Title (en)
AIR-FLOW-CONTROLLING REAR HOUSING MEMBER

Title (de)
RÜCKWÄRTIGES GEHÄUSEELEMENT FÜR LUFTSTROMSTEUERUNG

Title (fr)
ÉLÉMENT DE LOGEMENT ARRIÈRE DE RÉGULATION DU DÉBIT D'AIR

Publication
EP 2338000 A1 20110629 (EN)

Application
EP 09813937 A 20090922

Priority
- CA 2009001309 W 20090922
- US 9920008 P 20080922

Abstract (en)
[origin: WO2010031175A1] An oxygen flow controlling rear housing member for use in a burner comprises a main body portion with a first oxygen inlet. An annular oxygen gathering chamber is in fluid communication with the first oxygen inlet. An annular wall divides the annular oxygen gathering chamber and an annular oxygen-flow mixing chamber. A first oxygen flow passageway extends between the annular oxygen gathering chamber and the annular oxygen-flow mixing chamber, and has a first height that is a portion of the height of the annular wall. A second oxygen flow passageway extends between the annular oxygen gathering chamber and the annular oxygen-flow mixing chamber, and has a second height that is a portion of the height of the annular wall. The height of the first oxygen flow passageway is greater than the height of the second oxygen flow passageway.

IPC 8 full level
F23C 7/00 (2006.01); **F23C 9/00** (2006.01); **F23D 14/62** (2006.01); **F23D 14/70** (2006.01); **F23L 1/00** (2006.01); **F23L 7/00** (2006.01)

CPC (source: EP US)
F23C 7/008 (2013.01 - EP US); **F23D 14/24** (2013.01 - EP US); **F23D 14/70** (2013.01 - EP US); **F23L 1/00** (2013.01 - EP US); F23L 2900/07006 (2013.01 - EP US); Y02E 20/34 (2013.01 - EP US)

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)
WO 2010031175 A1 20100325; AU 2009295221 A1 20100325; AU 2009295222 A1 20100325; CN 102224378 A 20111019; CN 102224378 B 20140723; CN 102224379 A 20111019; CN 102224379 B 20140924; CN 104197331 A 20141210; CN 104197331 B 20170707; EP 2334985 A2 20110622; EP 2334985 A4 20140806; EP 2338000 A1 20110629; EP 2338000 A4 20140806; RU 2011115778 A 20121027; RU 2011115779 A 20121027; RU 2507447 C2 20140220; RU 2509955 C2 20140320; US 2010154771 A1 20100624; US 2010167222 A1 20100701; WO 2010031174 A2 20100325; WO 2010031174 A3 20100514; WO 2010031176 A1 20100325

DOCDB simple family (application)
CA 2009001309 W 20090922; AU 2009295221 A 20090922; AU 2009295222 A 20090922; CA 2009001308 W 20090922; CA 2009001310 W 20090922; CN 200980146768 A 20090922; CN 200980146792 A 20090922; CN 201410290884 A 20090922; EP 09813936 A 20090922; EP 09813937 A 20090922; RU 2011115778 A 20090922; RU 2011115779 A 20090922; US 56433709 A 20090922; US 56436909 A 20090922