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54 **Guard system.**

57 Guard system for protecting some space against undetected intrusion uses a plurality of wave beam paths (from transmitter T1 - Tn to receivers R1 - Rn) selectively energised in cycles (multiplexer Tx - Mx) so that each beam (transmitters T1 - Tn) is energised for part only of each cycle. Presence or absence of beam energy indicative of intrusion is monitored (receivers R1 - Rn and multiplexer Rx - Mx). Signal level discrimination (46) of received signals operates both logic circuitry (flipflop 55) to give effectively continuous output (56, 58) except for beam interruption (52) even through a quiescent state of each cycle, and fault indication logic circuitry (100 via 70, 72) that is shown duplicated.

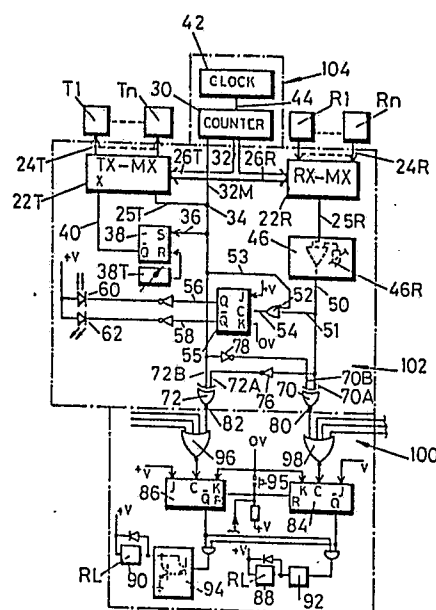


FIG. 3



European Patent
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EUROPEAN SEARCH REPORT

0206664

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EP 86 30 4518

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. 4)
X	WO-A-8 100 750 (AMBLER) * Page 13, line 14 - page 16, line 9; figure 3 * ---	1-12	G 08 B 13/18
X	US-A-3 970 846 (SCHOFIELD) * Column 3, line 62 - column 5, line 28; figures 1,3 * -----	1-13	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 08 B F 16 P
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29-11-1988	Examiner SGURA S.
CATEGORY OF CITED DOCUMENTS			
<div><div>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</div><div>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</div></div>			