

Title (en)

BOILER BURNER FOR SOLID FUELS OF THE BIOMASS OR TYRE TYPE AND BOILER COMPRISING SUCH BURNER

Title (de)

KESSELBRENNER FÜR FESTBRENNSTOFFE DER BIOMASSEN- ODER REIFENART UND SOLCH EINEN BRENNER UMFASSENDE KESSEL

Title (fr)

BRÛLEUR POUR CHAUDIÈRE À COMBUSTIBLES SOLIDES DU TYPE BIOMASSE, PNEU AINSI QU'UNE CHAUDIÈRE COMPORTANT UN TEL BRÛLEUR

Publication

**EP 2084454 A2 20090805 (FR)**

Application

**EP 07866460 A 20071029**

Priority

- FR 2007001789 W 20071029
- FR 0609469 A 20061027

Abstract (en)

[origin: FR2907881A1] The burner has a primary air intake unit (13) in a cylinder (1) or a heating element. The unit is positioned in a lower part of the burner below a base wall (3) such as grille, provided with perforations. The wall is arranged for receiving the solid fuel. A depression generating unit generates the depression within the burner to create circulation of primary air from the bottom of the wall and solid fuel till a gas output tube (4) in an upper part of the burner. The generating unit is constituted of a compressed air distribution unit (2) positioned in an elevated part of the burner.

IPC 8 full level

**F23B 50/00** (2006.01)

CPC (source: EP US)

**F23B 1/28** (2013.01 - EP US); **F23B 1/38** (2013.01 - EP US); **F23B 30/00** (2013.01 - EP US); **F23B 50/10** (2013.01 - EP US); **F23B 60/02** (2013.01 - EP US); **F23G 5/245** (2013.01 - EP US); **F23G 7/10** (2013.01 - EP US); **F23L 17/00** (2013.01 - EP US); **F23G 2203/401** (2013.01 - EP US); **F23G 2209/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2008059131A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2907881 A1 20080502; FR 2907881 B1 20171103**; CA 2681615 A1 20080522; EP 2084454 A2 20090805; EP 2084454 B1 20160309; US 2010132596 A1 20100603; WO 2008059131 A2 20080522; WO 2008059131 A3 20080703

DOCDB simple family (application)

**FR 0609469 A 20061027**; CA 2681615 A 20071029; EP 07866460 A 20071029; FR 2007001789 W 20071029; US 44700307 A 20071029