

Title (en)
Electrically conductive heating element.

Title (de)
Elektrisch leitendes Heizelement.

Title (fr)
Élément de chauffage à conduction électrique.

Publication
EP 0469628 A1 19920205 (EN)

Application
EP 91113044 A 19910802

Priority
JP 20511190 A 19900803

Abstract (en)
Electrical conductivity excellent for an electrically-conductive heating element can be provided by uniformly dispersing, in a matrix made of a ceramic or the like, foliated fine graphite particles having a particle size of 1-100 μm , a thickness not greater than 1 μm and an aspect ratio of 10-5,000. The heating element is suitable for use as a ceramic heater. <IMAGE>

IPC 1-7
H05B 3/12

IPC 8 full level
H05B 3/14 (2006.01)

CPC (source: EP)
H05B 3/141 (2013.01)

Citation (search report)
[A] DE 2000987 A1 19710715 - SIEMENS ELEKTROGERAETE GMBH

Cited by
EP1818639A4

Designated contracting state (EPC)
CH DE FR GB LI NL

DOCDB simple family (publication)
EP 0469628 A1 19920205; CA 2048418 A1 19920204; TW 223729 B 19940511

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EP 91113044 A 19910802; CA 2048418 A 19910802; TW 80105796 A 19910725