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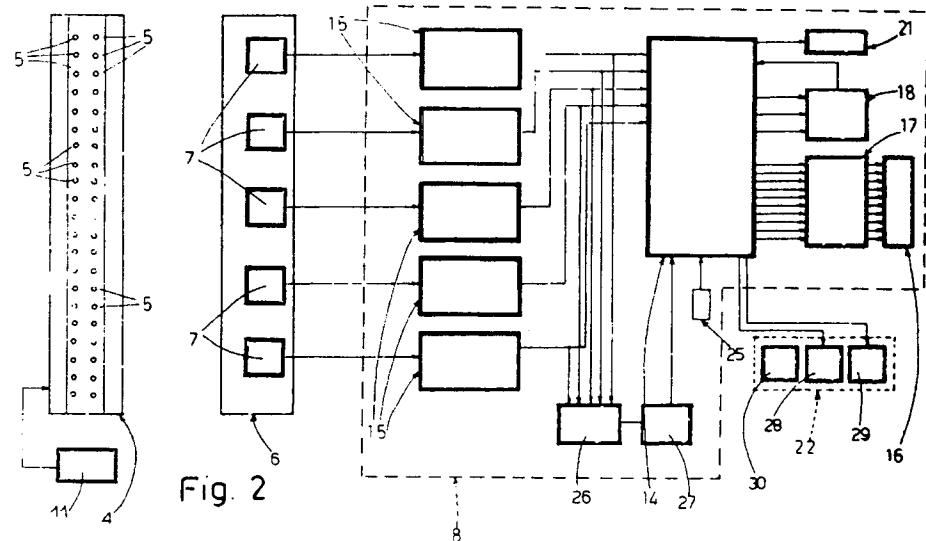
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㉓ **Optical barrier for detecting moving objects.**

㉔ A barrier (1) comprising a transmitting unit (4) set up on one side of a path and having a number of infrared-emitting diodes (5) multiplexed and modulated at a predetermined frequency; a receiving unit (6) set up on the opposite side of the path and having a number of infrared photoreceivers (7); and electronic equipment (8) for controlling the electric signals generated by the photoreceivers (7). The

electronic equipment (8) comprises an electronic processing unit (14) for automatically determining a reference value (Vf) for each of the photoreceivers (7); for comparing the signals generated by the photoreceivers (7) with the reference value (Vf); and for checking the comparison and so indicating the status, clear or engaged, of the barrier.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 93100574.8
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	DE - C - 2 648 631 (LICENTIA) * Column 6, line 47 - - column 7, line 49 * --	1, 2, 5, 6, 10, 11	G 08 G 1/04
A	GB - A - 1 204 484 (GENERAL ELECTRIC) * Fig. 1; page 2, line 17 - page 3, line 3 * ----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G 08 G G 01 V
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
VIENNA	30-12-1994	FUSSY	
CATEGORY OF CITED DOCUMENTS		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	
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			