

Title (en)

PROCESS FOR INCINERATING SOLID WASTES AND A PROCESS FOR TREATING SOLID WASTES AND A PROCESS FOR TREATING GASES GENERATED THROUGH INCINERATION OF THESE WASTES

Publication

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Application

EP 91914869 A 19910627

Priority

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- US 64526291 A 19910124

Abstract (en)

[origin: WO9200491A1] The present invention relates to a process for incinerating burnable wastes, such as plastics, accompanied by treating the gases generated through incinerating burnable wastes, characterized in that the energy of an explosive is used to initiate the combustion of the said burnable wastes, such as plastics embedded in the land, thereby simultaneously forming combustion chambers for primary combustion, supplying fuels (1) and an oxidizing gas (2) into said chambers whereby incineration is carried out while discharging gases (3) generated through incineration to above the surface of the land, subjecting the said gases generated through incineration to oxidation in the presence of a catalyst (4), whereby the toxic gases such as CO, COC12, and dioxin contained therein are converted into CO2 H2O, HCl, and SOx, which are then generally treated.

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