

Title (en)
Furnace

Title (de)
Ofen

Title (fr)
Four

Publication
EP 2012059 A1 20090107 (EN)

Application
EP 08010134 A 20080604

Priority
TW 96210756 U 20070702

Abstract (en)
A furnace (2) includes: a furnace housing (21); a perforated tray (22) mounted in the furnace housing (21); and a stirring rod (4) disposed rotatably on the perforated tray (22). The stirring rod (4) has top and bottom ends (40, 41), two opposite lateral ends (42), a middle portion (43), and opposite first and second portions (46, 47), each of which extends from the middle portion (43) to a respective one of the lateral ends (42). Each of the first and second portions (46, 47) has an inclined face (45) that extends between the top and bottom ends (40, 41) of the stirring rod (4) from the respective one of the lateral ends (42) toward the middle portion (43) of the stirring rod (4), that is inclined relative to the perforated tray (22), and that faces toward the perforated tray (22).

IPC 8 full level
F23G 5/28 (2006.01); **C10J 3/34** (2006.01); **F27B 17/00** (2006.01)

CPC (source: EP KR)
C10J 3/30 (2013.01 - EP); **C10J 3/32** (2013.01 - EP); **C10J 3/34** (2013.01 - EP); **C10J 3/38** (2013.01 - EP); **C10J 3/42** (2013.01 - EP); **F23G 5/28** (2013.01 - EP); **F23H 1/02** (2013.01 - KR); **F23H 15/00** (2013.01 - EP KR); **F27B 17/00** (2013.01 - EP); **F27D 3/00** (2013.01 - EP)

Citation (applicant)
• TW 96210756 A
• US 4947769 A 19900814 - WHITFIELD OLIVER J [US]

Citation (search report)
[A] US 4947769 A 19900814 - WHITFIELD OLIVER J [US]

Cited by
CN113528187A; EP2639288A4; CN104329924A; EP2589870A1; CN105953233A; FR2947328A1; CN105972621A; IT201900011208A1; WO2017077243A1; WO2016210317A3; US9315746B2; US10195582B2; US10550328B2; WO2021004658A1

Designated contracting state (EPC)
BG ES IT TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2012059 A1 20090107; **EP 2012059 B1 20100922**; ES 2350508 T3 20110124; KR 101031461 B1 20110426; KR 20090004621 A 20090112; TW M323601 U 20071211

DOCDB simple family (application)
EP 08010134 A 20080604; ES 08010134 T 20080604; KR 20080062680 A 20080630; TW 96210756 U 20070702