

Title (en)

Electrically controlled infra-red radiating device

Title (de)

Elektrisch betreibbarer, flächiger Infrarotstrahler

Title (fr)

Dispositif de rayonnements infra-rouges commandé électriquement

Publication

EP 1274281 A3 20050406 (DE)

Application

EP 02013857 A 20020622

Priority

DE 10132414 A 20010704

Abstract (en)

[origin: EP1274281A2] A main body (2) has a heating spiral (5) on its side (4) turned towards material to be irradiated. A groove (6) can be used to fasten the heating spiral to the main body. The breadth and depth of the groove matches the diameter of the heating spiral so that the heating spiral can be flush to the surface in the groove. The heating spiral is held at the base of the groove by a ceramic adhesive (7).

IPC 1-7

H05B 3/26; H05B 3/00; F24C 7/04

IPC 8 full level

H05B 3/00 (2006.01); **H05B 3/26** (2006.01)

CPC (source: EP)

H05B 3/265 (2013.01); **H05B 2203/032** (2013.01)

Citation (search report)

- [XY] DE 19841674 A1 20000323 - STEINMETZ MANFRIED [DE]
- [DY] US 4207672 A 19800617 - WOHLERT CHESTER G [US]
- [A] DE 19812188 C1 19990902 - STEINMETZ [DE]
- [A] DE 2853015 A1 19800619 - EISENSCHINK ALFRED

Cited by

ITMI20081904A1; FR2891136A1; US10912306B2; US10203108B2; WO2017137018A1; WO2010049786A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1274281 A2 20030108; **EP 1274281 A3 20050406**; DE 10132414 A1 20030130; DE 10132414 B4 20051222

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