

Title (en)
METHOD OF BURNING REFUSE

Publication
EP 0286077 B1 19911218 (DE)

Application
EP 88105522 A 19880407

Priority
• DE 3712039 A 19870409
• DE 3716088 A 19870514

Abstract (en)
[origin: EP0286077A2] The invention relates to a method of burning in particular refuse, and a combustion boiler (1) in particular for the refuse combustion, materials to be burned being fed into a furnace body (2) and burned on a furnace grate (3) in the furnace body (2), the resulting flue gases being drawn off from the furnace body (2) and swirled by the addition of secondary air, and post-combustion of the flue gases taking place. In this connection, the secondary air is injected into the post- combustion zone over the entire flow cross-section of the flue gases, before the entry of the flue gases, in such a manner that the flue gases are braked, i.e. retained in a uniform temperature zone of the furnace body (2) in the exhaust direction before the injection region. <IMAGE>

IPC 1-7
F23G 5/14; **F23J 7/00**; **F23L 9/02**

IPC 8 full level
F23G 5/14 (2006.01); **F23J 7/00** (2006.01); **F23L 9/02** (2006.01)

CPC (source: EP US)
F23G 5/14 (2013.01 - EP US); **F23J 7/00** (2013.01 - EP US); **F23L 9/02** (2013.01 - EP US)

Cited by
DE4236073A1; CN105849464A; EP0509364A3; CN1039154C; US5741130A; US5257585A; EP1493967A1

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

DOCDB simple family (publication)
EP 0286077 A2 19881012; **EP 0286077 A3 19890315**; **EP 0286077 B1 19911218**; **EP 0286077 B2 19960731**; AT E70611 T1 19920115; DE 3716088 A1 19890202; DE 3866919 D1 19920130; ES 2005521 A4 19890316; ES 2005521 T3 19920701; ES 2005521 T5 19961016; JP H0656255 B2 19940727; JP S63282414 A 19881118; US 4940006 A 19900710; US 5009173 A 19910423

DOCDB simple family (application)
EP 88105522 A 19880407; AT 88105522 T 19880407; DE 3716088 A 19870514; DE 3866919 T 19880407; ES 88105522 T 19880407; JP 8804288 A 19880409; US 17208588 A 19880323; US 46539290 A 19900116