

Title (en)  
ROTARY HEARTH FURNACE

Publication  
**EP 0088995 B1 19860730 (DE)**

Application  
**EP 83102289 A 19830309**

Priority  
DE 3209245 A 19820313

Abstract (en)  
[origin: EP0088995A1] 1. A rotary hearth furnace with a cylindrical or an angular furnace chamber and a rotary furnace floor divided into furnace sections and fitted with inlet and exit doors, the width of each such door corresponding with the width of each such furnace section characterized in that said furnace is provided with more than one exit door (A1, A2, A3) and that each such exit door is connected with a downstream treatment facility (13, 17, 18, 20) and in that a vestibule (S2, S3, S4) may be provided between each such exit door and each such downstream treatment facility.

IPC 1-7  
**F27B 9/16**; **F27B 9/02**; **F27B 9/04**

IPC 8 full level  
**C21D 9/00** (2006.01); **F27B 9/02** (2006.01); **F27B 9/04** (2006.01); **F27B 9/16** (2006.01)

CPC (source: EP)  
**C21D 9/0037** (2013.01); **F27B 9/02** (2013.01); **F27B 9/045** (2013.01); **F27B 9/16** (2013.01)

Cited by  
CN1133060C; EP0359756A4; EP2717008A3; EP0735149A1; US5722825A; WO03081156A1

Designated contracting state (EPC)  
AT CH FR GB IT LI

DOCDB simple family (publication)  
**EP 0088995 A1 19830921**; **EP 0088995 B1 19860730**; AT E21167 T1 19860815; DE 3209245 A1 19830915; DE 3209245 C2 19880128

DOCDB simple family (application)  
**EP 83102289 A 19830309**; AT 83102289 T 19830309; DE 3209245 A 19820313