

Title (en)
Rotary drum furnace

Title (de)
Drehofen

Title (fr)
Four rotatif

Publication
EP 1079191 B1 20041208 (DE)

Application
EP 00890233 A 20000728

Priority
AT 145799 A 19990825

Abstract (en)
[origin: EP1079191A1] The oven has a rotating drum (3), which has end plates on its input and output ends to close input and output ends. A heating chamber (15) directs heating medium over the drum surface from outside. The drum has U-shaped profiles (18) next to each other along between the end plates, which have their open profile side facing inwards. The end areas (19) of the U-shaped profiles contact in the lower longitudinal direction and are axially spaced in the axial direction. The remaining air spaces (21) are connected between the profile bars (22) by reinforcement parts (23).

IPC 1-7
F27B 7/08; **F27B 7/16**

IPC 8 full level
F27B 7/08 (2006.01); **F27B 7/16** (2006.01)

CPC (source: EP US)
F27B 7/08 (2013.01 - EP US); **F27B 7/161** (2013.01 - EP US)

Cited by
EP1445566A1; EP2000761A1; US8480950B2; WO2009003674A3; WO2008147188A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1079191 A1 20010228; **EP 1079191 B1 20041208**; AT 407671 B 20010525; AT A145799 A 20000915; AT E284525 T1 20041215; DE 50008891 D1 20050113; PL 192415 B1 20061031; PL 342160 A1 20010226; US 6244859 B1 20010612; WO 0114810 A1 20010301

DOCDB simple family (application)
EP 00890233 A 20000728; AT 0000229 W 20000825; AT 00890233 T 20000728; AT 145799 A 19990825; DE 50008891 T 20000728; PL 34216000 A 20000824; US 63241600 A 20000804