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(54) Improvements in tungsten halogen incandescent lamps.

(57) A tungsten halogen incandescent lamp having a filament support structure made of molybdenum and a filament shield, also of molybdenum, to provide an assymetric passing beam in an automobile headlight. When operating with the halogen bromine small changes in the design or positioning of the shield can be critical and can cause darkening. This can be prevented by applying a small amount of the metal platinum to the back of the shield by plating, by means of a paste or in any convenient manner. In a specific example 13 microgrammes of platinum were used in a 55-60W H4 automobile headlight having a fill of bromine and krypton.

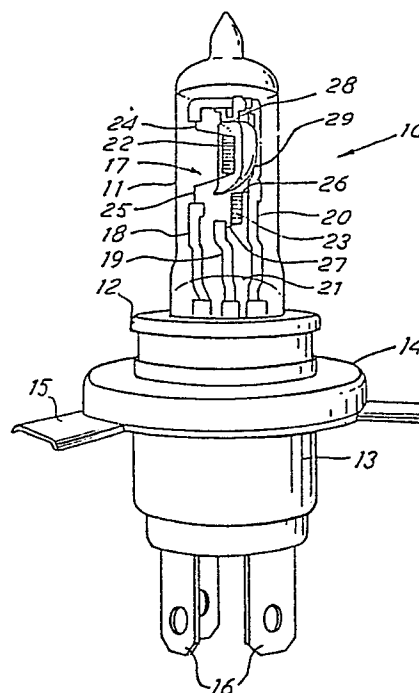


FIG. 1



European Patent  
Office

# EUROPEAN SEARCH REPORT

01 62673

Application number

EP 85 30 3466

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.4)
X	US-A-4 305 017 (G.KUUS et al.) * Whole document *	1,8,9	H 01 K 1/56
A	--- US-A-3 926 832 (A.BAROSI) * Column 2, line 52 - column 4, line 27 * -----	1,8,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 K 1/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-01-1987	Examiner SARNEEL A.P.T.
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	