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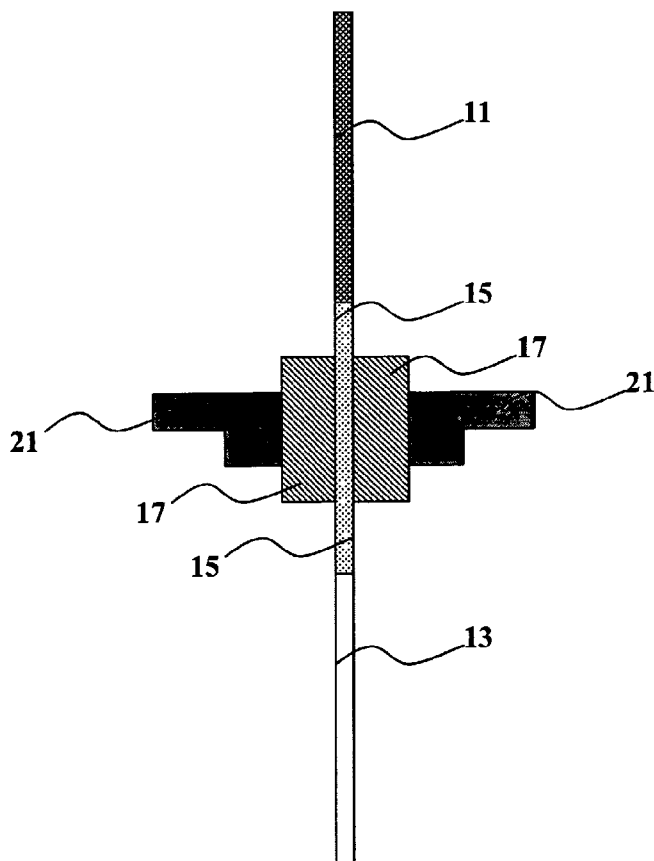
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(54) Title: LIGHTING DEVICE COMPONENT ASSEMBLY WITH SOLDER GLASS PREFORM AND SEALING PROCESS



(57) Abstract: Disclosed is a component assembly for an electrical lighting device and method for sealing the same. The assembly comprises the component, such as an electrode lead wire (11-15), and a solder glass form (19). The component assembly is useful, for example, in hermetically sealing and affixing lamp components, such as electrical lead wires and exhaust tubulations, to a low-pressure fluorescent discharge lamp envelope having phosphor coating already applied thereto. The present invention is suitable for a lamp envelope made of borosilicate glass having a CTE from 0 to 300°C in the range of 30-45x10<sup>-7</sup> °C<sup>-1</sup>.

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