

Title (en)  
Premix gas burner

Title (de)  
Vormischbrenner

Title (fr)  
Brûleur à prémélange gazeux

Publication  
**EP 1030107 B1 20040428 (EN)**

Application  
**EP 00103279 A 20000217**

Priority  
IT MO990026 A 19990218

Abstract (en)  
[origin: EP1030107A1] A burner comprising at least one body (1) for mixing and distributing a mixture of gaseous fuel and air, said body being provided with a Venturi tube (2), arranged at the inside of the body, into which a mixture of gaseous fuel and air is introduced, and comprising a diffuser element (3) provided with apertures (7) through which said mixture flowing out of the Venturi tube (2) is discharged, said body (1) being provided at its upper end with a flange by means of which said diffuser element (3) is coupled with said body (1); said diffuser element (3) is provided with a peripheral rim (6) so dimensioned as to be capable of being clinched onto said flange. <IMAGE>

IPC 1-7  
**F23D 14/58**; **F23D 14/10**

IPC 8 full level  
**F23D 14/10** (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)  
**F23D 14/105** (2013.01); **F23D 14/583** (2013.01); **F23D 2209/20** (2013.01); **F23D 2213/00** (2013.01)

Cited by  
US2014011143A1; GB2616620A; ITMO20120281A1; US9134033B2; EP3412967A1; IT201700062155A1; RU2618137C1; CN110513681A; WO2014076675A1

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