



(11) Publication number : **0 580 395 A3**

(12) **EUROPEAN PATENT APPLICATION**

(21) Application number : **93305679.8**

(51) Int. Cl.⁵ : **G08B 13/193, G08B 13/191**

(22) Date of filing : **20.07.93**

(30) Priority : **24.07.92 GB 9215757**

(43) Date of publication of application :
26.01.94 Bulletin 94/04

(84) Designated Contracting States :
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

(88) Date of deferred publication of search report :
04.05.94 Bulletin 94/18

(71) Applicant : **BRIDISCO LIMITED**
Devonshire House, 550 White Hart Lane
London N17 7RQ (GB)

(72) Inventor : **Gough, Keith Adrian**
3 Blaking Drive, Knowsley Village
Prescott, Merseyside L34 0JE (GB)

(74) Representative : **Ajello, Michael John**
207 Moss Lane
Bramhall Stockport Cheshire SK7 1BA (GB)

(54) **A PIR sensor device.**

(57) A miniaturised and sealed PIR sensor device adapted to be positioned within the body of a lighting appliance and comprising a housing (10) with integrally moulded lens (12) and containing a PIR sensor (14) behind the lens (12) and associated switching circuitry (15) contained within the housing (10). A sealing substance (16) fills the remaining space of the housing (10) beneath a welded-on back plate (11). The device may be located conveniently behind the mounting plate of a wall mounted lighting appliance with the lens (12) exposed by or projecting through a small aperture in the appliance. The device obviates the need for a separate PIR housing alongside of beneath the appliance.

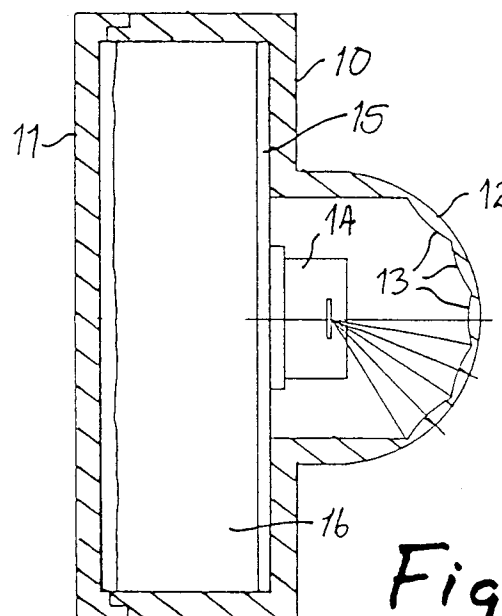


Fig.2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 93 30 5679

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.5)
Y	EP-A-0 484 293 (TEKNOX S.R.L.) * abstract; figures 2,7 * * column 4, line 13 - line 37 * * column 7, line 50 - line 55 *	1	G08B13/193 G08B13/191
A	*Idem* ---	2,3,5,6, 8	
Y	US-A-4 271 360 (WARD) * abstract; figure 6 * * column 2, line 59 - column 3, line 12 *	1	
A	GB-A-2 122 339 (BLOICE) * abstract; figures 1,2 * * page 3, line 47 - line 55 *	1-3,5,6, 8	
A	US-A-5 015 994 (HOBBERMAN ET AL.) * abstract; figure 1 * * column 2, line 42 - line 67 *	1,8	
A	US-A-5 055 685 (SUGIMOTO ET AL.) * abstract; figure 10 * * column 10, line 11 - line 19 *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
A	GB-A-2 221 984 (WILD) * the whole document *		G08B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 22 February 1994	Examiner Danielidis, S
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			

EPO FORM 1503 01.82 (P04C001)