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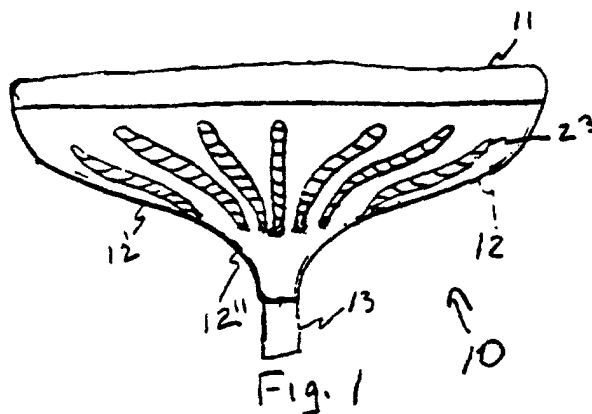
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(54) **Slim tube funnel design with improved funnel**

(57) A cathode ray tube has a glass envelope including a faceplate panel; a neck end; and a funnel connected between the panel and the neck end. The funnel has a main body portion and a yoke region, with the main body portion including at least one reinforcement rib. The reinforcement rib includes a curved ridge bend in the funnel that is curved outward away from a vacuum side of said funnel. Alternatively, the reinforcement rib

includes a curved mound-like increase in thickness of the funnel. The curved thickness can be directionally oriented inwardly towards the vacuum side, outwardly away from the vacuum side, or both. The reinforcement rib can extend along the funnel in a direction from the neck end towards the faceplate panel, along the funnel in a direction transverse to that from the panel to the neck end, or a combination of both.





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EUROPEAN SEARCH REPORT

Application Number
EP 01 11 3334

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 10 September 2003	Examiner TANO, V
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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