

Title (en)

ELECTRICAL HEATING DEVICE WITH A METAL SURROUND

Publication

EP 0251891 B1 19910410 (FR)

Application

EP 87401436 A 19870623

Priority

FR 8609274 A 19860626

Abstract (en)

[origin: US4862137A] A resistance heating device having a longitudinal axis and a substantially cylindrical graphite heating element with a connecting part for connection to an electric power source. The device has a sheath surrounding the graphite heating element, radially spaced therefrom and defining a gas tight chamber about the graphite heating element, the sheath being made from a refractory alloy sheet having angularly distributed longitudinal corrugations and an internal surface arranged to directly receive over its whole area radiation emitted by the graphite heating element when energized.

IPC 1-7

H05B 3/42; **H05B 3/50**; **H05B 3/64**

IPC 8 full level

H05B 3/42 (2006.01); **H05B 3/50** (2006.01); **H05B 3/64** (2006.01)

CPC (source: EP US)

H05B 3/42 (2013.01 - EP US); **H05B 3/50** (2013.01 - EP US); **H05B 3/64** (2013.01 - EP US)

Cited by

EP0636838A3; FR2622381A1; FR2745147A1; EP2747513A3; WO8904108A1; EP0547048B1

Designated contracting state (EPC)

BE CH DE ES GB IT LI SE

DOCDB simple family (publication)

EP 0251891 A1 19880107; **EP 0251891 B1 19910410**; CA 1295636 C 19920211; DE 3769214 D1 19910516; FR 2600855 A1 19871231; FR 2600855 B1 19880805; US 4862137 A 19890829

DOCDB simple family (application)

EP 87401436 A 19870623; CA 540752 A 19870626; DE 3769214 T 19870623; FR 8609274 A 19860626; US 6644387 A 19870626