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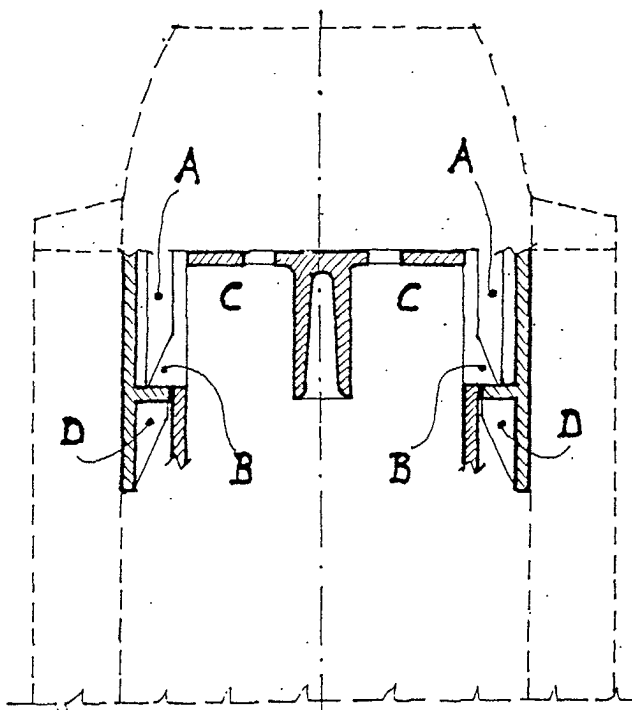
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(54) **Standardisation of edison screw lamp holders**

(57) This invention refers to Edison screw lamp holders with domes, fixing bracket or other clip-on device positioned longitudinally to the contact axis with anti-rotation stop provided by the bracket obtained by the outward elongation of the contact container wall, with

the fixing clip on the lamp holder. It can be unfastened from the inside or from the outside depending on the dimensions of the Edison screw and having overall dimensions and development of rapid coupling spring contacts that are all the same.

Fig. 1



## Description

[0001] This invention concerns the standardisation and production of Edison screw lamp holders in all combinations where this can be applied.

[0002] As is known, at the state of technology, the Edison screw lamp holders are characterised by having a clip-on dome with attachments on the lamp holders that are different one from the other depending on the sizes of the Edison screws, while at the same time, with rapid coupling spring contacts or with screw contact for fixing the conductor wire, are different one from the other due to their overall sizes and development, depending on the size of the Edison screw.

[0003] Starting from this state of technology, the aim is to standardise all dome or bracket attachments or other clip-on devices, standardise the dimensions and development of contacts within the lamp Edison screw lamp holder, thus obtaining a consistent saving in overall production costs for lighting apparatus.

[0004] This objective has been reached, as will be described here below, by producing Edison screw lamp holders with dome or fixing bracket, or other clip-on device, that are modified and positioned longitudinally from the contact axis with anti-rotation stop carried out by the slide, obtained by the outward elongation of the contact container wall, with the fixing clip on the lamp holder positioned under the rapid receptacle spring contact fixing tongue, which can be released externally or internally depending on the size of the Edison screw and with overall dimensions and contact developments that are the same, and are different only in the fold of the contact "tongue" of the lamp with the side contact.

[0005] Further characteristics and advantages will be outlined in the detailed description of the apparatus, illustrated as an indication only in the enclosed drawings, i.e.

Fig. 1 illustrates the apparatus in a partial cross-section;

Fig. 2 illustrates the dome type;

Fig. 3 illustrates the one-piece section in the versions where the dome unhooks externally;

Fig. 4 illustrates the overall axonometric cross-section in the lamp holders in which the apparatus is applied in the version where the dome unhooks externally;

Fig. 5 illustrates the dome type with flange

Fig. 6 illustrates the one-piece section in the versions where the dome unhooks internally;

Fig. 7 illustrates the overall axonometric cross-section in the lamp holders in which the apparatus is applied in the version where the dome unhooks internally;

[0006] With reference to the figures mentioned, in figures 1, 2, 4, 5, 7 the apparatus shows, in points D, the standard attachment of domes on domes for lamp-holders

with Edison screws of different dimensions.

[0007] Figures 3 and 6 show the lamp-holder body, and the detail of the dome attachment on the lamp holder, with points A showing the slide obtained from the outwardly extension of the contacts containment walls, points B show the dome hooking teeth on the lamp-holder body.

[0008] Points C show the contacts housing. The central contacts are the same in overall dimensions and development in lamp holders with different sized Edison screws. Side contacts are the same in size and development and are different only in the fold of the contact "tongue" with the lamp for the lamp-holder having different sized Edison-screw.

[0009] Figure 4 point E shows the unhooking point of the dome from the outside.

[0010] Figure 7 point F shows the unhooking point of the dome from the inside.

[0011] In effect, the apparatus fully fulfils the objective as it allows: standardisation of the Edison screw lamp holders and the standardisation of production of Edison screw lamp holders. In effect, the materials used, while being compatible with the specific use, could be of any nature according to the requirements and technical state.

## Claims

1. The Edison-screw lamp holder with clip-in dome, clip-in fixing bracket or other clip-in device, modified and positioned longitudinally to the contact axis with anti-rotation stop provided by the slide obtained by the outward extension of the contact containment walls, with the lamp holder fixing clip located under the rapid coupling spring contact fixing tongue, can be unhooked externally or internally depending on the size of the Edison-screw, and with overall dimensions and contact development that are all the same, the only thing being different is the fold of the contact "tongue" with the side contact lamp.
2. The device, according to claim 1, is **characterised by** the fact that the clip-on dome attachment is the same on lamp-holders with different sized Edison screws.
3. The device, according to claim 1 is **characterised by** the fact that the clip-in bracket fixing attachment is the same on lamp-holders with different-sized Edison screws.
4. The device, according to claim 1 is **characterised by** the fact that the attachment of another clip-in fixing device is the same on different-sized Edison screws.
5. The device, according to the aforementioned

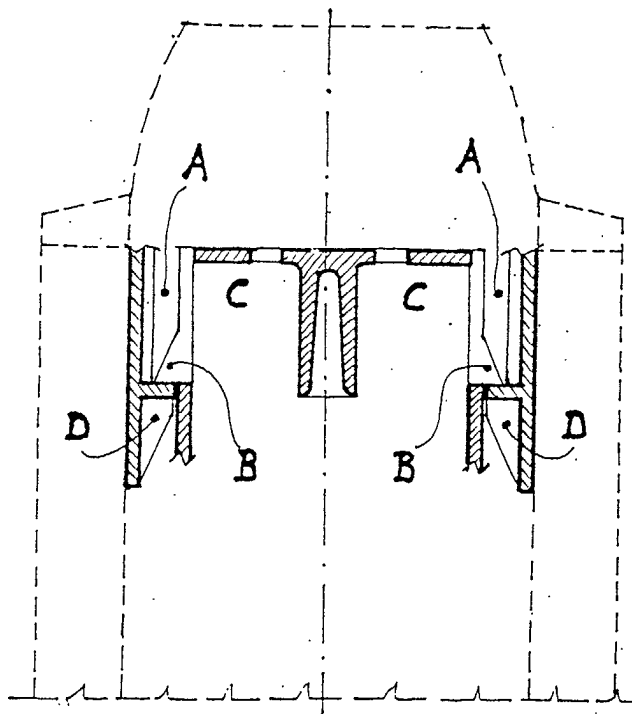
claims, is **characterised by** the fact that the dome, bracket or other clip-in device, can be unhooked from inside the lamp-holder depending on the size of the Edison screw.

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6. The device, according to the aforementioned claims, is **characterised by** the fact that the dome, bracket or other clip-in device, can be unhooked from outside the lamp-holder depending on the size of the Edison screw. 10
7. The device, according to claim 1, is **characterised by** the fact that the overall dimensions of the central contacts are the same in all the combinations where it is feasible for lamp-holders with different sized Edison screws. 15
8. The device, according to claim 1 is **characterised by** the fact that the development of central contacts are the same in all combinations where it is feasible for lamp-holders with different sized Edison screws. 20
9. The device, according to claim 1, is **characterised by** the fact that the overall dimensions of the side contacts are the same in all combinations where it is feasible for lamp-holders with different sized Edison screws. 25
10. The device, according to claim 1, is **characterised by** the fact that the development of side contacts are the same in all combinations where it is feasible for lamp-holders with different sized Edison screws. 30
11. The device, according to claim 9 and 10, is **characterised by** the fact that the overall dimensions and development of side contacts are the same in all the combinations where it is applicable and have the variant of the fold of the "tongue" in contact with the lamp for lamp holders with different sized Edison screws. 35 40
12. The device, according to claims 7 to 11, is **characterised by** the fact that the overall dimensions and development of central and side contacts are the same in all the combinations where it is possible for lamp holders with different sized Edison screws. 45
13. The device for different Edison screw lamp holders with dome, staff, or other clip-in devices, is **characterised by** the fact that it includes one or more of the characteristics mentioned above and/or illustrated. 50

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Fig. 1



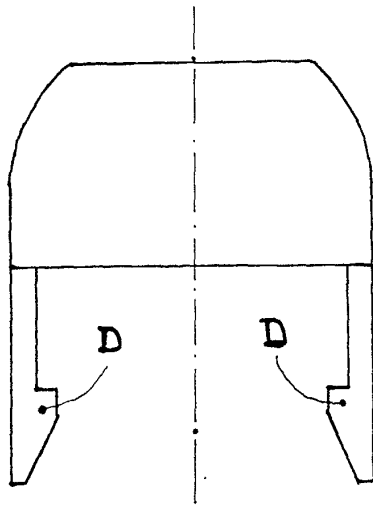


Fig. 2

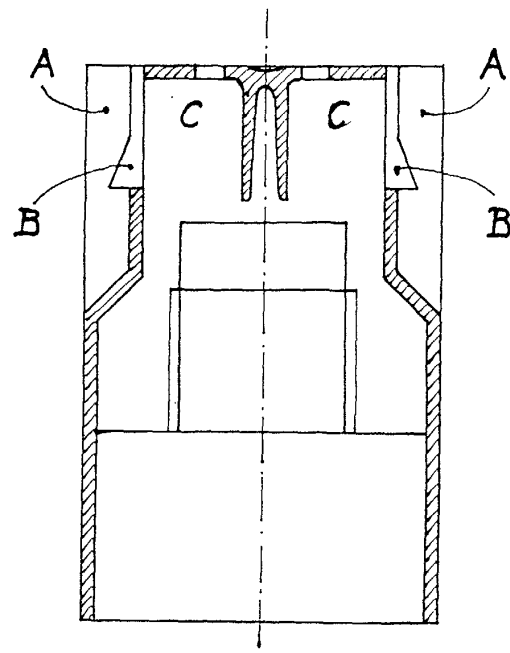


Fig. 3

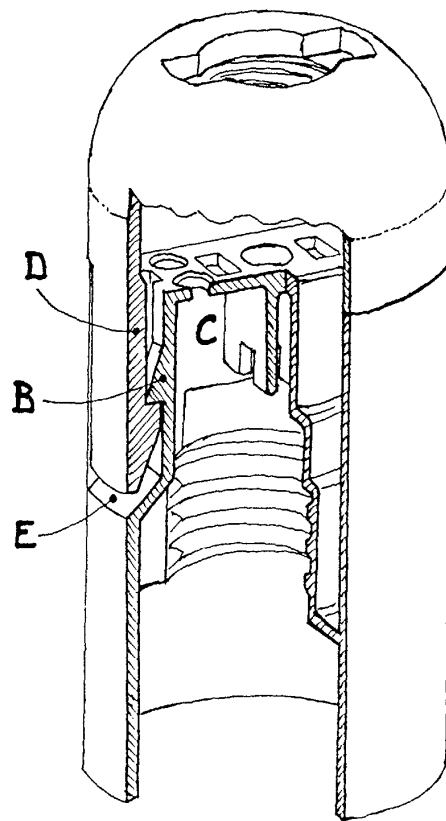


Fig. 4

