

Title (en)  
Mixing device for oil or gasburner

Title (de)  
Mischeinrichtung für Öl- und Gasbrenner

Title (fr)  
Mélangeur pour brûleur à huile ou à gaz

Publication  
**EP 0655580 B1 19990127 (DE)**

Application  
**EP 94118271 A 19941121**

Priority  
AT 240993 A 19931129

Abstract (en)  
[origin: EP0655580A2] A mixing device for oil or gas burner with a mixing pipe (1) with an end-side passage opening (3), an annular baffle plate (10), arranged upstream in the direction of flow in front of the passage opening (3), with radial slots (12), and a cylindrical casing (11) facing towards the passage opening (3) of the mixing pipe (1). Furthermore, a nozzle (4) and at least one ignition electrode (29) are provided. The cylindrical casing (11) is provided with a cone on the outside at the passage opening (3), the end edge (18) of which has a smaller diameter and lies at least approximately in the plane of the passage opening (3) of the mixing pipe (1). <IMAGE>

IPC 1-7  
**F23D 11/40**; **F23D 14/62**; **F23C 9/00**

IPC 8 full level  
**F23C 9/00** (2006.01); **F23D 11/40** (2006.01); **F23D 14/62** (2006.01)

CPC (source: EP)  
**F23C 9/006** (2013.01); **F23D 11/40** (2013.01); **F23D 14/62** (2013.01)

Cited by  
DE102009057120A1; EP0867658A1; DE10202600B4; EP0699867A3; CN114234186A; AT407911B; DE102004002246A1; AT404399B; EP0864812A3; CN107606611A; EP0867659A1; US6579086B2; WO0020799A1; WO2004048850A3

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