

Title (en)  
Burner

Title (de)  
Brenner

Title (fr)  
Brûleur

Publication  
**EP 0844434 B1 20040218 (EN)**

Application  
**EP 97308215 A 19971016**

Priority  
JP 28550396 A 19961028

Abstract (en)  
[origin: EP0844434A2] It is possible to provide a burner that may elevate a temperature of a combustion flame with ease without preheating air or adding oxygen. A plurality of magnets 19 having the same polarity are arranged to be present around a periphery of a combustion chamber 17 around an outer circumference of a combustion sleeve 16 that forms the combustion chamber 17. <IMAGE>

IPC 1-7  
**F23C 11/00**

IPC 8 full level  
**F23D 11/44** (2006.01); **F23C 99/00** (2006.01); **F23M 5/08** (2006.01)

CPC (source: EP)  
**F23C 99/001** (2013.01); **F23M 5/08** (2013.01); **F23C 2900/99005** (2013.01); **F23J 2219/201** (2013.01)

Cited by  
EP1376011A4; EP2861341A4; US10364984B2; US9879858B2; US10359189B2; US9739479B2; US10386062B2; US9732958B2; US9803855B2; US10161625B2; US10823401B2; US9909757B2; US10753605B2; US10066835B2; US10240788B2; US10295185B2; US9574767B2; US10174938B2; US10359213B2; US9702550B2; US9909759B2; US10047950B2; US10125979B2; US9797595B2; US10077899B2; US10088151B2; US10337729B2; US11156356B2; US9696034B2; US9696031B2; US10101024B2; US10422523B2; US10458647B2; US11460188B2; US9828288B2; US10190767B2; US10295175B2; US10458649B2; US10808925B2; US11073280B2; US9702547B2; US10060619B2; US10281141B2; US10571124B2; US10627106B2; US10677454B2

Designated contracting state (EPC)  
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**EP 97308215 A 19971016**; DE 69727644 T 19971016; JP 28550396 A 19961028; KR 19970054716 A 19971024; TW 86115336 A 19971017