

Title (en)
Opposed fired rotary kiln.

Title (de)
Drehrohrföfen mit gegeneinander gerichteten Flammen.

Title (fr)
Four rotatif chauffé par des flammes opposées.

Publication
EP 0451648 A2 19911016 (EN)

Application
EP 91105063 A 19910328

Priority
US 50090690 A 19900329

Abstract (en)
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
F23C 9/00; **F23G 5/027**; **F23G 5/12**; **F23G 5/20**; **F23G 5/40**; **F23L 7/00**; **F27B 7/34**

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)

Cited by
FR2733303A1; GB2261938A; EP0541105A3; EP2208935A1; EP0567131A3; EP1612482A3; EP2869012A1; DE102006028770A1; DE102006028770B4; EP0653590A1; JPH07198109A; GB2276438A; GB2276438B; US5482458A; US6394790B1; DE102012002548A1; EP2626628A1; WO9311084A1; WO2010081578A1; EP3037765A1; US10280114B2; KR100252332B1

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