

Title (en)

Plant for treating refuse by pyrolysis and for producing energy by means of said treatment

Title (de)

Anlage zur Aufbereitung von Müll durch Pyrolyse und zur Energieerzeugung durch diese Aufbereitung

Title (fr)

Installation pour le traitement d'ordures par pyrolyse et pour la production d' énergie avec ledit traitement

Publication

EP 1296095 B1 20101124 (EN)

Application

EP 02020349 A 20020912

Priority

IT MI20011981 A 20010924

Abstract (en)

[origin: EP1296095A2] A plant for treating solid and/or liquid refuse comprises an environment or reactor (1) in which pyrolysis of the refuse takes place, said reactor (1) being connected to and fed by refuse feed means (9), means (13) for feeding a combustion support and means (8, 8V) for feeding an oxidizing agent. The refuse feed means (9) comprise micro-disintegrating means (76, 80) and pre-gasification means (2, 5) to enable the liquid refuse to be transformed into the gaseous phase and the solid refuse to be transformed into the liquid and/or gaseous phase before their entry into the reactor (1) and before their pyrolysis, this latter hence taking place within the entire refuse mass fed into the reactor (1). Means are provided to recover inert products of the pyrolysis and to recover gas produced by this latter. <IMAGE>

IPC 8 full level

F23G 5/00 (2006.01); **F23G 5/02** (2006.01); **F23G 5/50** (2006.01); **F23J 15/00** (2006.01)

CPC (source: EP)

F23G 5/006 (2013.01); **F23G 5/02** (2013.01); **F23G 5/50** (2013.01); **F23J 15/006** (2013.01); **F23G 2201/301** (2013.01); **F23G 2201/40** (2013.01); **F23G 2201/80** (2013.01)

Cited by

ITVI20080168A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1296095 A2 20030326; **EP 1296095 A3 20031112**; **EP 1296095 B1 20101124**; AT E489584 T1 20101215; CY 1111306 T1 20150805; DE 60238377 D1 20110105; DK 1296095 T3 20110228; ES 2355710 T3 20110330; IT MI20011981 A0 20010924; IT MI20011981 A1 20030324; PT 1296095 E 20110208

DOCDB simple family (application)

EP 02020349 A 20020912; AT 02020349 T 20020912; CY 111100185 T 20110214; DE 60238377 T 20020912; DK 02020349 T 20020912; ES 02020349 T 20020912; IT MI20011981 A 20010924; PT 02020349 T 20020912