

Title (en)

Fluidized bed furnace with internal gas combustion.

Title (de)

Wirbelbettöfen mit interner Gasverbrennung.

Title (fr)

Lit fluidisé avec combustion interne de gaz.

Publication

**EP 0479378 B1 19950712 (EN)**

Application

**EP 91202512 A 19910927**

Priority

BE 9000934 A 19901002

Abstract (en)

[origin: EP0479378A1] Fluidized bed with controllable gas flame in the bed. The supply arrangement for the carrying gas comprises, in addition to an inlet for fuel gas (7) and an inlet for the air (6), a third inlet for flue gases (8). The regulation of the fluidized bed temperature, of the flow rate of carrying gas, and of the air to fuel gas ratio occurs by steering of the flow rates at the three inlets. Application in particular to the continuous patenting of steel wires. <IMAGE>

IPC 1-7

**F27B 15/18**; **C21D 1/53**

IPC 8 full level

**C21D 1/53** (2006.01); **C21D 9/567** (2006.01); **F27B 15/18** (2006.01)

CPC (source: EP)

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DOCDB simple family (publication)

**EP 0479378 A1 19920408**; **EP 0479378 B1 19950712**; DE 69111173 D1 19950817; DE 69111173 T2 19951116

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