

Title (en)  
BURNER

Title (de)  
BRENNER

Title (fr)  
BRÛLEUR

Publication  
**EP 2334985 A2 20110622 (EN)**

Application  
**EP 09813936 A 20090922**

Priority  
• CA 2009001308 W 20090922  
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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); **F23D 14/24** (2006.01); **F23D 14/70** (2006.01); **F23L 1/00** (2006.01)

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