

Title (en)
OPPOSED FIRED ROTARY KILN

Publication
EP 0451648 A3 19920513 (EN)

Application
EP 91105063 A 19910328

Priority
US 50090690 A 19900329

Abstract (en)
[origin: EP0451648A2] A rotary kiln system wherein oxidant injection means are positioned at each stationary end and inject oxidant toward each other creating gas recirculation within the rotary kiln for improved mixing, combustion efficiency and temperature uniformity. <IMAGE>

IPC 1-7
F23G 5/20; **F23C 9/00**; **F27B 7/34**; **F23G 5/12**; **F23L 7/00**; **F23G 5/027**; **F23G 5/40**

IPC 8 full level
F23C 9/00 (2006.01); **F23G 5/12** (2006.01); **F23G 5/20** (2006.01); **F23G 5/50** (2006.01); **F27B 7/00** (2006.01); **F27B 7/34** (2006.01)

CPC (source: EP KR)
F23C 9/006 (2013.01 - EP); **F23G 5/12** (2013.01 - EP); **F23G 5/20** (2013.01 - EP); **F27B 7/00** (2013.01 - KR); **F27B 7/34** (2013.01 - EP); **F23C 2202/40** (2013.01 - EP)

Citation (search report)

- [A] EP 0344784 A2 19891206 - UNION CARBIDE CORP [US]
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- [A] DE 2549076 A1 19770512 - KRAFTANLAGEN AG
- [A] US 4245571 A 19810120 - PRZEWALSKI ZYGMUNT J

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EP 91105063 A 19910328; BR 9101206 A 19910326; CA 2039317 A 19910328; DE 69100074 T 19910328; ES 91105063 T 19910328; JP 8736991 A 19910328; KR 910004841 A 19910328