

Title (en)
Shielded PCT heating element

Title (de)
Abgeschirmtes PCT-Heizelement

Title (fr)
Élément chauffant blindé à effet CTP

Publication
EP 1422972 B1 20091209 (FR)

Application
EP 03356160 A 20031020

Priority
FR 0213251 A 20021023

Abstract (en)
[origin: US2004084439A1] A heating element for an electric appliance for heating or cooking foods. The heating element is composed of: a tubular metal envelope; and a resistance wire encased in an insulator disposed at the interior of the tubular envelope. The wire is composed of nickel and iron as the two principal elements, and has a temperature coefficient alpha greater than 1500 ppm/° C. The wire may be wound in a spiral and the outer diameter of the spiral is greater than 0.7 times the inner diameter of the tubular envelope.

IPC 8 full level
H05B 3/48 (2006.01); **H05B 3/12** (2006.01); **H05B 3/68** (2006.01)

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