

Title (en)  
Pre-mix burner

Title (de)  
VORMISCHBRENNER

Title (fr)  
Brûleur à prémélange

Publication  
**EP 2422136 B1 20130403 (DE)**

Application  
**EP 10702659 A 20100129**

Priority  

- EP 2010051104 W 20100129
- EP 09158558 A 20090423
- EP 10702659 A 20100129

Abstract (en)  
[origin: EP2244015A1] The burner (1) has a pilot gas inlet i.e. pilot gas inlet pipe (23), including a duct wall i.e. pipe wall, facing towards an air inlet duct (21), and a pilot gas outflow end (29) fixed to the air inlet duct. An igniting element i.e. igniting electrode (35), is located in the air inlet duct, and the pilot gas outflow end is provided in upstream of the air inlet duct. The duct wall of the pilot gas inlet duct has a gas outflow opening (37) located upstream from the igniting element. A pilot gas outflow duct has flow resistance downstream from the gas outflow opening.

IPC 8 full level  
**F23R 3/34** (2006.01)

CPC (source: EP)  
**F23R 3/343** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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