

Title (en)
A PROCESS FOR THE INCINERATION OF SOLID COMBUSTIBLE MATERIAL

Title (de)
EIN VERFAHREN ZUR VERBRENNUNG VOM FESTBRENNSTOFF

Title (fr)
PROCEDE D'INCINERATION DE MATIERE COMBUSTIBLE SOLIDE

Publication
EP 1274961 B1 20060614 (EN)

Application
EP 00918617 A 20000421

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Abstract (en)
[origin: WO0181827A1] This invention relates to a method for incinerating solid combustible material in an incineration zone in an incineration reactor. The method of this invention comprises the steps of adjusting at least one of the charging to or the feeding of the combustible material through the incineration zone so as to maintain the amount of material in the incineration zone substantially constant, comprising the steps of (1) measuring an over-all gas pressure $P_{<i>}$ in the incineration zone, (2) measuring a primary gas pressure below the carrier for the combustible material $P_{<g>}$, (3) determining $\Delta P_{<r>} = P_{<i>} - P_{<g>}$ (4) determining $\Delta P_{<ro>}$ which is the pressure difference over the carrier that corresponds to the optimum amount of material in the incineration zone, (5) calculating the difference ΔP between $\Delta P_{<ro>}$ and $\Delta P_{<r>}$, (6) minimising ΔP by adjusting the speed of the charging or the feeding of the combustible material to or through the incineration zone.

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