

Title (en)
METHOD OPERATING A COAL BURNER

Publication
EP 0155120 A3 19870225 (EN)

Application
EP 85301347 A 19850227

Priority
EP 84301707 A 19840313

Abstract (en)
[origin: EP0155120A2] A method of operating a coal burner in which particulate coal is fed to the burner main nozzle (21) in which pulverized coal is fed to the main burner (21) and a mixture of ultrafine pulverized coal and a gaseous medium are additionally fed to the burner at a sufficient temperature significantly to increase the reactivity of the ultrafine pulverized coal at least during the light up of the burner. The coal may be pulverized in a pulverizer vessel (12) by interparticle collision in at least one stream of gaseous medium to produce the ultrafine pulverized coal and a flow of the mixture of the ultrafine pulverized coal and the gaseous medium is fed directly from the pulverizer vessel to the burner.

IPC 1-7
F23D 1/02; **F23K 1/00**; **F23K 3/02**

IPC 8 full level
F23D 1/00 (2006.01); **F23D 1/02** (2006.01); **F23K 1/00** (2006.01); **F23K 3/02** (2006.01)

CPC (source: EP KR)
F23C 1/10 (2013.01 - KR); **F23D 1/02** (2013.01 - EP); **F23K 1/00** (2013.01 - EP); **F23K 3/02** (2013.01 - EP)

Citation (search report)

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