

Title (en)
BURNER

Title (de)
BRENNER

Title (fr)
BRÛLEUR

Publication
EP 2334985 A4 20140806 (EN)

Application
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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
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Citation (search report)
• [X] US 4988287 A 19910129 - STEGELMAN ALBERT F [US], et al
• [XY] GB 2119080 A 19831109 - GIAVELLI MEC SPA, et al
• [X] FR 1384015 A 19650104 - HEURTEY SA
• [X] EP 1052462 A1 20001115 - ZOWEL B V [NL]
• [XA] EP 0078526 A1 19830511 - TUZELESTECHNIKAI KUTATOINTEZET [HU]
• [YA] EP 1832664 A1 20070912 - AIR PROD & CHEM [US]
• See references of WO 2010031174A2

Designated contracting state (EPC)
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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