

Title (en)
RADIATING HEATING ELEMENT

Publication
EP 0265635 B1 19920603 (DE)

Application
EP 87112841 A 19870903

Priority
DE 3635345 A 19861017

Abstract (en)
[origin: US4794233A] A radiant heater has a shallow shell-like support for carrying heating resistors and a glass ceramic top plate. A connection and hot warning indicating device is arranged in the space between the top plate and the support. The light source is preferably a low voltage tungsten halogen lamp which projects, at most, slightly beyond the front side of the support. Despite a very compact construction, the radiant heater is not subject to dazzle effects even over a large area, and a readily visible indicating illumination is obtained. The light source can be operated at different brightness levels, for example one brightness level indicating the switched-on condition of the heating resistor and the other brightness level indicating the hot-to-touch condition of the top plate, notwithstanding the switched-on or switched-off condition of the heating resistor.

IPC 1-7
H05B 3/74; H05B 6/68

IPC 8 full level
H05B 3/74 (2006.01); **H05B 6/68** (2006.01)

CPC (source: EP US)
H05B 3/748 (2013.01 - EP US)

Citation (examination)
GB 1346574 A 19740213

Cited by
GB2241322A; GB2249386B; EP0540876A3; EP0383014A3; EP2101546A3; WO9938360A1

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