

Title (en)

CIRCUIT ASSEMBLY FOR OPERATING A HOUSEHOLD APPLIANCE AND CORRESPONDING METHOD

Title (de)

SCHALTUNGSANORDNUNG ZUM BETREIBEN EINES HAUSGERÄTES UND ENTSPRECHENDES VERFAHREN

Title (fr)

CONFIGURATION DE CIRCUIT POUR FAIRE FONCTIONNER UN APPAREIL ÉLECTROMÉNAGER, ET PROCÉDÉ CORRESPONDANT

Publication

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Application

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- EP 2011051433 W 20110202

Abstract (en)

[origin: WO2011104073A1] The present invention relates to a circuit assembly 2 for operating a household appliance 1, comprising: a circuit input 4 for applying an AC supply voltage U_v , a control device 3 for controlling operating processes of the household appliance 1, a voltage supply unit 10 coupled to the control device 3 for providing a DC operating voltage U_B for the control device 3 from the AC supply voltage, an operator-actuatable pushbutton 18 by means of which the voltage supply unit 10 can be coupled to the circuit input 4, and an electric switch 11 connected in parallel to the pushbutton 18. The electric switch can be switched by the control device 3 between an electrically conductive switch state in which the voltage supply unit 10 is coupled to the circuit input 4 and an electrically disabling switch state, wherein the circuit assembly 2 comprises a state detection device 23 which is coupled to the pushbutton 18 and the control device 3 and is designed to detect a switch state of the pushbutton 18 and to output a state signal 26 that reflects the switch state of the pushbutton 18 to the control device 3, wherein the control device 3 is designed to switch the electric switch 11 in accordance with the state signal 26, and at least partially electrically decouples the state detection device 23 from the electric switch 11 by means of a decoupling device 12 connected between the electric switch 11 and the state detection device 23.

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