

Title (en)
Radiant element for a cooking apparatus

Title (de)
Strahlheizkörper für ein Kochgerät

Title (fr)
Radiateur pour un appareil de cuisson

Publication
EP 0556892 B1 19960911 (DE)

Application
EP 93200295 A 19930204

Priority
DE 4203996 A 19920212

Abstract (en)
[origin: EP0556892A1] The invention relates to a radiant element (10) for a cooking apparatus, having a cooking plate (16) constructed in particular as a glass ceramic plate, and having at least one trough-shaped reflector (14, 15), which has a radiator (12, 13) and is divided by a raised break edge (19, 20) which extends below the radiator into two curved reflector segments (14a, b; 15a, b), the reflector segment (14a, 15a) extending outwards from the break edge (19, 20) being subdivided into an adjacent inner sub-region (26), a central sub-region (27) and an outer sub-region (28) and being formed in such a way a) that the direct radiation (31) impinging in the inner sub-region (26) is directed essentially into the outer region of the cooking plate after double reflection (31'') in the inner and outer sub-regions (26, 28), b) that the direct radiation (33) impinging in the central sub-region (27) is directed essentially into the region of the cooking plate (16) situated above this sub-region after single reflection (31'), and c) that the direct radiation (32) impinging in the outer sub-region (28) is directed essentially into the outer region of the cooking plate (16) after single reflection (32'). <IMAGE>

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IPC 8 full level
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