

Title (en)  
Burner with center air jet

Title (de)  
Brenner mit zentralem Luftstrahl

Title (fr)  
Brûleur à jet d'air central

Publication  
**EP 2051005 B1 20170614 (EN)**

Application  
**EP 09151678 A 20060816**

Priority  
• EP 09151678 A 20060816  
• EP 06254290 A 20060816

Abstract (en)  
[origin: EP1892470A1] A new burner apparatus and method of combusting fossils fuels for commercial and industrial application is provided wherein the new burner apparatus achieves low NO x emissions by supplying oxygen to the center of the burner flame in as manners so as to create a fuel rich internal combustion zone within the burner flame.

IPC 8 full level  
**F23D 1/02** (2006.01)

CPC (source: EP)  
**F23D 1/02** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1892470 A1 20080227; EP 1892470 B1 20110126; EP 1892470 B8 20110309**; AT E497126 T1 20110215; DE 602006019860 D1 20110310; DK 1892470 T3 20110321; DK 2138765 T3 20160725; EP 2051005 A2 20090422; EP 2051005 A3 20100609; EP 2051005 B1 20170614; EP 2138765 A2 20091230; EP 2138765 A3 20100922; EP 2138765 B1 20160330; ES 2358273 T3 20110509; ES 2576008 T3 20160704; ES 2636594 T3 20171006; PL 1892470 T3 20110729; PL 2051005 T3 20171031; PL 2138765 T3 20160930

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