

Title (en)

Process and apparatus for gasification of solid substances

Title (de)

Verfahren und Vorrichtung zum Vergasen von Feststoffen

Title (fr)

Procédé et dispositif pour la gazéification de substances solides

Publication

**EP 0703408 B1 19981209 (DE)**

Application

**EP 95114986 A 19950922**

Priority

- DE 4434227 A 19940926
- DE 4435906 A 19941007

Abstract (en)

[origin: EP0703408A2] The solid material is dried in a gasification heating boiler in a drying zone and above a grate in a gasification zone is gasified with input of air under stoichiometric conditions. The burner chamber (8) is enclosed within a gas collection chamber (5) and a gas burner (19) with a gas-air mixt. chamber and a gas feed tube is provided in the inlet area of the burner chamber. The gas burner is combined with an ignition or support burner. The burner chamber crosses through the gas collection chamber as a tube and is arranged above the ash chamber. Alternatively, it can be arranged beneath the ash chamber.

IPC 1-7

**F23B 1/14**

IPC 8 full level

**F23M 9/06** (2006.01)

CPC (source: EP)

**F23B 90/06** (2013.01); **F23M 9/06** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB LI NL SE

DOCDB simple family (publication)

**EP 0703408 A2 19960327; EP 0703408 A3 19970115; EP 0703408 B1 19981209; AT E174417 T1 19981215**

DOCDB simple family (application)

**EP 95114986 A 19950922; AT 95114986 T 19950922**