Title (en)

INSTALLATION FOR THERMOLYSIS PROCESSING OF WASTE WITH FUMES THAT HAVE A LOW FREE OXYGEN CONTENT

Title (de)

ANLAGE ZUR THERMOLYSE VON ABFALL MIT EINEM RAUCHGAS MIT NIEDRIGEM GEHALT AN FREIEM SAUERSTOFF

Title (fr)

INSTALLATION DE TRAITEMENT THERMOLYTIQUE DE DECHETS AVEC DES FUMEES A FAIBLE TENEUR EN OXYGENE LIBRE

Publication

EP 1080164 A1 20010307 (FR)

Application

EP 99973715 A 19990225

Priority

FR 9900428 W 19990225

Abstract (en)

[origin: WO0050537A1] The installation comprises: a thermolysis chamber (12), a combustion chamber (19) that is connected to the thermolysis chamber for the combustion of thermolysis gas and to provide a supply of combustion gas, a turbulent burner (18) mounted on the combustion chamber (19) for the combustion of gas resulting from the thermolysis chamber (12), an afterburn chamber (23) that is connected to the combustion chamber (19) so that part of the combustion gas produced in said chamber can undergo post-combustion, whereby the other part of the gas is introduced into the thermolysis chamber (12), a preheated combustive oxygen supply line (22) for the burner (18) and means for adjusting the amount of oxygen that is supplied to the burner (18) of the combustion chamber (19) in order to produce combustion gas that is practically devoid of free oxygen at the exit thereof.

IPC 1-7 (main, further and additional classification)

C10B 53/00; C10B 1/04; C10B 7/14

IPC 8 full level (invention and additional information)

C10B 1/04 (2006.01); **C10B 7/14** (2006.01); **C10B 53/00** (2006.01)

CPC (invention and additional information)

C10B 1/04 (2013.01); **C10B 7/14** (2013.01); **C10B 53/00** (2013.01); Y02E 20/12 (2013.01); Y02P 20/129 (2015.11)

Citation (search report)

See references of WO 0050537A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL PT SE

EPO simple patent family

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- Kind Code of Ref Document : A1
- Designated State(s) : AT BE CH DE DK ES FR GB GR IT LI NL PT SE