

Title (en)

CIRCUIT ARRANGEMENT AND METHOD FOR OPERATING A PELTIER MODULE OF A HEAT PUMP IN A DOMESTIC APPLIANCE

Title (de)

SCHALTUNGSANORDNUNG UND VERFAHREN ZUM BETREIBEN EINES PELTIER-MODULS EINER WÄRMEPUMPE EINES HAUSGERÄTS

Title (fr)

CIRCUIT ET PROCÉDÉ POUR FAIRE FONCTIONNER UN MODULE PELTIER D'UNE POMPE À CHALEUR DANS UN APPAREIL ÉLECTROMÉNAGER

Publication

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Application

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Abstract (en)

[origin: WO2007134925A1] The invention relates to a circuit arrangement for operating a Peltier module (1) of a heat pump in a domestic appliance, in particular for the treatment of laundry items, with a number of Peltier elements (2), with a switch regulator (6) and an intermediate circuit comprising a power store (5a, 9, 9') and connected to the switch regulator (6), wherein energy generated by the Peltier module (1) can be stored in the power store (5a, 9, 9'), independent of the operating condition of the Peltier module (1), for further use in the domestic appliance when needed. The invention further relates to a method for operating a Peltier module (1) of a heat pump in a domestic appliance.

IPC 8 full level

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