

Title (en)

Internally heated rotary kiln for the pyrolysis of waste.

Title (de)

Intern beheizter Drehofen zur Pyrolyse von Abfällen.

Title (fr)

Four tournant de pyrolyse de déchets avec chauffage interne.

Publication

**EP 0685551 A1 19951206 (FR)**

Application

**EP 95401177 A 19950519**

Priority

FR 9406660 A 19940530

Abstract (en)

In a rotary solids heat treatment furnace (1) which contains a longitudinally extending heating arrangement (9) and which has a longitudinal solids travel distance of about twice the length of the furnace interior, the novelty is that the heating arrangement (9) is fixed and provides piping of and preheating and/or heating of the solids. <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**

IPC 8 full level

**C10B 1/10** (2006.01); **F26B 11/02** (2006.01); **F26B 11/04** (2006.01); **F28F 5/00** (2006.01)

CPC (source: EP US)

**C10B 1/10** (2013.01 - EP US); **F26B 11/026** (2013.01 - EP US); **F26B 11/0413** (2013.01 - EP US); **F26B 11/045** (2013.01 - EP US); **F28F 5/00** (2013.01 - EP US)

Citation (applicant)

- FR 2668774 A1 19920507 - INST FRANCAIS DU PETROLE [FR]
- DE 2903280 A1 19800828 - VOELSKOW PETER

Citation (search report)

- [Y] US 1508578 A 19240916 - ARNOLD RUHR
- [Y] EP 0072164 A2 19830216 - BRITISH NUCLEAR FUELS PLC [GB]
- [A] EP 0446930 A1 19910918 - WAYNE TECHNOLOGY INC [US]
- [A] US 3481720 A 19691202 - BENNETT JOHN D
- [A] EP 0056931 A1 19820804 - VOEST ALPINE AG [AT]
- [A] US 4066024 A 19780103 - O'CONNOR CHADWELL

Designated contracting state (EPC)

AT BE CH DE GB IT LI NL

DOCDB simple family (publication)

**EP 0685551 A1 19951206**; **EP 0685551 B1 19990825**; AT E183770 T1 19990915; CN 1113310 A 19951213; CN 1118665 C 20030820; DE 69511626 D1 19990930; DE 69511626 T2 19991209; FR 2720487 A1 19951201; FR 2720487 B1 19960712; PL 178782 B1 20000630; PL 308842 A1 19951211; US 5644997 A 19970708

DOCDB simple family (application)

**EP 95401177 A 19950519**; AT 95401177 T 19950519; CN 95105869 A 19950530; DE 69511626 T 19950519; FR 9406660 A 19940530; PL 30884295 A 19950530; US 45456395 A 19950530