

Title (en)

Device for supporting electrical heating conductors in industrial furnaces.

Title (de)

Vorrichtung zur Halterung von elektrischen Heizleitern in Industrieöfen.

Title (fr)

Dispositif pour supporter des conducteurs chauffants électriques dans des fours industriels.

Publication

EP 0331880 A1 19890913 (DE)

Application

EP 89100701 A 19890117

Priority

DE 3807721 A 19880309

Abstract (en)

In a device for supporting meandering electrical heating conductors on the hot side of thermally insulating moulded bodies, consisting of ceramic fibres, in industrial furnaces, the heating conductors are supported by anchors in the regions of their bends, which anchors are arranged on the moulded bodies. In order to increase the positional security it is proposed that heating conductor supports be provided which are arranged between the bends (4) of the heating conductors (2) and at a distance from the bends (4), said supports being anchored in the moulded bodies (1) and engaging at least on the sides of the heating conductors (2) facing away from the hot side of the moulded bodies (1). <IMAGE>

Abstract (de)

Bei einer Vorrichtung zur Halterung mäanderförmiger, elektrischer Heizleiter an der heißen Seite von thermisch isolierenden Formkörpern aus keramischen Fasern in Industrieöfen sind die Heizleiter in den Bereichen ihrer Umlenkungen von Ankern gehalten, die an den Formkörpern angeordnet sind. Zur Erhöhung der Lagesicherheit wird vorgeschlagen, zwischen den Umlenkungen (4) der Heizleiter (2) und mit Abstand von den Umlenkungen (4) angeordnete, in den Formkörpern (1) verankerte und mindestens an den der heißen Seite der Formkörper (1) abgewandten Seiten der Heizleiter (2) angreifende Heizleiter-Halterungen vorzusehen.

IPC 1-7

H05B 3/66

IPC 8 full level

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CPC (source: EP)

H05B 3/66 (2013.01)

Citation (search report)

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