

Title (en)
CIRCUIT ARRANGEMENTS FOR OPERATING A HOUSEHOLD APPLIANCE

Title (de)
SCHALTUNGSANORDNUNGEN ZUM BETREIBEN EINES HAUSGERÄTS

Title (fr)
CIRCUITS POUR FAIRE FONCTIONNER UN APPAREIL ÉLECTROMÉNAGER

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Application
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Abstract (en)
[origin: WO2009071413A1] The invention relates to a circuit arrangement for operating a household appliance, in particular a household appliance for the care of laundry items, having a switched-mode power supply (18) for converting a power supply (UN) of a public power supply network into a direct supply voltage, having a control unit (21) for controlling processes of the household appliance, wherein said control unit is connected to the switching power supply (18) and can be supplied by the direct supply voltage, and having an EMC filter for protecting the public power supply network from interfering signals from the household appliance, wherein said filter has a condenser (9) connected between a phase conductor pole (2) and a neutral conductor pole (3) of the public power supply network and a bleeder resistor (10) connected parallel thereto, wherein the condenser (9) and the bleeder resistor (10) can be coupled to the neutral conductor pole (3) via a switch (11) which can be activated by the control unit (21). The invention further relates to other circuit arrangements for operating a household appliance.

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Citation (search report)
See references of WO 2009071413A1

Citation (third parties)
Third party :
• EP 0399406 A2 19901128 - HITACHI LTD [JP]
• EP 0775463 B1 20010411 - WHIRLPOOL CO [US]
• JP 2001009189 A 20010116 - HITACHI LTD
• JP S5914890 A 19840125 - MATSUSHITA ELECTRIC IND CO LTD
• JP S63107456 A 19880512 - MATSUSHITA ELECTRIC IND CO LTD
• JP H04105693 A 19920407 - TOSHIBA CORP, et al
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• JP 2000023479 A 20000121 - MATSUSHITA ELECTRIC IND CO LTD
• JP 2005312174 A 20051104 - SHARP KK

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