

Title (en)
PROCESS AND BURNER FOR THE GASIFICATION OF SOLID FUEL

Publication
EP 0129921 B1 19900131 (EN)

Application
EP 84200702 A 19840515

Priority
GB 8317251 A 19830624

Abstract (en)
[origin: EP0129921A2] Process and burner for the gasification of a finely divided solid fuel. An annulus of finely divided solid fuel is supplied to a reactor space via an annular outlet channel (12) of a burner, the burner being further provided with a plurality of outlet passages (10) for supplying a plurality of high velocity oxygen jets into the reactor space in such a manner as to intersect the annulus of finely divided solid fuel.

IPC 1-7
C10J 3/46; **C10J 3/48**

IPC 8 full level
C10J 3/46 (2006.01); **C10J 3/48** (2006.01); **F23D 1/00** (2006.01); **F23D 1/04** (2006.01)

CPC (source: EP)
C10J 3/506 (2013.01); **C10J 2300/1223** (2013.01)

Citation (examination)

- GB 316667 A 19300522 - APPAREILS MANUTENTION FOURS STEIN SA
- US 4351647 A 19820928 - MARION CHARLES P, et al
- Ullmans Encyclopädie der technischen Chemie, 4 Auflage, Bd 14 "Keramische Farben bis Kork", pages 365-368

Cited by
EP0328794A1; US4887962A; EP0437698A1; KR20150001791A; AT502240B1; CN107033971A; US8545726B2; WO2013150008A1; US6230635B1; US6389998B2; US6439140B2

Designated contracting state (EPC)
BE DE GB NL

DOCDB simple family (publication)
EP 0129921 A2 19850102; **EP 0129921 A3 19851227**; **EP 0129921 B1 19900131**; AU 2973084 A 19850103; AU 560722 B2 19870416; CA 1248758 A 19890117; DE 3481198 D1 19900308; GB 8317251 D0 19830727; JP H0518010 B2 19930310; JP S6017612 A 19850129; ZA 844697 B 19850227

DOCDB simple family (application)
EP 84200702 A 19840515; AU 2973084 A 19840621; CA 453910 A 19840509; DE 3481198 T 19840515; GB 8317251 A 19830624; JP 12659984 A 19840621; ZA 844697 A 19840621