Title (en)

COMBUSTION FURNACE PARTICULARLY FOR WASTES

Title (de)

MÜLLVERBRENNUNGSOFEN

Title (fr)

FOURNEAU DE COMBUSTION, EN PARTICULIER POUR DECHETS

Publication

EP 1030999 B1 20021218 (EN)

Application

EP 98955894 A 19981109

Priority

- IT 9800311 W 19981109
- IT UD970212 A 19971113

Abstract (en)

[origin: WO9926022A1] A combustion furnace particularly for wastes, of the type provided with a structure for the advancement of waste material (1-12) in the combustion chamber (2), having a floor with stair-down sectors (21, 22, 23, 24, 25) overlapped by retractable advancement elements (32, 33, 34) with a to-and-fro reciprocating movement (3) having a pusher function for advancing the combustion material towards a downstream area for the ashes discharge (25), characterised in that, just at the material entry and under it, in the respective combustion chamber, an air-jet area (51) able to separate the dust to be burnt with respect to the biggest sized dust is provided, throwing it in the air of the combustion chamber.

IPC 1-7

F23G 5/00; F23G 5/46; F23G 5/16

IPC 8 full level

F23G 5/00 (2006.01); **F23G 5/16** (2006.01); **F23G 5/46** (2006.01)

CPC (source: EP)

F23G 5/002 (2013.01); **F23G 5/16** (2013.01); **F23G 5/46** (2013.01); F23G 2203/803 (2013.01); F23G 2209/261 (2013.01); F23G 2209/28 (2013.01); F23G 2900/50008 (2013.01); F23H 2900/03021 (2013.01)

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