

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

**EP 0489910 A4 19930721 (EN)**

Application

**EP 91914869 A 19910627**

Priority

- JP 17069990 A 19900627
- 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.

IPC 1-7

**F23G 5/00; F23J 11/00**

IPC 8 full level

**B01D 53/94** (2006.01); **B01D 53/86** (2006.01); **B09B 3/00** (2006.01); **B09C 1/06** (2006.01); **F23G 7/06** (2006.01); **F23G 7/07** (2006.01); **F23G 7/12** (2006.01); **F23G 7/14** (2006.01)

CPC (source: EP)

**B09C 1/06** (2013.01); **F23G 7/07** (2013.01); **F23G 7/12** (2013.01); **F23G 7/14** (2013.01); **B09C 2101/00** (2013.01)

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CN107350275A

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**WO 9200491 A1 19920109**; AU 8390591 A 19920123; CA 2065359 A1 19911228; CA 2065359 C 19990921; EP 0489910 A1 19920617; EP 0489910 A4 19930721; JP 3094449 B2 20001003; JP H06503872 A 19940428

DOCDB simple family (application)

**US 9104602 W 19910627**; AU 8390591 A 19910627; CA 2065359 A 19910627; EP 91914869 A 19910627; JP 51362491 A 19910627