Title (en)

SYSTEM FOR FEEDING A FURNACE SO AS TO FILTER GAS PARTICLES TO CONDENS THE VOLATILE PRODUCTS AND TO RETURN THEM TO THE FURNACE

Publication

EP 0179195 B1 19900926 (FR)

Application

EP 85107149 A 19850611

Priority

CA 466016 A 19841022

Abstract (en)

[origin: EP0179195A1] 1. Method for the treatment of gaseous effluents in order to remove the impurities therefrom, the said gaseous effluents escaping from a high temperature reactor (1), and a material in granular form (23) being supplied to the reactor, the said method being characterised in that - the material in granular form is supplied through a downwardly inclined pipe (13), provided with a conveyor (17) whereof the speed is controlled in order to supply the reactor in a manner sufficient to satisfy its requirements ; - countercurrently a stream of gaseous effluents is made to rise in said pipe (13) through the material in granular form (23) and the supply rate of the material in granular form and the speed of the gaseous effluents are controlled independently such that the particles present in the gaseous effluents are substantially all arrested by the material in granular form and returned to the high temperature reactor and the purified gaseous effluents are allowed to leave the reactor.

IPC 1-7

F23J 15/00; G21F 9/32

IPC 8 full level

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