

Title (en)

HEATING ELEMENT WITH INTEGRATED HEAT SAFETY DEVICE

Title (de)

HEIZELEMENT MIT THERMISCHER SICHERHEITSVORRICHTUNG

Title (fr)

ELEMENT CHAUFFANT AVEC INTEGRATION D'UN DISPOSITIF DE SECURITE THERMIQUE

Publication

EP 1247429 B2 20090708 (FR)

Application

EP 01903905 A 20010110

Priority

- FR 0100065 W 20010110
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Abstract (en)

[origin: WO0152601A1] The invention relates to armoured heating elements. The invention specifically relates to a heating device (1) consisting of a tubular envelope, wherein a heating element (4) surrounded by insulation (3) is arranged, said heating element (4) is connected to an electric supply circuit by connecting (14) rods and pins (10,12) and said tubular envelope (2) is provided with two cylindrical sealing beads (16) arranged in the ends thereof, whereby at least one of the beads known as a specific bead (16) is in direct contact with the insulation (3) surrounding the heating element (4); The invention is characterized in that the specific bead (16) comprises an axially transversal recess (18), wherein a thermal fuse (20) is inserted and electrically and serially mounted with said heating element (4).

IPC 8 full level

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Citation (opposition)

Opponent :

- DE 2514584 A1 19761202 - BAHLMANN KG G
- US 4001754 A 19770104 - PLASKO EMIL ROBERT

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