

Title (en)

IMPROVED SUPPORTS OF HEATING BODIES INTENDED TO ANNEALING FURNACES.

Title (de)

STÜTZEN FÜR HEIZKÖRPER ZUM VERWENDEN BEI GLÜHÖFEN.

Title (fr)

SUPPORTS AMELIORES DE CORPS DE CHAUFFE DESTINES AUX FOURS DE RECUIT.

Publication

EP 0105302 A1 19840418 (FR)

Application

EP 83901180 A 19830325

Priority

LU 84040 A 19820326

Abstract (en)

[origin: WO8303428A1] The support allows thermal expansions of the heating body (1) without affecting the heating capacity nor the good operation of the furnace, by connecting the tube pins (2, 3) of the heating bodies (1) by a rod (17) and suspending an assembly on a bearing device (18) sliding on a support arm (19) rigidly fixed to the furnace wall.

Abstract (fr)

Le support permet les dilatations thermiques du corps de chauffe (1) sans influencer défavorablement la capacité de chauffe ni le bon fonctionnement du four en reliant les épingles en tube (2, 3) des corps de chauffe (1) par une bielle (17) et en suspendant un ensemble sur un appui (18) coulissant sur un bras support (19) fixé rigidement à la paroi du four.

IPC 1-7

C21D 9/00; **F23C 3/00**; **F23D 23/00**; **F28F 9/00**

IPC 8 full level

C21D 1/00 (2006.01); **C21D 1/34** (2006.01); **C21D 9/00** (2006.01); **F23C 3/00** (2006.01); **F27D 1/00** (2006.01)

CPC (source: EP US)

C21D 9/0006 (2013.01 - EP US); **F23C 3/002** (2013.01 - EP US); **F27D 1/0036** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB LI NL SE

DOCDB simple family (publication)

WO 8303428 A1 19831013; DD 207977 A5 19840321; DE 3364852 D1 19860904; EP 0105302 A1 19840418; EP 0105302 B1 19860730; JP S59501270 A 19840719; LU 84040 A1 19831117; US 4520789 A 19850604

DOCDB simple family (application)

BE 8300008 W 19830325; DD 24926283 A 19830328; DE 3364852 T 19830325; EP 83901180 A 19830325; JP 50127583 A 19830325; LU 84040 A 19820326; US 56098483 A 19831123