

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
07.03.2001 Bulletin 2001/10

(51) Int Cl.7: G08B 17/107, G08B 17/113

(43) Date of publication A2:  
18.10.2000 Bulletin 2000/42

(21) Application number: 00650025.0

(22) Date of filing: 31.03.2000

<div>(84) Designated Contracting States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE Designated Extension States: AL LT LV MK RO SI</div> <div>(30) Priority: 13.04.1999 IE 990304 26.05.1999 IE 990427</div> <div>(71) Applicant: E.I. Technology Limited Shannon, County Clare (IE)</div> <div>(72) Inventors: • Byrne, Michael Limerick (IE)</div>	<div> <div>• Duignan, James Limerick (IE)</div> <div>• Fawcett, Keith Limerick (IE)</div> <div>• Flynn, Fergus Newmarket-on-Fergus, County Clare (IE)</div> <div>• Guinee, Michael Limerick (IE)</div> </div> <div>(74) Representative: Weldon, Michael James et al c/o John A. O'Brien &amp; Associates, Third Floor, Duncairn House, 14 Carysfort Avenue Blackrock, Co. Dublin (IE)</div>
--	---

(54)

An alarm device

(57) An alarm device 1 comprises a base (2) which is secured to a ceiling using screw fasteners (11). A mains cable (12) is trained in through the base (2) at an aperture (19) and electrical connections are made to a terminal block (14). An alarm body (3) is then electrically and mechanically connected to the base (2) by simply

sliding it in the plane of the base (2) until electrical and mechanical connections are automatically made. The alarm body (3) may be separated to insert a back-up battery or for maintenance by initially releasing a safety catch using a screwdriver and pushing in the opposite direction.

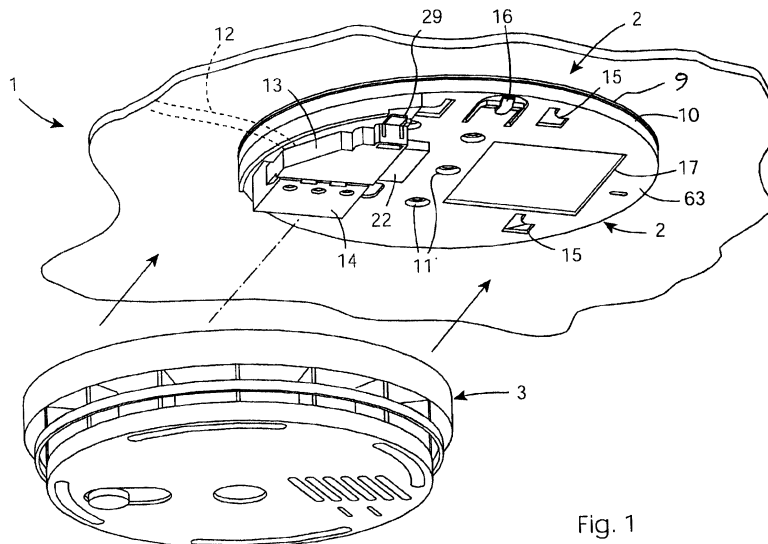


Fig. 1



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number  
EP 00 65 0025

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
X	GB 2 276 970 A (DEE ELECTRONICS LIMITED) 12 October 1994 (1994-10-12)	1-3,7-9, 12,13	G08B17/107 G08B17/113
Y	*abstract*	4-6,10, 11	
A	* page 4, line 1 - page 4, line 18; figures 1-5 *	14-16	
	---		
Y	CH 633 122 A (CERBERUS AG) 15 November 1982 (1982-11-15) * page 2, left-hand column, line 45 - page 3, left-hand column, line 67; figures 1-6 *	4-6	
	* page 4, left-hand column, line 21 - page 4, right-hand column, line 6 *		
	---		
Y	GB 2 292 489 A (APHEL) 21 February 1996 (1996-02-21) * Abstract *	10,11	
	* page 4, paragraph 4; figures 1A,1B *		
	---		
A	GB 2 137 390 A (EMHART IND) 3 October 1984 (1984-10-03) * page 1, line 30-32; figures 3,4 *	7	TECHNICAL FIELDS SEARCHED (Int.CI.7) G08B
	-----		
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>21 November 2000</b>	Examiner <b>Wright, J</b>
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 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 65 0025

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

21-11-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2276970 A	12-10-1994	NONE	
CH 633122 A	15-11-1982	DE 7823178 U	13-09-1979
		JP 55006698 A	18-01-1980
GB 2292489 A	21-02-1996	NONE	
GB 2137390 A	03-10-1984	AU 1893383 A	13-09-1984
		DE 3336273 A	13-09-1984
		FR 2542477 A	14-09-1984
		JP 59163693 A	14-09-1984