

Title (en)  
FLUID-BED INCINERATOR

Publication  
**EP 0434945 A3 19920527 (EN)**

Application  
**EP 90121485 A 19901109**

Priority  
IT 1262189 A 19891228

Abstract (en)  
[origin: EP0434945A2] The invention relates to a fluid-bed incinerator comprising a kiln with its combustion chamber being formed with a gas-pervious hearth (6), and which is provided with means (21) for loading into the combustion chamber any refuse to be incinerated above the hearth (6), and with means (4, 5) for feeding through the gas-pervious hearth (6) an upward combustion air flow, and also with means (22) for feeding chemical reagents into the said combustion chamber. According to the invention, the hearth (6) is formed with a centrally located outlet opening (106) which is connected to a delivery duct (9), means (26) being provided for feeding cold air into the combustion chamber in kiln (1), through the delivery duct (9) and the outlet opening (106) in hearth (6), and means (27) being provided for the delivery duct (9) to be put under vacuum by a suction device located in the last section of the delivery duct (9). <IMAGE>

IPC 1-7  
**F23G 5/30**; **F23J 7/00**; **F23J 1/00**; **F23G 5/16**; **F23J 15/00**

IPC 8 full level  
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