

Title (en)
ELECTRIC HEATING ELEMENT

Title (de)
ELEKTRISCHES HEIZELEMENT

Title (fr)
ELEMENT CHAUFFANT ELECTRIQUE

Publication
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Application
EP 04722845 A 20040324

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Abstract (en)
[origin: WO2004086420A1] The invention relates to an electric heating element provided with a durable PTC resistance made at least partially of an iron-based alloy, exhibiting stable characteristics to a temperature of 1500 DEG C and having a resistance/temperature characteristic curve which substantially increases in a linear manner within a temperature range between an ambient temperature and 1500 DEG C and can be used for a temperature control. Said PCT resistance is provided with an oxydation resistant metallisation or is gas-tightly enveloped by a jacket (2, 3, 12), a space between said jacket (2, 3, 12) and the PCT resistance (1,13) being filled with a powder or granules (14) which remove an important gas amount from said space.

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H01C 7/02

IPC 8 full level
H01C 7/02 (2006.01); **H05B 3/48** (2006.01)

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Citation (search report)
See references of WO 2004086420A1

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