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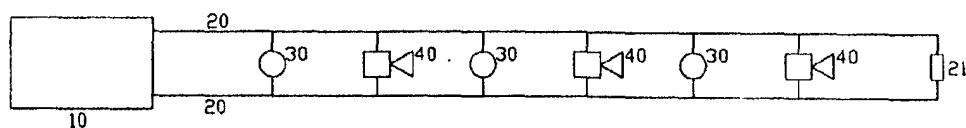
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(54) **Alarm apparatus**

(57) An alarm apparatus using a single pair of signal wires (20) coupled to detector units (30) and alarm output units (40). Voltage on the signal wires (20) is re-

versed to indicate an alarm condition and periodically dipped to a third voltage level to decouple the alarm output units (40) enabling the detector units (30) to be monitored in the alarm state.

FIG.1





European Patent
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EUROPEAN SEARCH REPORT

Application Number
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G08B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 November 2000	Examiner Coffa, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 99 30 4994

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
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