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ABSTRACT

An oven defines an oven cavity for receiving a food product for heating and comprises a housing, a door for closing the oven cavity, means for heating, means for providing air circulation, means for measuring temperature and a controller for controlling the operation of the heating means and the operation of the means for measuring temperature, wherein the means for heating comprises an oven element provided in the top section of the oven, a base element provided in the base of the oven and a microwave source, the oven cavity has a base which is ceramic and defines a heating surface which is heated by the base element in use of the oven, the base element is a radiant element, the housing comprises a floor section located between the ceramic base of the oven cavity and the base element, the floor section comprises a metal body provided with apertures, the metal body lying over the base element, the means for measuring temperature comprises a first temperature sensor and a second temperature sensor, the first temperature sensor is located in the base section of the oven and is located between the base element and the metal body, the second temperature sensor is located in the oven cavity remote from the ceramic base, and the controller is configured to control independently the temperature of the ceramic base and the temperature within the oven cavity.

