

Title (en)

Process and plant having a preheating unit for the pyrolysis of waste.

Title (de)

Verfahren und Vorrichtung zur Pyrolyse von Abfällen mit einer Vorwärmeinheit.

Title (fr)

Procédé et installation de pyrolyse de déchets ayant une unité de préchauffage.

Publication

EP 0685550 A1 19951206 (FR)

Application

EP 95401176 A 19950519

Priority

FR 9406661 A 19940530

Abstract (en)

In a pyrolysis installation with a rotary pyrolysis furnace (1), the furnace (1) is connected by a sealed connection (10) to an upstream solids preheating arrangement (2) having at least two zones (2a,b) in which the solids are preheated to different temps., and a gas extraction device (12), into which pyrolysis gas passes after passage through at least one of the zones (2a,b). Also claimed is a solids pyrolysis process involving preheating the solids to different temps. and self-cleaning of the pyrolysis gas by percolation relative to the preheating stage. <IMAGE>

IPC 1-7

C10B 1/10; **C10B 53/00**; **C10B 7/00**; **C10B 7/04**; **F27B 7/20**; **F28D 7/12**; **F26B 11/04**; **F26B 7/00**

IPC 8 full level

C10B 1/10 (2006.01); **C10B 7/00** (2006.01); **C10B 7/04** (2006.01); **C10B 47/30** (2006.01); **C10B 53/00** (2006.01); **F26B 11/04** (2006.01); **F26B 17/26** (2006.01); **F28F 5/02** (2006.01)

CPC (source: EP US)

C10B 1/10 (2013.01 - EP US); **C10B 7/00** (2013.01 - EP US); **C10B 7/04** (2013.01 - EP US); **C10B 47/30** (2013.01 - EP US); **C10B 53/00** (2013.01 - EP US); **F26B 11/0445** (2013.01 - EP US); **F26B 17/26** (2013.01 - EP US); **F28F 5/02** (2013.01 - EP US)

Citation (applicant)

FR 2668774 A1 19920507 - INST FRANCAIS DU PETROLE [FR]

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE GB IT LI NL

DOCDB simple family (publication)

EP 0685550 A1 19951206; **EP 0685550 B1 19990825**; AT E183769 T1 19990915; CN 1105870 C 20030416; CN 1113309 A 19951213; DE 69511625 D1 19990930; DE 69511625 T2 19991209; FR 2720479 A1 19951201; FR 2720479 B1 19960712; PL 179990 B1 20001130; PL 308840 A1 19951211; US 5791267 A 19980811

DOCDB simple family (application)

EP 95401176 A 19950519; AT 95401176 T 19950519; CN 95105868 A 19950530; DE 69511625 T 19950519; FR 9406661 A 19940530; PL 30884095 A 19950530; US 45126695 A 19950530