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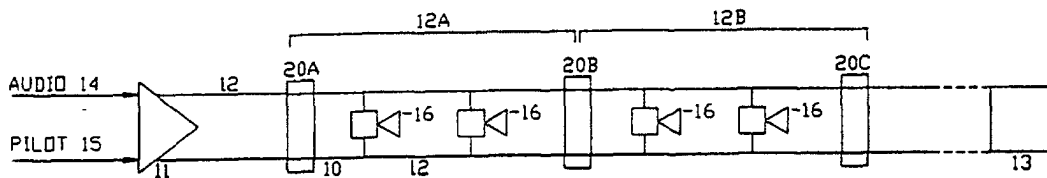
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(54) **PA system having zone isolator circuits**

(57) A public address network using a single pair of signal wires (12) split in to sections using isolator circuits (20) which detect short circuit faults and open circuit

faults and isolate if a fault is detected. In a fault tolerant mode an audio signal (14) and a pilot signal (15) for powering the isolators (20) are supplied from both ends of the signal wires (12).

FIG.1



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EUROPEAN SEARCH REPORT

Application Number
EP 99 30 5005

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			H04R G11B G08B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		28 January 2004	Zanti, P
CATEGORY OF CITED DOCUMENTS			
<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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28-01-2004

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82