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(54) **Safety circuit for a heating circuit of a washing machine, dishwasher or drier**

(57) The invention relates to a safety circuit for a heating circuit of a washing machine or dishwasher or of a drier, wherein the heating circuit includes a series connection comprising heating switching contact, heating resistor and safety switch, and wherein a monitoring arrangement monitors the heating circuit for faults and, in the event of a fault, causes the heating circuit or the machine to be switched-off. The operational reliability of the heating circuit is easily improved as a result of the potentials at the junctions between the heating switching contact and heating resistor and/or between the heating resistor and safety switch being supplied to a logic circuit which, only when the potential conditions in the heating circuit are correct, issues no fault signal to switch-off the heating circuit or the machine.

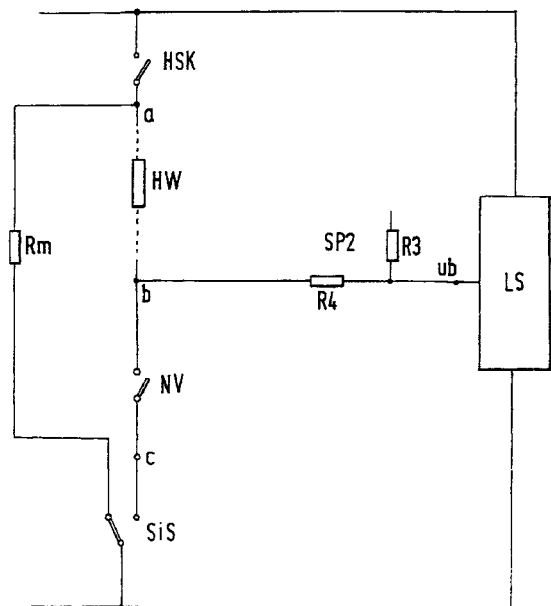


Fig.1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 98 12 2364

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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Place of search THE HAGUE		Date of completion of the search 24 November 1999	Examiner Courrier, G
CATEGORY OF CITED DOCUMENTS 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		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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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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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