

Title (en)
ELECTRIC HEATING ELEMENT

Title (de)
ELEKTRISCHES HEIZELEMENT

Title (fr)
CORPS DE CHAUFFE ELECTRIQUE

Publication
EP 0783830 A1 19970716 (DE)

Application
EP 95930361 A 19950919

Priority

- CH 9500208 W 19950919
- CH 285494 A 19940920
- CH 41495 A 19950213
- CH 206995 A 19950713

Abstract (en)
[origin: WO9609738A1] An electrically conductive heating element consists of an electrically insulated, heat-conductive base (1) and an electrically conductive coating (2) applied thereto to act as a heat source. The plate (1) is plate-shaped and solid, thus being suitable as a heat sink, and can transfer the heat generated directly to the object to be heated. The base (1) preferably consists of silicon nitride or silicon carbide and the electrically conductive layer consists of polycrystalline or amorphous doped silicon or a metal coating.

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H05B 3/74

IPC 8 full level
H05B 3/14 (2006.01); **H05B 3/26** (2006.01)

CPC (source: EP)
H05B 3/141 (2013.01); **H05B 3/265** (2013.01)

Citation (search report)
See references of WO 9609738A1

Citation (examination)

- PATENT ABSTRACTS OF JAPAN vol. 13 no. 106 (E-726) ,14.März 1989 & JP,A,63
- 278203 (OKI ELECTRIC IND. CO.) 15.November 1988,

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EP1130006A1

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WO 9609738 A1 19960328; AT E181199 T1 19990615; AU 3378695 A 19960409; DE 59506182 D1 19990715; DK 0783830 T3 19991227; EP 0783830 A1 19970716; EP 0783830 B1 19990609; ES 2135084 T3 19991016

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