

Title (en)
Burner for brown coal

Title (de)
Braunkohlenbrenner

Title (fr)
Brûleur pour lignite

Publication
EP 0670454 B1 19990310 (DE)

Application
EP 94120182 A 19941220

Priority
DE 4407198 A 19940304

Abstract (en)
[origin: EP0670454A1] the burner mouth is mounted in a firebox wall, it being connected by pipe (7) to a mill. The burner (3) is of circular cross-section and enclosed by an annular air passage (13). The body (9) and inducer (8) are in its inlet end, while the ring (10) in its mouth has inwards-extending segments (11.1,11.2) spaced apart in the lateral direction. The segments can be of different lengths in the lengthwise and peripheral directions of the ring, and alternating in the peripheral direction. The burner mouth can contain a section of tube (12) clear in the radial direction of the inner ring edge, and being supported by the segments.

IPC 1-7
F23D 1/00

IPC 8 full level
F23D 1/04 (2006.01); **F23D 1/00** (2006.01)

CPC (source: EP)
F23D 1/00 (2013.01); **F23D 2201/20** (2013.01); **F23D 2209/20** (2013.01); **F23D 2900/01001** (2013.01)

Cited by
DE102017101670A1; DE102005032109B4; CN101956973A; EP2187123A3; AU2009236029B2; EP3228935A1; WO2017212255A1; US8991323B2; WO2018138323A1

Designated contracting state (EPC)
DE GR IE

DOCDB simple family (publication)
EP 0670454 A1 19950906; EP 0670454 B1 19990310; CZ 284925 B6 19990414; CZ 302794 A3 19951115; DE 4407198 A1 19950907; DE 59407926 D1 19990415; GR 3029937 T3 19990730; SI 0670454 T1 19990630; SK 150794 A3 19951011; SK 281846 B6 20010806

DOCDB simple family (application)
EP 94120182 A 19941220; CZ 302794 A 19941202; DE 4407198 A 19940304; DE 59407926 T 19941220; GR 990401026 T 19990413; SI 9430232 T 19941220; SK 150794 A 19941206