

Title (en)

Burner with tangential spiral intake elbow

Title (de)

Brenner mit Tangential-Spiral-Eintrittskrümmen

Title (fr)

Brûleur doté d'un coude d'admission tangentiel à spirale

Publication

**EP 2369230 B1 20150812 (DE)**

Application

**EP 11153325 A 20110204**

Priority

- DE 102010012376 A 20100322
- DE 102010030904 A 20100702

Abstract (en)

[origin: EP2369230A2] The burner (1) comprises a core tube (2), and a fuel tube (4), which is concentrically arranged around an annular fuel conveying cross-section (5). The fuel tube comprises a tangential spiral inlet manifold (6) in a fuel inlet side. A feed channel is provided, which extends spirally around the core tube. An independent claim is also included for a method for combustion of particulate fuel in a burner.

IPC 8 full level

**F23D 1/00** (2006.01); **F23C 7/00** (2006.01)

CPC (source: EP)

**F23C 7/006** (2013.01); **F23D 1/00** (2013.01); **F23D 2201/10** (2013.01); **F23D 2201/20** (2013.01)

Cited by

CN103759258A

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2369230 A2 20110928; EP 2369230 A3 20130306; EP 2369230 B1 20150812**; DK 2369230 T3 20151116; ES 2550318 T3 20151106; HR P20151195 T1 20151204; PL 2369230 T3 20160129; RS 54419 B1 20160428; SI 2369230 T1 20151231; ZA 201102067 B 20111130

DOCDB simple family (application)

**EP 11153325 A 20110204**; DK 11153325 T 20110204; ES 11153325 T 20110204; HR P20151195 T 20151109; PL 11153325 T 20110204; RS P20150737 A 20110204; SI 201130658 T 20110204; ZA 201102067 A 20110318