

Title (en)

METHOD AND DEVICE FOR OPERATING A SHAFT FURNACE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINES SCHACHTOFENS

Title (fr)

PROCÉDÉ ET DISPOSITIF DESTINÉS AU FONCTIONNEMENT D'UN FOURNEAU À CUVE

Publication

EP 2407742 B1 20161109 (DE)

Application

EP 10169326 A 20100713

Priority

EP 10169326 A 20100713

Abstract (en)

[origin: EP2407742A1] Operating a shaft furnace (20), comprises supplying external energy to the shaft furnace by an extrinsic combustion of at least one solid fuel burner (10). An independent claim is also included for a device for operating a shaft furnace, in which the external energy is supplied to the shaft furnace by the extrinsic combustion, comprising at least one solid fuel burner located at shaft furnace circumference.

IPC 8 full level

C21B 5/00 (2006.01); **F23D 17/00** (2006.01); **F27B 1/16** (2006.01)

CPC (source: EP)

C21B 5/003 (2013.01); **C21B 7/163** (2013.01); **C21B 13/023** (2013.01); **F23D 1/00** (2013.01); **F23D 17/005** (2013.01); **F23K 3/02** (2013.01); **F27B 1/16** (2013.01)

Cited by

EP3183369B1; CN112683047A; CN113265497A; CN114739160A; WO2015036241A1; US10472689B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2407742 A1 20120118; EP 2407742 B1 20161109

DOCDB simple family (application)

EP 10169326 A 20100713