

Title (en)  
Heating device connection

Title (de)  
Heizvorrichtungsschaltung

Title (fr)  
Circuit de dispositif de chauffage

Publication  
**EP 1921897 A1 20080514 (DE)**

Application  
**EP 07119968 A 20071105**

Priority  
ES 200602926 A 20061108

Abstract (en)  
The circuit has a voltage converter unit (56) assigned to a heating unit (22). The voltage converter unit is assigned to a set of heating modules (24) for producing a heating signal (H). A control device (46) is provided to form a heating group of the heating modules depending on a position of an object (18) i.e. pot, to be heated relative to the heating modules for heating the object. The voltage converter unit exhibits a maximum power that is lesser than the power of the set of heating modules, where the voltage converter unit converts an input voltage (VN) into a small output voltage (V).

Abstract (de)  
Die Erfindung geht aus von einer Heizvorrichtungsschaltung, insbesondere einer Induktionskochvorrichtungsschaltung, mit zumindest einer Heizeinheit (22). Um einen Betrieb der Heizeinheit mit an deren Auslegung angepassten elektrischen Betriebskenngrößen zu erreichen, wird vorgeschlagen, dass die Heizvorrichtungsschaltung eine Spannungswandlereinheit (56) aufweist, die der Heizeinheit (22) zugeordnet ist.

IPC 8 full level  
**H05B 6/12** (2006.01)

CPC (source: EP ES)  
**H05B 6/062** (2013.01 - EP); **H05B 6/12** (2013.01 - ES); **H05B 2213/03** (2013.01 - EP)

Citation (search report)

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Citation (examination)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1921897 A1 20080514**; ES 2310960 A1 20090116; ES 2310960 B1 20091105

DOCDB simple family (application)  
**EP 07119968 A 20071105**; ES 200602926 A 20061108