

Title (en)

DEVICE FOR SUPPLYING A PLURALITY OF BURNERS WITH FINE-GRAINED FUEL

Title (de)

VORRICHTUNG ZUR VERSORGUNG MEHRERER BRENNER MIT FEINKÖRNIGEM BRENNSTOFF

Title (fr)

DISPOSITIF D'ALIMENTATION DE PLUSIEURS BRÛLEURS EN COMBUSTIBLE FINEMENT DIVISÉ

Publication

EP 2563882 A1 20130306 (DE)

Application

EP 11715442 A 20110415

Priority

- DE 102010018108 A 20100424
- EP 2011001928 W 20110415

Abstract (en)

[origin: CA2796508A1] The invention relates to a device for supplying a plurality of burners with fine-grained fuel from a storage container, with thermal conversion of solid fuels in a gasification reactor, wherein the storage container is fitted with a discharge cone. According to the invention, the required surplus gas amounts can be reduced and separate discharge cones for each burner line can be dispensed with, without eliminating the decoupling of the burner lines. This is achieved in that the discharge cone (1) is equipped at least in some areas with a gas-permeable wall region (6, 6') and with at least two solids discharge lines (15) leading to the burners.

IPC 8 full level

C10J 3/50 (2006.01); **B01J 3/02** (2006.01); **B01J 8/00** (2006.01); **B65D 88/28** (2006.01)

CPC (source: EP KR US)

B01J 3/02 (2013.01 - KR); **B01J 8/00** (2013.01 - KR); **B65D 88/28** (2013.01 - KR); **B65D 88/68** (2013.01 - EP US); **B65D 88/72** (2013.01 - EP US); **C10J 3/50** (2013.01 - EP KR US); **F23G 5/12** (2013.01 - KR); **B65D 88/745** (2013.01 - EP US); **C10J 2200/15** (2013.01 - EP US)

Citation (search report)

See references of WO 2011131323A1

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

DOCDB simple family (publication)

DE 102010018108 A1 20111027; AU 2011244675 A1 20121108; AU 2011244675 B2 20140717; BR 112012027247 A2 20190924; CA 2796508 A1 20111027; CN 102858924 A 20130102; CN 102858924 B 20150311; EP 2563882 A1 20130306; KR 20130069579 A 20130626; RU 2012149795 A 20140610; RU 2573031 C2 20160120; TW 201201911 A 20120116; UA 107014 C2 20141110; US 2013036954 A1 20130214; WO 2011131323 A1 20111027; ZA 201208749 B 20130925

DOCDB simple family (application)

DE 102010018108 A 20100424; AU 2011244675 A 20110415; BR 112012027247 A 20110415; CA 2796508 A 20110415; CN 201180020637 A 20110415; EP 11715442 A 20110415; EP 2011001928 W 20110415; KR 20127027377 A 20110415; RU 2012149795 A 20110415; TW 100114017 A 20110422; UA A201213181 A 20110415; US 201113642884 A 20110415; ZA 201208749 A 20121121