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(54) **Safety device for lighting systems formed by a plurality of lamps connected in series**

(57) A lighting system formed by a plurality of lamps (3) connected in series according to a load mesh (3a) includes a safety device in which a first control switch (11) is connected in series with the load mesh (3a) and can take one of two characteristic positions, namely non-operative position (I) and operative position (O). A detection mesh (3b) is derived from the terminals of the control switch (11) upon connection therewith, that is established in phase relation with a corresponding operative configuration of position (O) of the control switch (11). A measuring device (90) detects the current in the circuit resulting from the series connection of the load mesh (3a) and detection mesh (3b).

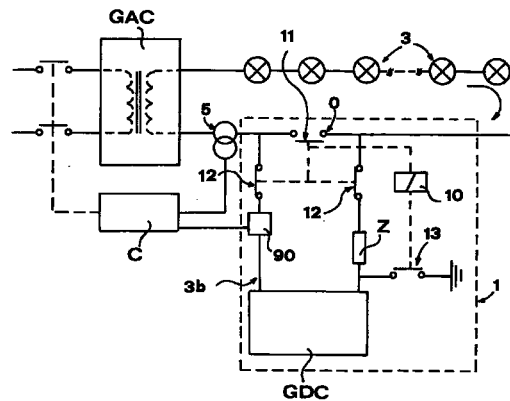


FIG. 3

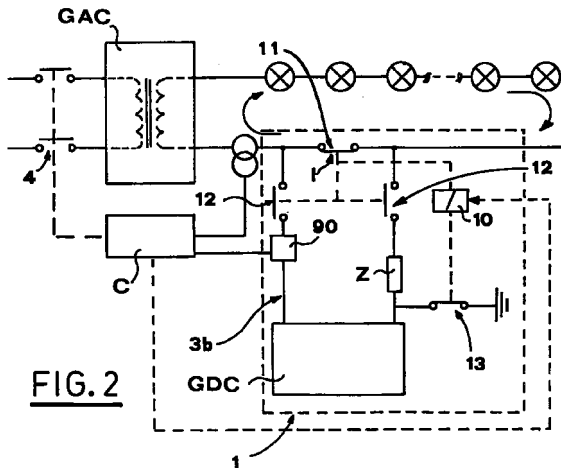


FIG. 2



European Patent Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 10 4798

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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	30 June 2000	Albertsson, E	
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	
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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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