

Title (en)

ELECTRIC HEATING ELEMENT FOR INFRARED HEATING DEVICE AND ITS MANUFACTURING METHOD

Publication

EP 0526778 A3 19930714 (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 3/00; **H05B 3/64**

IPC 8 full level

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

CPC (source: EP)

H05B 3/08 (2013.01); **H05B 3/44** (2013.01)

Citation (search report)

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- [A] FR 989217 A 19510906 - APP G A L SA DES
- [A] BE 526563 A
- [A] DATABASE WPIL Section EI, Week 9046, Derwent Publications Ltd., London, GB; Class V, AN 90-160946 & US-A-4 966 565 (YAZAKI CORP.) 30 Octobre 1990

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