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(72) Inventor: CUNNINGHAM, David W.
Los Angeles, CA 90069 (US)

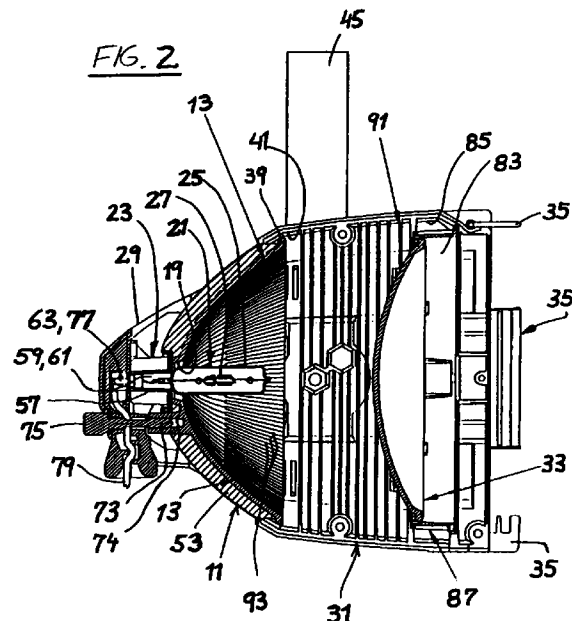
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(74) Representative: Fiener, Josef
Patentanwälte
Kahler, Käck, Fiener et col.,
P.O. Box 12 49
87712 Mindelheim (DE)

(71) Applicant: CUNNINGHAM, David W.
Los Angeles, CA 90069 (US)

(54) Lighting fixture having a cast reflector

(57) Disclosed is a lighting fixture for projecting a beam of light useful in theater, television, and architectural lighting applications. The fixture includes a cast substrate (11) comprised of a heat-conductive material, with a concave front side that defines a reflective surface (13) and a convex rear side that defines a plurality of cooling fins (53) exposed to the fixture's exterior, to provide enhanced convective cooling. This configuration enables the use of special temperature-sensitive reflective coatings that otherwise would be subject to degradation. A receptacle (17) is defined in the cast reflector substrate (11), for conformably receiving the cast base (23) of a lamp assembly (21), thereby enabling a precise positioning of the lamp assembly's filaments (27) in a prescribed position relative to the reflective surface (13) without the need for manual adjustment.



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EUROPEAN SEARCH REPORT

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EP 96 11 0404

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X Y A	US 3 639 751 A (PICHEL MARLOWE A) * column 1, line 74 - column 2, line 9 * * column 2, line 49-51 * * column 3, line 13-18 * * column 3, line 56-60 * * figures 1,2 * ---	1,2 3-8,10 11	F21P5/00 F21V29/00
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Y A	US 4 985 815 A (ENDO NOBUYUKI) * column 2, line 6-7; figure 1 * ---	6 11	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 March 1998	Examiner Clabaut, M
CATEGORY OF CITED DOCUMENTS		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	
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			

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