

ABSTRACT

RADIANT ELECTRIC HEATER FOR A MICROWAVE OVEN

5 A microwave oven (1) comprises an oven cavity (3) containing a rotatable turntable (4) for supporting one or more items to be heated. A radiant electric heater (5) is arranged for location above the turntable (4) and comprises at least one first heating element (6) and at
10 least one second heating element (7). The at least one first heating element (6) overlies only a proportion of the total upper surface area of the turntable (4) such that, in operation, for each complete rotation of the turntable substantially all parts of the upper surface of
15 the turntable are heated for substantially the same duration of time, the at least one first heating element (6) providing a first power density. The at least one second heating element (7), or a combination with the at least first heating element (6), overlies substantially
20 the total upper surface area of the turntable (4), with the at least one second heating element operated alone, or an operating combination of the at least one second heating element (7) with the at least one first heating element (6), providing a second power density lower than
25 the first power density.

Fig. 1

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED