

Title (en)

Burner for the combustion of pulverized coal.

Title (de)

Rundbrenner zum Verbrennen von Kohlenstaub.

Title (fr)

Brûleur pour la combustion de charbon pulvérisé.

Publication

EP 0681142 A3 19960529 (DE)

Application

EP 95103107 A 19950304

Priority

DE 4415723 A 19940505

Abstract (en)

[origin: EP0681142A2] The burner has a transition, between a feeder pipe and a concentric pipe, which contains a flow guide plate (S) running across the plane formed by the centre axis (X) of the annular burner and the centre axis (Y) of the feeder pipe. The flow guide plate divides the feeder pipe into two ducts and partly closes the annular duct between the core pipe (A) and the concentric pipe, enclosing it and/or the annular duct between an inner concentric pipe and a concentric pipe enclosing it. <IMAGE>

IPC 1-7

F23D 1/00

IPC 8 full level

F23D 1/00 (2006.01)

CPC (source: EP)

F23D 1/00 (2013.01)

Citation (search report)

- [XY] CH 136320 A 19291115 - HUFSCHMIDT KARL [DE]
- [Y] DE 3530683 A1 19870312 - PILLARD FEUERUNGEN GMBH [DE], et al
- [A] DE 3125901 A1 19830120 - BABCOCK AG [DE]

Cited by

CN114478000A

Designated contracting state (EPC)

BE CH DE DK ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0681142 A2 19951108; EP 0681142 A3 19960529; DE 4415723 A1 19951109

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