

(12) **EUROPEAN PATENT APPLICATION**

(21) Application number: 81305793.2

(51) Int. Cl.³: H 01 K 1/64

(22) Date of filing: 08.12.81

(30) Priority: 15.12.80 GB 8040117
24.02.81 GB 8105847

(43) Date of publication of application:
23.06.82 Bulletin 82/25

(88) Date of deferred publication of search report: 19.01.83

(84) Designated Contracting States:
AT BE CH DE FR GB IT LI LU NL SE

(71) Applicant: **BADALEX LIMITED**

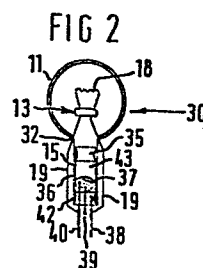
Weybridge Surrey KT15 2RH(GB)

(72) Inventor: **Elphinstone, Keith**
'Killaspy' North Road Chesham Bois
Amersham Buckinghamshire(GB)

(74) Representative: **Gold, Tibor Zoltán et al,**
T.Z.GOLD & COMPANY 9, Staple Inn
London WC1V 7QH(GB)

(54) **Electric light source with integral switch.**

(57) An electric lamp (30) incorporates an integral mercury switch (37) within the lamp structure to provide an attitude-sensitive light source. The mercury switch may be incorporated within the lamp envelope, either with the filament or in a separate compartment of the envelope, within a specially extended portion of an exhaust tube, or within a cap structure sealed to the light source envelope. The mercury switch is either specially fabricated during formation of the lamp structure, or may comprise a preformed capsule. The unit may be fitted in conventional screw bayonet and other sockets in the same manner as a corresponding ordinary lamp.





European Patent
Office

EUROPEAN SEARCH REPORT

0054401

Application number

EP 81 30 5793

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. ³)
X	US-A-2 561 460 (M. BLOESE) *Figures 1,2; column 1, line 45 - column 3, line 37*	1,2,3, 4,6,8, 10	H 01 K 1/64
X	US-A- 339 253 (C.R. ARNOLD) *Figure; claims 1-5*	1,4,7, 8	
X	US-A-2 086 192 (W.L. SCHUMAKER) *Figures 1,2; page 1, column 2, line 13 - page 2, column 1, line 75*	1,2,3, 4,9,10	
X	FR-A-1 518 839 (M.R. ROUSSEAU) *Figure; page 1, column 1, line 1 - column 2, line 5*	1,9	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			H 01 K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20-10-1982	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	