

Title (en)  
Gas burner

Title (de)  
Gasbrenner

Title (fr)  
Brûleur à gaz

Publication  
**EP 0698766 A2 19960228 (EN)**

Application  
**EP 95305876 A 19950822**

Priority  
• GB 9417292 A 19940826  
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Abstract (en)  
A gas burner for a domestic boiler which substantially reduces resonant noise generation during burner ignition, has a perforated inner wall (5) with a greater flow resistance than a perforated outer wall (4), the high flow resistance of the inner wall preventing transmission of pressure pulses sufficient to cause troublesome noise generation through into the main volume of the burner. <MATH>

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

IPC 8 full level  
**F23D 14/30** (2006.01); **F23D 14/36** (2006.01); **F23D 14/46** (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)  
**F23D 14/30** (2013.01); **F23D 14/36** (2013.01); **F23D 14/46** (2013.01); **F23D 14/58** (2013.01); **F23D 2203/1012** (2013.01); **F23D 2203/1023** (2013.01); **F23D 2900/00003** (2013.01)

Cited by  
ITMI20110390A1; CN103443544A; EP1498658A1; GB2404008A; ES2293768A1; EP0864813A1; NL1005494C2; ITVI20110181A1; IT202000002209A1; EP0816758A1; NL1003311C2; ITMI20102181A1; CN103299130A; US2013302741A1; WO2012123805A1; WO2012069970A1; WO2023057937A1

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