

Title (en)

IGNITION AND SUPPORT BURNER FOR SOLID FOSSIL PULVERIZED FUEL, AND COMBUSTION CHAMBER COMPRISING SUCH A BURNER

Publication

EP 0171788 B1 19890125 (FR)

Application

EP 85110126 A 19850813

Priority

FR 8412855 A 19840816

Abstract (en)

[origin: ES8700413A1] An ignition and combustion supporting burner for pulverized solid fossil fuel comprises an axial conduit for feeding the pulverized fuel in a primary combustion supporting gas. The shape of a refractory tap-hole enables the initial part of the flame to be confined. A conduit for feeding tertiary combustion supporting gas is concentric with the tap-hole and partially or totally surrounds it. The burner also incorporates a flame detector device and an igniter in the refractory tap-hole or in the axial conduit. The axial conduit is provided with translation means providing for adjustment of the length of a chamber for preliminary mixing of the fuel and part of the combustion supporting gas comprised between the end of this conduit and the inlet of the tap-hole.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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EP 0171788 A1 19860219; **EP 0171788 B1 19890125**; AT E40457 T1 19890215; AU 4622385 A 19860220; AU 587392 B2 19890817; BR 8503889 A 19860527; CA 1268996 A 19900515; DE 3567956 D1 19890302; ES 546120 A0 19861016; ES 8700413 A1 19861016; FR 2569256 A1 19860221; FR 2569256 B1 19890407; GR 851990 B 19851217; IN 164006 B 19881224; JP H0240923 B2 19900913; JP S6159109 A 19860326; KR 860001981 A 19860324; KR 940006903 B1 19940729; US 4690075 A 19870901; ZA 856236 B 19860430

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