

Title (en)
DOMESTIC APPLIANCE

Title (de)
HAUSHALTSGERÄTEVORRICHTUNG

Title (fr)
APPAREIL ÉLECTROMÉNAGER

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Application
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Abstract (en)
[origin: WO2018116055A1] The invention relates to a domestic appliance having at least one inverter unit in half-bridge or full-bridge circuit for the operation of a plurality of inductors by means of a multiplexer. The aim of the invention is to improve efficiency. This aim is achieved by a domestic appliance, in particular a cooking appliance, having at least a number N of row switching elements (10a-q), at least a number M of column switching elements (12a-q), and at least one heating matrix (14a-q), which has at least a number N×M of heating matrix elements (16a-q), wherein, for any i from 1 to N and any j from 1 to M with a total number N+M of row switching elements (10a-q) and column switching elements (12a-q) greater than 2, the i,j-th heating matrix element (16a-q) comprises at least one i,j-th inductor (18a-q) and is connected both to the i-th row switching element (10a-q) and to the j-th column switching element (12a-q).

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US 2011272397 A1 20111110 - ARTAL LAHOZ MARIA CARMEN [ES], et al

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