

Title (en)

Process and apparatus for use with pressurized reactors.

Title (de)

Verfahren und Vorrichtung für Anwendung mit Überdruckreaktoren.

Title (fr)

Procédé et appareil pour utilisation avec des réacteurs pressurisés.

Publication

**EP 0205238 A2 19861217 (EN)**

Application

**EP 86302760 A 19860414**

Priority

US 72377185 A 19850416

Abstract (en)

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

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CPC (source: EP KR)

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

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**EP 0205238 A2 19861217**; **EP 0205238 A3 19870506**; **EP 0205238 B1 19900321**; AU 5051290 A 19900816; AU 5606986 A 19861023; AU 596795 B2 19900517; CA 1293125 C 19911217; CN 1010027 B 19901017; CN 86102626 A 19861217; DE 3669733 D1 19900426; IN 167311 B 19901006; JP S61275390 A 19861205; KR 860008258 A 19861114; KR 930011070 B1 19931120; NZ 215764 A 19890426; TR 22483 A 19870810; ZA 862850 B 19871230

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