

Title (en)  
Method and furnace for incinerating waste

Title (de)  
Verfahren und Feuerung zum Verbrennen von Abfällen

Title (fr)  
Procédé et four pour l'incinération de déchets

Publication  
**EP 0741267 B1 20010801 (DE)**

Application  
**EP 95106788 A 19950505**

Priority  
EP 95106788 A 19950505

Abstract (en)  
[origin: EP0741267A1] The method involves delivering waste onto a grid, moving it forward and burning it with the exhaust gas deflected through an opening into an exhaust channel. Near the opening, secondary air jets are blown into the two channel halves which are separated by the central plane of the exhaust channel. The jets have a torsion impulse relative to the centre axis of the channel cross-section. The sense of rotation of all the secondary air jets blown into one channel half is the same but the sense of rotation in one half is opposite that in the other half. The jets can be blown mirror-symmetrically relative to the central plane. For each channel half, one secondary air jet has a higher impulse and one jet a lower impulse.

IPC 1-7  
**F23G 5/16**; **F23L 9/04**; **F23C 9/00**

IPC 8 full level  
**F23G 5/00** (2006.01); **F23C 9/00** (2006.01); **F23G 5/14** (2006.01); **F23G 5/16** (2006.01); **F23G 5/44** (2006.01); **F23L 9/02** (2006.01)

CPC (source: EP KR US)  
**F23C 9/00** (2013.01 - EP US); **F23G 5/16** (2013.01 - EP KR US); **F23L 9/02** (2013.01 - EP US); **F23G 2202/106** (2013.01 - EP US)

Cited by  
CN105423304A; DE102004045510A1; EP0952398A3; EP3076076A1; EP4047271A1; WO0029788A1; US10753604B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL PT SE

DOCDB simple family (publication)  
**EP 0741267 A1 19961106**; **EP 0741267 B1 20010801**; AT E203809 T1 20010815; DE 59509469 D1 20010906; ES 2161798 T3 20011216; JP 2000513796 A 20001017; KR 100446348 B1 20041014; KR 19990008293 A 19990125; PL 323139 A1 19980316; TW 319816 B 19971111; US 6138587 A 20001031; WO 9635081 A1 19961107

DOCDB simple family (application)  
**EP 95106788 A 19950505**; AT 95106788 T 19950505; DE 59509469 T 19950505; EP 9601254 W 19960322; ES 95106788 T 19950505; JP 52309796 A 19960322; KR 19970707819 A 19971104; PL 32313996 A 19960322; TW 85103698 A 19960327; US 96418897 A 19971104