

Title (en)
PROCESS AND APPARATUS FOR USE WITH PRESSURIZED REACTORS

Publication
EP 0205238 A3 19870506 (EN)

Application
EP 86302760 A 19860414

Priority
US 72377185 A 19850416

Abstract (en)
[origin: EP0205238A2] A carbonaceous slurry, an oxygen-containing gas, fuel gas and, optionally, temperature moderators are fed contemporaneously and selectively into a pressurized partial oxidation zone via a process burner providing internal uniform dispersion of the carbonaceous slurry into the oxygen-containing gas and high atomization of the dispersed carbonaceous slurry. The process burner also provides dispersion of the fuel gas into the oxygen-containing gas exteriorly of the process burner.

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

IPC 8 full level
B01J 3/00 (2006.01); **C10J 3/46** (2006.01); **C10J 3/48** (2006.01); **C10K 3/06** (2006.01)

CPC (source: EP KR)
C10J 3/506 (2013.01 - EP); **C10J 3/66** (2013.01 - KR); **C10J 2300/1223** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
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