

Title (en)
IMPROVEMENTS MADE TO THE STRUCTURE OF A GRAPHITE RESISTANCE FURNACE

Title (de)
STRUKTURELLE VERBESSERUNGEN EINES ELEKTROOFENS MIT GRAPHITWIDERSTÄNDEN.

Title (fr)
PERFECTIONNEMENTS A LA STRUCTURE D'UN FOUR A RESISTANCE GRAPHITE

Publication
EP 1400150 A1 20040324 (FR)

Application
EP 02745542 A 20020619

Priority
• FR 0202113 W 20020619
• FR 0108173 A 20010621

Abstract (en)
[origin: FR2826541A1] The invention relates to a high-temperature heating device (1) comprising at least one heating element (2) and electrical leads (20, 21) which are used to power the heating element(s) (2). The invention is characterised in that the device can operate in any position and in that the heating elements comprise at least one thin graphite band (2) the ends of which are connected to the electrical leads by means of conductive refractory connection elements (3) made from molybdenum.

IPC 1-7
H05B 3/64

IPC 8 full level
C04B 35/52 (2006.01); **F27D 11/02** (2006.01); **H05B 3/02** (2006.01); **H05B 3/08** (2006.01); **H05B 3/12** (2006.01); **H05B 3/14** (2006.01); **H05B 3/64** (2006.01); **H05B 3/66** (2006.01)

CPC (source: EP US)
A61K 33/02 (2013.01 - EP US); **H05B 3/64** (2013.01 - EP US); **H05B 3/66** (2013.01 - EP US); **A61K 31/075** (2013.01 - EP US); **A61K 31/08** (2013.01 - EP US); **A61K 31/095** (2013.01 - EP US)

Citation (search report)
See references of WO 03005771A1

DOCDB simple family (publication)
FR 2826541 A1 20021227; **FR 2826541 B1 20040109**; CA 2451297 A1 20030116; EP 1400150 A1 20040324; JP 2004534370 A 20041111; US 2004238526 A1 20041202; WO 03005771 A1 20030116

DOCDB simple family (application)
FR 0108173 A 20010621; CA 2451297 A 20020619; EP 02745542 A 20020619; FR 0202113 W 20020619; JP 2003511590 A 20020619; US 48209004 A 20040713