

Title (en)

Electric heating element for infrared heating device and its manufacturing method

Title (de)

Elektrischer Heizkörper für ein Gerät mit Infrarotstrahlung und Verfahren zu seiner Herstellung

Title (fr)

Élément chauffant électrique destiné à être monté dans un appareil de chauffage par infrarouge et procédé de fabrication

Publication

EP 0526778 B1 19960911 (FR)

Application

EP 92112072 A 19920715

Priority

FR 9109761 A 19910731

Abstract (en)

[origin: EP0526778A2] The invention relates to a heating element comprising, in a quartz tube (1), a coiled wire forming a resistor (2), each end (3, 4) of which passes through an insulating sleeve (5, 6) and is connected by virtue of a means of electrical connection to a lead (7, 8), and in which a securing means enables the resistive wire to be held between the two sleeves. According to the invention, the means of connection includes a housing (9, 10) made at the end of the lead and into which is inserted the resistive wire, and a means of immobilising the resistive wire in the said housing, whilst the securing means consists of a bend (13, 14) of each end of the resistive wire, made outside the corresponding sleeve. Application to infrared heating appliances such as ovens. <IMAGE>

IPC 1-7

H05B 3/08; H05B 3/44; H05B 3/64

IPC 8 full level

H05B 3/08 (2006.01); **H05B 3/44** (2006.01)

CPC (source: EP)

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Cited by

EP0627869A1; CN101984731A; CN105072714A; FR2706111A1; DE19581852B4; CN104902593A

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