

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 May 2004 (21.05.2004)

PCT

(10) International Publication Number
WO 2004/042777 A2

(51) International Patent Classification⁷: **H01J 61/36**,
61/30, 9/32, 9/26

(21) International Application Number:
PCT/US2003/033418

(22) International Filing Date: 22 October 2003 (22.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/284,581 31 October 2002 (31.10.2002) US

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(81) Designated States (*national*): CN, JP, KR, SG.

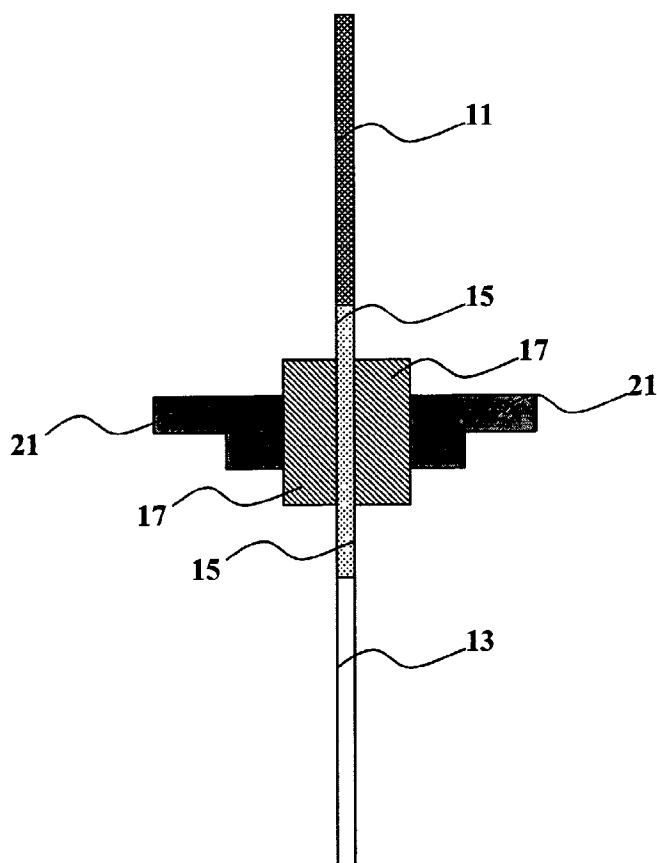
Published:

— without international search report and to be republished
upon receipt of that report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

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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, and a solder glass preform. The component assembly is useful, for example, in hermetically sealing and affixing lamp components, such as electrical lead wires and exhaust tubulation, to a low-pressure fluorescent discharge lamp envelope having phosphor coating already applied thereto. The present invention is particularly suitable for lamp envelope made of borosilicate glass having a CTE from 0 to 300°C in the range of $30-45 \times 10^{-7} \text{ } ^\circ\text{C}^{-1}$.

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