

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

Publication
EP 0021461 B1 19830817 (EN)

Application
EP 80200355 A 19800417

Priority
NL 7904625 A 19790613

Abstract (en)
[origin: EP0021461A1] Process and burner for preparing hydrogen and carbon monoxide by the partial combustion of finely divided solid fuel with oxygen-containing gas using moderator gas. The reactants are separately supplied to an empty reactor through the burner. The solid fuel is passed in a carrier gas centrally (7). The oxygen-containing gas is passed concentrically (6) around and separate from the fuel stream. The moderator gas is passed concentrically (5) around and separate from the oxygen-containing gas.

IPC 1-7
C10J 3/46; **C10J 3/50**

IPC 8 full level
F23D 1/00 (2006.01); **C10J 3/46** (2006.01); **C10J 3/48** (2006.01); **C10J 3/50** (2006.01); **F23D 1/04** (2006.01)

CPC (source: EP)
C10J 3/506 (2013.01); **C10J 3/74** (2013.01); **C10J 3/76** (2013.01); **C10J 3/78** (2013.01); **C10J 2300/092** (2013.01); **C10J 2300/093** (2013.01); **C10J 2300/0946** (2013.01); **C10J 2300/0956** (2013.01); **C10J 2300/0959** (2013.01); **C10J 2300/0976** (2013.01); **C10J 2300/1846** (2013.01)

Cited by
EP0026509A3; EP0101213A3; EP0120517A3; EP0180249A3; EP0107225A1; US4523529A; EP0022897B1

Designated contracting state (EPC)
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