

Title (en)

Burner head and method of combusting fuel

Title (de)

Brennkopf und Verfahren zur Verbrennung von Brennstoff

Title (fr)

Tête de brûleur et procédé pour brûler du combustible

Publication

EP 1754937 B1 20170809 (DE)

Application

EP 06013517 A 20060629

Priority

DE 102005038662 A 20050816

Abstract (en)

[origin: EP1754937A2] The burner head comprises a burner pipe (18) with guide plates (34) which point inwards mounted at the downstream end. A fuel injector (26) is mounted between these and has a second set of plates (24) which point outwards mounted around it. An independent claim is included for a method for burning fuel using the burner head.

IPC 8 full level

F23D 17/00 (2006.01); **F23C 7/00** (2006.01); **F23C 9/00** (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP US)

F23C 7/002 (2013.01 - EP US); **F23C 9/006** (2013.01 - EP US); **F23D 14/70** (2013.01 - EP US); **F23D 17/002** (2013.01 - EP US)

Citation (examination)

DE 19542373 A1 19960515 - RBL SPA [IT]

Cited by

EP3940293A1; DE102020118325A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DE 102005038662 B4 20070823; DE 202005021253 U1 20070726; US 2007042308 A1 20070222; US 7891971 B2 20110222

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