

Title (en)

OXY/FUEL COMBUSTION SYSTEM WITH LITTLE OR NO EXCESS OXYGEN

Title (de)

SYSTEM FÜR SAUERSTOFF/BRENNSTOFF-VERBRENNUNG MIT WENIG ODER OHNE SAUERSTOFFÜBERSCHUSS

Title (fr)

SYSTÈME DE COMBUSTION OXYGAZ PRATIQUEMENT DÉPOURVU OU DÉPOURVU D'OXYGÈNE EXCÉDENTAIRE

Publication

EP 2340395 A1 20110706 (EN)

Application

EP 09792976 A 20090925

Priority

- US 2009058286 W 20090925
- US 23861208 A 20080926

Abstract (en)

[origin: US2010077942A1] The disclosure includes a combustion system including a primary reactor arranged and disposed to receive a solid fuel and a first oxygen stream and deliver a first substantially gaseous product and a substantially solid or molten product, a secondary reactor in fluid communication with the primary reactor, and a furnace in fluid communication with the secondary reactor.

IPC 8 full level

F23G 5/027 (2006.01); **F23C 6/04** (2006.01); **F23G 5/50** (2006.01)

CPC (source: EP US)

F23C 6/04 (2013.01 - EP US); **F23G 5/0276** (2013.01 - EP US); **F23G 5/50** (2013.01 - EP US); **F23G 2202/101** (2013.01 - EP US); **F23G 2202/103** (2013.01 - EP US); **F23G 2207/103** (2013.01 - EP US); **Y02E 20/34** (2013.01 - EP US)

Citation (search report)

See references of WO 2010036840A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

US 2010077942 A1 20100401; CA 2733243 A1 20100401; CA 2733243 C 20130924; CN 102165259 A 20110824; EP 2340395 A1 20110706; WO 2010036840 A1 20100401

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