

Title (en)  
High-frequency heating device

Title (de)  
Hochfrequenzheizvorrichtung

Title (fr)  
Dispositif de chauffage haute fréquence

Publication  
**EP 1811814 A2 20070725 (EN)**

Application  
**EP 07100994 A 20070123**

Priority  
JP 2006013393 A 20060123

Abstract (en)  
To provide a high-frequency heating device characterized by detecting temperatures at a plurality of temperature detecting points by temperature detecting means so that the presence/absence of a cooking dish may be decided from the plural temperatures detected. The high-frequency heating device comprises: a heating chamber 1 for housing an object 6 to be heated; a cooking dish 3 having an electric wave heating member applied thereto for placing the object 6, a dish receiving shelf 2 for placing the cooking dish 3; temperature detecting means 8 for detecting the temperature of an object; heating means 7 for heating the object 6 and the cooking dish 3; and heating control means 12 for controlling a heating pattern and a heating time period. Temperature detecting means 11 detects the temperatures at a plurality of temperature detecting points, and decides the presence/absence of the cooking dish 3 from the temperatures detected.

IPC 8 full level  
**H05B 6/68** (2006.01)

CPC (source: EP)  
**H05B 6/6435** (2013.01); **H05B 6/6455** (2013.01)

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1811814 A2 20070725**; **EP 1811814 A3 20130306**; CN 101008500 A 20070801; CN 101008500 B 20120718; JP 2007192518 A 20070802

DOCDB simple family (application)  
**EP 07100994 A 20070123**; CN 200710004075 A 20070123; JP 2006013393 A 20060123