

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

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CPC (source: EP US)

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