

Title (en)
Heating apparatus.

Title (de)
Heizapparat.

Title (fr)
Appareil de chauffage.

Publication
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Application
EP 85306107 A 19850829

Priority
• GB 8422902 A 19840911
• GB 8424667 A 19840929

Abstract (en)
A heating unit includes two tubular tungsten-halogen lamps (1, 2), each having a tungsten filament (3, 4). The lamps (1, 2) are supported within a ring (7) of ceramic fibre material and the unit is preferably mounted beneath an infra-red-transmissive cooktop to define a hotplate area (8) of a cooking hob. A control circuit provides a range of discrete power outputs of the lamps (1, 2), each power output corresponding to a power control setting set by a user of the cooking hob. The circuit includes a phase control circuit (19) for switching power to the lamps (1, 2) at a predetermined phase angle to achieve one or more of the lower power outputs.

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H05B 3/74; H05B 3/68

IPC 8 full level
H05B 3/74 (2006.01)

CPC (source: EP)
H05B 3/744 (2013.01)

Citation (search report)
• GB 2132060 A 19840627 - THORN EMI DOMESTIC APPLIANCES
• US 3355574 A 19671128 - BASSETT JR ARTHUR T

Cited by
GB2339347A; GB2216351A; GB2216351B; GB2246033A; EP0223503A1; GB2246253A; GB2246253B; GB2215536A; EP0251539A1; US4761529A; FR2642602A1; GB2215533A; GB2215533B

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