

Title (en)

Safety circuit for a heating circuit of a washing machine, dishwasher or drier

Title (de)

Sicherung in der Heizschaltung einer Waschmaschine ,einer Geschirrspülmaschine oder eines Trockners

Title (fr)

Sécurité sur le circuit de chauffage d'une machine à laver le linge ou la vaisselle ou d'un sèche-linge

Publication

EP 0924331 B1 20060712 (EN)

Application

EP 98122364 A 19981125

Priority

DE 19755089 A 19971211

Abstract (en)

[origin: EP0924331A2] 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. <IMAGE>

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102013226833A1; US9915442B2; WO2011051178A1; DE102008016629A1; EP2520701A3; US2011213505A1; US8983668B2; CN106149284A; JP2018514306A; CN102959152A; EP3175761A1; EP3177104A1; US7948115B2; EP2386806A1; CN102906511A; ITMI20100862A1; US2013126517A1; AU2011251956B2; WO2011141536A1; WO2016173353A1; US7858907B2; US8869426B2; EP3176306A1; US10136473B2; EP2887764A2; EP2569476B1

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