

Title (en)  
INSTALLATION FOR THE TREATMENT OF FUEL MATERIAL, AND ITS OPERATING MODE

Publication  
**EP 0140763 B1 19871223 (FR)**

Application  
**EP 84401970 A 19841003**

Priority  
FR 8315969 A 19831007

Abstract (en)  
[origin: EP0140763A2] 1. Plant for treating a combustible material by circulating hot gases, comprising an elongated reaction chamber (1) having a flat bottom (13) and provided at an upstream end (2) with means for loading the material in the form of a layer (4) which moves along the flat bottom (13) as far as a downstream end (12) for discharging the treated material, the reaction chamber (1) being associated with at least one circuit for circulating hot gases through the layer (4) of material, which circuit has means (18) for introducing the hot gases above the layer (4) of material and means (6) for sucking the gases through at least one permeable section (15) arranged in the bottom (13), at least on the downstream side, which plant comprises an element (8) for controlling the flow of the treated material at an adjustable rate, which element is located so as to project in relation to the plane of the bottom (13) at the downstream end (16) of the latter, a means for measuring the temperature of the gases sucked in below the layer (4) of material at the downstream end (12) of the bottom (13) and a means for adjusting, via the control element (8), the rate at which the treated material is discharged, in accordance with the variations in the measured temperature  $t$  of the gases with respect to a predetermined level  $t'$  corresponding to the optimum operating conditions.

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IPC 8 full level  
**C10J 3/20** (2006.01); **C10J 3/34** (2006.01); **C10J 3/66** (2006.01)

CPC (source: EP)  
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Cited by  
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