

Title (en)  
AN IMPROVED AIR-GAS MIXER DEVICE

Title (de)  
LUFT-GAS MISCHER

Title (fr)  
MELANGEUR AIR-GAZ AMELIORE

Publication  
**EP 1356234 B1 20070627 (EN)**

Application  
**EP 01912119 A 20010223**

Priority  
• IT 0100087 W 20010223  
• IT PD20010023 A 20010201

Abstract (en)  
[origin: WO02061336A1] An air-gas mixer device (1, 100), in particular for gas burners (2) with forced ventilation, is described and comprises an air-gas mixing chamber (12) for producing a combustible mixture to be delivered to the burner, in which the chamber (12) is supplied by a first flow of a mixture of primary air and of gas and by a second flow of secondary air through a first duct (5) and a second duct (6), respectively. The device comprises first means for choking the first duct (5) and/or the second duct (6) so as selectively to choke the quantity of the mixture of primary air and gas and/or of secondary air supplied to the mixing chamber (12).

IPC 8 full level  
**F23D 14/60** (2006.01); **F23D 14/62** (2006.01); **F23L 13/06** (2006.01)

CPC (source: EP KR)  
**F23D 14/60** (2013.01 - EP); **F23D 14/62** (2013.01 - EP KR)

Cited by  
EP3460330A1; ITMI20122008A1; EP3006827A1; DE102017216966A1; EP3460324A1; DE102017216961A1

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