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(54) **A vehicle headlight comprising a worked reflecting surface for shaping the light beam through reflection**

(57) A vehicle headlight of the clear transparent refractor type, comprising a worked reflecting surface for shaping, through reflection only, the light beam from a source lamp (9) wherein the profile of said reflector (19) comprises columnar reflecting surfaces (1) having a cross-section that is an arc of circle and having both curved edges lying on a reference surface of revolution.

Each of said arcs of circle (1) starts and terminates

on the profile of the reference parabola (3) at intersection points (5,7) that are selected so that a light ray from the filament (9) is reflected by said intersection points (5 or 7) into a plane (11) orthogonal to the optical axis (13) at an assigned distance from the center point (15) defined by the intersection of plane (11) with the optical axis (13).

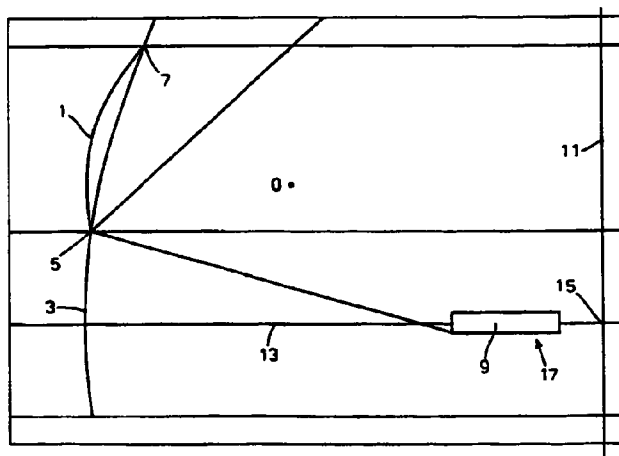


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 96 10 4681

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	US-A-1 390 747 (J. G. BALSILLIE) * page 1, line 36 - line 58 * * page 1, line 84 - page 2, line 5 * * page 2, line 49 - line 53; figures 1-5 * ---	1,2,4-7	F21M3/08 F21V7/04
X	EP-A-0 355 815 (ICHIKO INDUSTRIES LTD) * column 2, line 10 - line 32 * * column 2, line 45 - column 3, line 6; figures 1,2 *	1,2,4,6,7	
Y	---	3	
Y	GB-A-2 054 815 (CIBIE PROJECTEURS) * page 2, line 123 - page 3, line 27 * * page 3, line 101 - line 115; figures 3A-3D,6 *	3	
A	---	1,2	
A	FR-A-2 672 109 (KOITO MFG CO LTD) * page 52, line 29 - page 53, line 21; figure 39 *	1,2	
A	---	1,2	
A	US-A-2 565 757 (COULTER) * column 2, line 55 - column 3, line 16; claim 1; figures 1-4 * -----	1,2	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 6 November 1996	Examiner Martin, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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