

Title (en)

Electrical heating resistance for electric furnace and manufacturing method for such a resistance

Title (de)

Elektrischer Heizwiderstand für Electroofen und Herstellungsverfahren

Title (fr)

Résistance électrique chauffante pour four électrique et procédé de fabrication d'une telle résistance

Publication

EP 0971561 B1 20020911 (FR)

Application

EP 99401460 A 19990614

Priority

FR 9808634 A 19980706

Abstract (en)

[origin: EP0971561A1] A resistance heater has a ceramic resistance heating portion (12) comprising a sintered mixture of silicon carbide particles, electrically conductive phase forming dopant particles and mineral particles. Preferred Features: The dopant particles consist of nickel oxide and the mineral particles consist of alumina and yttrium oxide.

IPC 1-7

H05B 3/14; **H05B 3/64**

IPC 8 full level

F27D 11/02 (2006.01); **H05B 3/14** (2006.01); **H05B 3/64** (2006.01)

CPC (source: EP US)

H05B 3/141 (2013.01 - EP US); **H05B 3/148** (2013.01 - EP US); **H05B 3/64** (2013.01 - EP US)

Cited by

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