

Title (en)

Radiating heating elements with heating elements comprising graphit sheets or laminated graphit sheets

Title (de)

Strahlungsheizungen mit heizelementen aus Graphitfolien oder Graphitlaminatfolien

Title (fr)

Éléments chauffants émettant des radiations comprenant des feuilles de graphite ou des structures en feuilles laminées de graphite

Publication

**EP 1599071 A3 20081015 (DE)**

Application

**EP 05010734 A 20050518**

Priority

DE 102004025033 A 20040518

Abstract (en)

[origin: EP1599071A2] The radiant heating elements have a radiation body from marble, Granite, limestone or other natural stones, metal, ceramic(s), glass or their combinations with heating elements. The elements are made from graphite foils or graphite laminate plates. The materials and their combinations with heating elements for heating can be heated up to 400 degrees Celsius C at a short notice. The graphite foil has a strength 0.15 mm up to 0.5 mm or a graphite laminate plate of the strength 0.5 mm up to 2 mm exists. An independent claim is included for the production, and use of radiation heaters.

IPC 8 full level

**H05B 3/14** (2006.01)

CPC (source: EP)

**H05B 3/145** (2013.01); **H05B 2203/003** (2013.01)

Citation (search report)

- [X] JP 2003272807 A 20030926 - TAISEI LAMINATOR CO LTD
- [X] DE 7108146 U 19710603
- [A] DE 3932101 A1 19910404 - RUPP JOHANN [DE]
- [A] DE 20014518 U1 20001130 - SCHLEICHER FRANZ [DE]
- [A] DE 3706759 A1 19880915 - SEYFERT DIRK [DE]

Cited by

ES2703973A1; CN114756914A; ITTV20090005A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1599071 A2 20051123; EP 1599071 A3 20081015**; DE 102004025033 A1 20051215; DE 102004025033 B4 20060511

DOCDB simple family (application)

**EP 05010734 A 20050518**; DE 102004025033 A 20040518