

Title (en)

Industrial furnace for the thermic treatment of a load in a treatment chamber

Title (de)

Industrieofen zur Wärmebehandlung von Einsatzgut in einem Wärmebehandlungsraum

Title (fr)

Four industriel pour le traitement thermique d'une charge dans une enceinte de chauffage

Publication

**EP 0652412 B1 19980325 (DE)**

Application

**EP 94116783 A 19941025**

Priority

DE 4337533 A 19931105

Abstract (en)

[origin: EP0652412A1] The load (3) is arranged to form a charge (4) in a thermic treatment space (2). Laterally adjacent to the thermic treatment space (2), essentially opposite one another, are an inflow duct (7) and an outflow duct (9). Arranged one behind the other in the direction of flow in the thermic treatment space, in front of the charge (4) in the direction of flow, are at least two rectifying plates (11) with passage openings (12). With the invention, it is intended to produce an industrial furnace, in which uniform temperature distribution inside the charge (4) is achieved in a constructionally simple manner. <IMAGE>

IPC 1-7

**F27B 17/00**; **C21D 1/767**; **F27D 7/04**

IPC 8 full level

**C21D 1/767** (2006.01); **F27B 17/00** (2006.01); **F27D 7/04** (2006.01)

CPC (source: EP)

**C21D 1/767** (2013.01); **F27B 17/0083** (2013.01); **F27D 7/04** (2013.01)

Designated contracting state (EPC)

AT DE FR IT SE

DOCDB simple family (publication)

**EP 0652412 A1 19950510**; **EP 0652412 B1 19980325**; AT E164444 T1 19980415; DE 4337533 A1 19950511; DE 59405517 D1 19980430

DOCDB simple family (application)

**EP 94116783 A 19941025**; AT 94116783 T 19941025; DE 4337533 A 19931105; DE 59405517 T 19941025