

Title (en)  
Device for generating a rotating gas flow

Title (de)  
Vorrichtung zur Erzeugung einer rotierenden Strömung

Title (fr)  
Dispositif pour générer un flux gazeux rotatif

Publication  
**EP 1081434 B1 20041013 (DE)**

Application  
**EP 00117240 A 20000814**

Priority  
CH 158599 A 19990830

Abstract (en)  
[origin: EP1081434A1] The rectangular flow-duct (18) has several nozzles (24) positioned on the two opposite-facing walls (26) defining the flow-duct and lying on one plane (22). The flow duct has a transition part (20) from a combustion chamber (12) of the combustion plant to the flue gas outlet (10). At least one wall section (28) of the two facing walls have first nozzles (24a) in a row and form an angle between the wall and jet.

IPC 1-7  
**F23L 9/02**; **F23J 15/00**

IPC 8 full level  
**F23G 5/14** (2006.01); **F23G 5/44** (2006.01); **F23J 15/00** (2006.01); **F23L 9/02** (2006.01)

CPC (source: EP KR US)  
**F23G 5/44** (2013.01 - KR); **F23J 15/003** (2013.01 - EP US); **F23L 9/02** (2013.01 - EP US); **F23G 2202/106** (2013.01 - EP US);  
**F23L 2900/07002** (2013.01 - EP US)

Cited by  
WO2012130446A1; EP1319894A3; DE102016002899A1; DE102016002899B4; EP1726877A1; CN100402925C; EP2505919A1; WO03083370A1;  
EP2691701B1; EP2691701B2

Designated contracting state (EPC)  
CH DE FR IT LI NL SE

DOCDB simple family (publication)  
**EP 1081434 A1 20010307**; **EP 1081434 B1 20041013**; **EP 1081434 B2 20081231**; CH 694305 A5 20041115; CZ 20003153 A3 20010815;  
CZ 297291 B6 20061011; DE 50008206 D1 20041118; JP 2001099415 A 20010413; JP 3750014 B2 20060301; KR 100465934 B1 20050113;  
KR 20010050249 A 20010615; TW 454082 B 20010911; US 6938561 B1 20050906

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KR 20000050424 A 20000829; TW 89115525 A 20000802; US 65053300 A 20000830