

Title (en)  
Burner

Title (de)  
Brenner

Title (fr)  
Brûleur

Publication  
**EP 0704657 A3 19970730 (DE)**

Application  
**EP 95810587 A 19950920**

Priority  
DE 4435266 A 19941001

Abstract (en)  
[origin: EP0704657A2] The burner comprises a swirl generator for the combustion air-stream and fuel injection devices. Inside a first section (200) of the mixing passage (220) downstream of the swirl-generator (100) are transfer passages (201) delivering the current (40) to the downstream portion (20) of the mixing passage. The latter can be tubular, and the number of transfer passages can be the same as that of the dividing bodies in the generator. Downstream of the transfer passages there can be drillings (21) in the mixing passage tube for air injection in the flow and peripheral directions.

IPC 1-7  
**F23D 17/00; F23D 11/40**

IPC 8 full level  
**F23D 14/02** (2006.01); **F23D 11/24** (2006.01); **F23D 11/40** (2006.01); **F23D 17/00** (2006.01); **F23L 1/00** (2006.01)

CPC (source: EP KR US)  
**F23D 11/402** (2013.01 - EP KR US); **F23D 17/002** (2013.01 - EP US); **F23C 2202/40** (2013.01 - EP US); **F23C 2900/07002** (2013.01 - EP US); **F23D 2202/00** (2013.01 - KR); **F23D 2209/10** (2013.01 - EP KR US); **F23D 2209/20** (2013.01 - EP KR US)

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