

Title (en)

INCREASED-CONTROL FLEXIBILITY BOILER FURNACE, PARTICULARLY FOR URBAN REFUSE, WITH A GRATE COMPOSED OF FIRE BARS WHICH ARE ALTERNATELY SECURED AND MOVABLE TO AND FRO

Publication

EP 0290317 B1 19920108 (FR)

Application

EP 88401021 A 19880426

Priority

FR 8705912 A 19870427

Abstract (en)

[origin: WO8808502A1] The fire grate comprises, in its length, two successive gratings (41, 42) having essentially the same general slope and connected to each other essentially directly below the bridge (7), each grating possessing its own mobile frame with its own means of control (45, 46) and its own flue gas caisson (43, 44) with its own means of ventilation. It is thereby possible to regulate the combustion conditions to optimize the carbonization mode on the upstream layer (41) and the burning mode on the downstream layer (42).

IPC 1-7

F23B 1/18; **F23G 5/00**; **F23H 1/02**; **F23H 7/08**

IPC 8 full level

F23G 5/00 (2006.01); **F23G 5/44** (2006.01); **F23H 1/02** (2006.01); **F23H 7/08** (2006.01); **F23H 17/00** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP US)

F23B 1/18 (2013.01 - EP US); **F23G 5/002** (2013.01 - EP US); **F23H 1/02** (2013.01 - EP US); **F23H 7/08** (2013.01 - EP US)

Cited by

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EP 0290317 A1 19881109; **EP 0290317 B1 19920108**; AT E71451 T1 19920115; CA 1294826 C 19920128; DE 290317 T1 19890511; DE 3867528 D1 19920220; ES 2006453 A4 19890501; ES 2006453 T3 19920701; FR 2614395 A1 19881028; FR 2614395 B1 19890721; GR 3004024 T3 19930331; GR 890300057 T1 19890622; JP H01503083 A 19891019; JP H0544570 B2 19930706; US 4901653 A 19900220; WO 8808502 A1 19881103

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