

Title (en)

Method of firing a flame-tube boiler and pulverized fuel fired flame-tube boiler

Title (de)

Verfahren zum Befeuern eines Flammrohrkessels mit einem staubförmigen Brennstoff sowie staubgefeuerter Flammrohrkessel

Title (fr)

Méthode de mise à feu d'une chaudière à tube-foyer et chaudière à tube-foyer à combustible pulvérulent

Publication

EP 1447622 A3 20040915 (DE)

Application

EP 04000885 A 20040116

Priority

DE 10301857 A 20030117

Abstract (en)

[origin: EP1447622A2] To fire a high power flue boiler, with a coal fuel dust, a high proportion of the fuel is burned in a pre-combustion chamber (1) with a supply of combustion air (L), and the emerging gas flame (6) is accelerated by at least 80% by a jet (2) to be blown into the boiler flue (7) . The gas flame is blown into the boiler flue coaxially, or at an angle of 8-14[deg] against the flue axis selected to ensure that the upper mantle line of the flame is parallel to the flue mantle line.

IPC 1-7

F23D 1/00

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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