

Title (en)
NON-CENTRIC OXY-FUEL BURNER FOR GLASS MELTING SYSTEMS

Title (de)
NICHTZENTRISCHER SAUERSTOFF-BRENNSTOFF-BRENNER FÜR GLASSCHMELZSYSTEME

Title (fr)
BRÛLEUR OXYCOMBUSTIBLE DÉCENTRÉ POUR SYSTÈMES DE FUSION DE VERRE

Publication
EP 2038582 A2 20090325 (EN)

Application
EP 07795376 A 20070525

Priority
• US 2007012533 W 20070525
• US 44673806 A 20060605

Abstract (en)
[origin: US2007281264A1] A burner and method of combustion for a furnace or a forehearth includes a gas delivery member and a fuel delivery member having a portion thereof disposed at an interior of the gas delivery member and offset or angled from a longitudinal axis of the gas delivery member to provide gaseous oxidant and fuel flows for combustion.

IPC 8 full level
F23D 99/00 (2010.01)

CPC (source: EP US)
C03B 5/235 (2013.01 - EP US); **C03B 5/2353** (2013.01 - EP US); **C03B 7/06** (2013.01 - EP US); **C03B 7/065** (2013.01 - EP US); **F23C 5/06** (2013.01 - EP US); **F23D 14/22** (2013.01 - EP US); **F23D 14/32** (2013.01 - EP US); **Y02E 20/34** (2013.01 - EP US); **Y02P 40/50** (2015.11 - EP US)

Citation (search report)
See references of WO 2007145798A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2007281264 A1 20071206; BR PI0712076 A2 20120117; CN 101490474 A 20090722; EP 2038582 A2 20090325; RU 2008152802 A 20100810; WO 2007145798 A2 20071221; WO 2007145798 A3 20081211; ZA 200810487 B 20100526

DOCDB simple family (application)
US 44673806 A 20060605; BR PI0712076 A 20070525; CN 200780025920 A 20070525; EP 07795376 A 20070525; RU 2008152802 A 20070525; US 2007012533 W 20070525; ZA 200810487 A 20081210