>
1/06	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Carbon bodies</li></ul></li></ul>	1/66	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>with built-in fuse</li></ul></li></ul>
1/08	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Metallic bodies</li></ul></li></ul>	1/68	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>with built-in spark gap</li></ul></li></ul>
1/10	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Bodies of metal or carbon combined with other substance</li></ul></li></ul>	1/70	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>with built-in short-circuiting device, e.g. for serially connected lamps</li></ul></li></ul>
1/12	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Bodies which are non-conductive when cold, e.g. for Nernst lamp</li></ul></li></ul>	<b>3/00</b>	<b>Apparatus or processes adapted to the manufacture, installing, removal, or maintenance of incandescent lamps or parts thereof</b> ( <a href="#">manufacture of vessels from glass C03B</a> )
1/14	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>characterised by the shape</li></ul></li></ul>	<b>3/005</b>	<ul style="list-style-type: none"><li><a href="#">{Methods for coating the surface of the envelope}</a></li></ul>
1/16	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Electric connection thereto</li></ul></li></ul>	3/02	<ul style="list-style-type: none"><li>Manufacture of incandescent bodies</li></ul>
1/18	<ul style="list-style-type: none"><li>Mountings or supports for the incandescent body</li></ul>	3/04	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Machines therefor</li></ul></li></ul>
1/20	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>characterised by the material thereof</li></ul></li></ul>	3/06	<ul style="list-style-type: none"><li>Attaching of incandescent bodies to mount</li></ul>
1/22	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Lamp stems (<a href="#">seals for leading conductors there through H01K 1/38</a>)</li></ul></li></ul>	3/065	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li><a href="#">{Machines therefor}</a></li></ul></li></ul>
1/24	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Mounts for lamps with connections at opposite ends, e.g. for tubular lamp</li></ul></li></ul>	3/08	<ul style="list-style-type: none"><li>Manufacture of mounts or stems</li></ul>
1/26	<ul style="list-style-type: none"><li>Screens; Filters (<a href="#">associated with envelope H01K 1/28</a>)</li></ul>	3/10	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Machines therefor</li></ul></li></ul>
1/28	<ul style="list-style-type: none"><li>Envelopes; Vessels</li></ul>	3/12	<ul style="list-style-type: none"><li>Joining of mount or stem to vessel; Joining parts of the vessel, e.g. by butt sealing</li></ul>
1/30	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>incorporating lenses</li></ul></li></ul>	3/14	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Machines therefor</li></ul></li></ul>
1/32	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>provided with coatings on the walls; Vessels or coatings thereon characterised by the material thereof</li></ul></li></ul>	3/16	<ul style="list-style-type: none"><li>Joining of caps to vessel</li></ul>
1/325	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li><ul style="list-style-type: none"><li><a href="#">{Reflecting coating}</a></li></ul></li></ul></li></ul>	3/18	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Machines therefor</li></ul></li></ul>
1/34	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Double wall vessels</li></ul></li></ul>	3/20	<ul style="list-style-type: none"><li>Sealing-in wires directly into the envelope</li></ul>
1/36	<ul style="list-style-type: none"><li>Seals between parts of vessel, e.g. between stem and envelope</li></ul>	3/22	<ul style="list-style-type: none"><li>Exhausting, degassing, filling, or cleaning vessels</li></ul>
1/38	<ul style="list-style-type: none"><li>Seals for leading-in conductors</li></ul>	3/24	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Machines therefor</li></ul></li></ul>
1/40	<ul style="list-style-type: none"><li>Leading-in conductors</li></ul>	3/26	<ul style="list-style-type: none"><li>Closing of vessels</li></ul>
1/42	<ul style="list-style-type: none"><li>Means forming part of the lamp for the purpose of providing electrical connection, or support for, the lamp</li></ul>	3/28	<ul style="list-style-type: none"><li>Machines having sequentially arranged operating stations</li></ul>
1/44	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>directly applied to, or forming part of, the vessel</li></ul></li></ul>	3/30	<ul style="list-style-type: none"><li>Repairing or regenerating used or defective lamps</li></ul>
1/46	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>supported by a separate part, e.g. base, cap</li></ul></li></ul>	3/305	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li><a href="#">{Testing of incandescent lamps}</a></li></ul></li></ul>
1/465	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li><ul style="list-style-type: none"><li><a href="#">{with means to prevent loosening or unauthorised removal of the lamp}</a></li></ul></li></ul></li></ul>	3/32	<ul style="list-style-type: none"><li>Auxiliary devices for cleaning, placing, or removing incandescent lamps</li></ul>
1/48	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Removable caps</li></ul></li></ul>	<b>5/00</b>	<b>Lamps for general lighting</b> ( <a href="#">H01K 9/00 - H01K 13/00 take precedence</a> )
1/50	<ul style="list-style-type: none"><li>Selection of substances for gas fillings; Specified pressure thereof</li></ul>	5/02	<ul style="list-style-type: none"><li>with connections made at opposite ends, e.g. tubular lamp with axially arranged filament</li></ul>
1/52	<ul style="list-style-type: none"><li>Means for obtaining or maintaining the desired pressure within the vessel</li></ul>	<b>7/00</b>	<b>Lamps for purpose other than general lighting</b> ( <a href="#">H01K 9/00 - H01K 13/00 take precedence</a> )
1/54	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>Means for absorbing or absorbing gas, or for preventing or removing efflorescence, e.g. by gettering</li></ul></li></ul>	7/02	<ul style="list-style-type: none"><li>for producing a narrow beam of light; for approximating a point like source of light, e.g. for searchlight, for cinematographic projector (<a href="#">producing narrow beams by optical means external to lamp F21</a>)</li></ul>
1/56	<ul style="list-style-type: none"><li><ul style="list-style-type: none"><li>characterised by the material of the getter</li></ul></li></ul>	7/04	<ul style="list-style-type: none"><li>for indicating</li></ul>
1/58	<ul style="list-style-type: none"><li>Cooling arrangements</li></ul>	7/06	<ul style="list-style-type: none"><li>for decorative purposes</li></ul>
1/60	<ul style="list-style-type: none"><li>Means structurally associated with the lamp for indicating defects or previous use</li></ul>		

- 9/00 Lamps having two or more incandescent bodies separately heated ([H01K 11/00](#), [H01K 13/00](#) take precedence)**
- 9/02 . to provide substitution in the event of failure of one of the bodies
  - 9/04 . . with built-in manually operated switch
  - 9/06 . . with built-in device, e.g. switch, for automatically completing circuit of reserve body
  - 9/08 . to provide selectively different light effects, e.g. for automobile headlamp
- 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)**
- 13/00 Lamps having an incandescent body which is substantially non-conductive until heated, e.g. Nernst lamp**
- 13/02 . Heating arrangements
  - 13/04 . . using electric discharge
  - 13/06 . . using induction heating; using high frequency field