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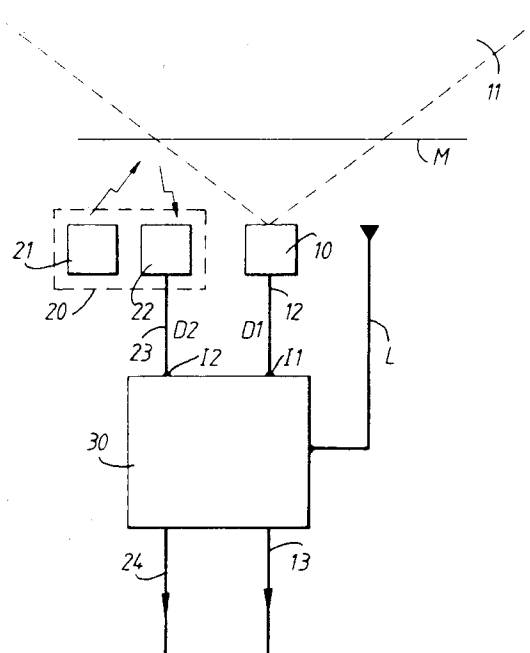
(11) Publication number:

**0 507 025 A3**

(12)

**EUROPEAN PATENT APPLICATION**(21) Application number: **91307782.2**(51) Int. Cl.<sup>5</sup>: **G08B 13/19, G08B 29/04**(22) Date of filing: **23.08.91**(30) Priority: **04.04.91 GB 9107062**(43) Date of publication of application:  
**07.10.92 Bulletin 92/41**(84) Designated Contracting States:  
**DE FR GB IT**(88) Date of deferred publication of the search report:  
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**Ickenham Uxbridge UB10 8BZ (GB)**(54) **Intruder detection arrangements and methods.**

(57) An intruder detection arrangement has a passive infra-red sensor (10) for detecting the presence of an intruder in a predetermined zone of protection and an IR anti-masking detection unit (20) for detecting the presence of masking material M in view of sensor (10). A signal processing circuit (30) is responsive to outputs from the sensor (10) and the detection unit (20) producing an intruder alarm signal in response to an output from sensor (10) and an anti-masking alarm signal in response to an output from unit (20). The signal processing circuit is arranged to cancel the anti-masking alarm signal in response to an output from sensor (10) produced after the output from unit (20) that gave rise to the anti-masking alarm signal.

*Fig.1.***EP 0 507 025 A3**



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## EUROPEAN SEARCH REPORT

Application Number

EP 91 30 7782

### DOCUMENTS CONSIDERED TO BE RELEVANT

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 )
A	EP-A-0 289 621 (TAKENAKA ENGINEERING CO. LTD.) * abstract; figures 2,5 * * page 9, line 12 - line 26 * ----	1-5,8	G08B13/19 G08B29/04
A	EP-A-0 186 226 (N.V.PHILIPS` GLOEILAMPENFABRIEKEN) * abstract; figures 1-4 * * page 12, line 17 - line 34 * ----	1	
A	EP-A-0 189 536 (CERBERUS AG) * abstract; figures 1,2 * * page 8, line 10 - line 18 * ----	1	
A	US-A-3 928 849 (SCHWARZ) * the whole document *  -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5 )
			G08B
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
BERLIN	14 DECEMBER 1992	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	