

Title (en)
TEMPERATURE-REGULATING DEVICE FOR A HEATING APPARATUS

Publication
EP 0114307 B1 19870916 (DE)

Application
EP 83112652 A 19831215

Priority
DE 3247028 A 19821218

Abstract (en)
[origin: EP0114307A1] 1. Temperature regulating and control device for a heating apparatus with a temperature sensor, whose heat transfer element (16) extends between a radiant heater (12) and a glass ceramic cooking surface (11) over part of the radiant heater (12) and which is exposed to the heat generated by the latter, and at one end of the heat transfer member (16), its temperature switch (21) thermally coupled thereto is located outside the heated zone for reducing the heat emission of the heating apparatus, characterized in that the heat transfer member (16) is constructed in rod-like manner and is formed from a tube (17) of scalefree material, particularly high-grade steel, and an inner rod (31) arranged therein made from good heat conducting material, preferably copper, that the temperature switch is a bimetal switch (21) and that the rod-like heat transfer member (16) is guided essentially diagonally over the radiant heater (12).

IPC 1-7
H05B 3/74; **H05B 1/02**; **F24C 15/10**

IPC 8 full level
F24C 15/10 (2006.01); **H05B 1/02** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP)
F24C 15/105 (2013.01); **H05B 1/0213** (2013.01); **H05B 3/746** (2013.01); **H05B 3/748** (2013.01); **H05B 2213/04** (2013.01); **H05B 2213/07** (2013.01)

Cited by
GB2225920A; GB2218605A; CN105252685A; EP0303854A1; US4931621A; ES2264397A1; EP0250880A2; US7388175B2; WO2004066049A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0114307 A1 19840801; **EP 0114307 B1 19870916**; AT E29820 T1 19871015; DE 3247028 A1 19840620; DE 3373771 D1 19871022; ES 528096 A0 19840801; ES 8406832 A1 19840801; YU 244283 A 19851231; YU 45166 B 19920310

DOCDB simple family (application)
EP 83112652 A 19831215; AT 83112652 T 19831215; DE 3247028 A 19821218; DE 3373771 T 19831215; ES 528096 A 19831216; YU 244283 A 19831215