

Title (en)  
BURNER FOR THE PARTIAL COMBUSTION OF FINELY DIVIDED SOLID FUEL

Publication  
**EP 0108425 B1 19870506 (EN)**

Application  
**EP 83201026 A 19830711**

Priority  
GB 8224139 A 19820823

Abstract (en)  
[origin: EP0108425A1] Process and burner for the partial combustion of a finely divided solid fuel with oxygen. A core of finely divided solid fuel, surrounded by oxygen or oxygen-containing gas and an annulus of finely divided solid fuel around the oxygen or oxygen-containing gas are introduced into a reactor space via a burner. The solid fuel is centrally (10) introduced into the burner, whereas oxygen or oxygen-containing gas is separately introduced into the burner outside (14) the central solid fuel channel (10). In the burner the oxygen or oxygen-containing gas is caused to flow inwardly (16) into the central channel (10) for supplying the oxygen or oxygen-containing gas into the reactor space between the core and the annulus of solid fuel.

IPC 1-7  
**F23D 1/00**; **F23B 7/00**

IPC 8 full level  
**C10J 3/46** (2006.01); **C10J 3/48** (2006.01); **F23D 1/00** (2006.01); **F23D 1/02** (2006.01)

CPC (source: EP)  
**C10J 3/506** (2013.01); **C10J 3/74** (2013.01); **C10J 2200/152** (2013.01); **C10J 2300/092** (2013.01); **C10J 2300/093** (2013.01); **C10J 2300/0943** (2013.01); **C10J 2300/0946** (2013.01); **C10J 2300/0956** (2013.01); **C10J 2300/0959** (2013.01)

Cited by  
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Designated contracting state (EPC)  
BE DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0108425 A1 19840516**; **EP 0108425 B1 19870506**; AU 1819683 A 19840301; AU 562821 B2 19870618; CA 1221839 A 19870519; DE 3371405 D1 19870611; JP H04163 B2 19920106; JP S5956606 A 19840402; ZA 836171 B 19840425

DOCDB simple family (application)  
**EP 83201026 A 19830711**; AU 1819683 A 19830822; CA 432541 A 19830715; DE 3371405 T 19830711; JP 15174483 A 19830822; ZA 836171 A 19830822