

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

Publication  
**EP 0129921 A3 19851227 (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 3/48; C10J 3/46**

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

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

Citation (search report)

- [Y] FR 2437435 A1 19800425 - FREIBERG BRENNSTOFFINST [DD]
- [Y] EP 0026509 B1 19831012
- [A] US 3110578 A 19631112 - SEVERSON DONALD E, et al
- [A] DE 968970 C 19580417 - BASF AG

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

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