

Title (en)

Method for gasifying organic material and device applied thereby

Title (de)

Verfahren und Vorrichtung zur Vergasung von organischem Material

Title (fr)

Procédé et appareil pour la gazéification de particules organiques

Publication

**EP 1566429 A1 20050824 (EN)**

Application

**EP 05075254 A 20050201**

Priority

BE 200400081 A 20040211

Abstract (en)

Method for gasifying organic material in a reactor (2) in which particles (26) are provided, made of a material with a large thermal capacity, characterised in that this method consists of gasifying the organic material by means of heating in a gasification chamber (17) in the reactor (2); of letting a gas flow through the reactor (2), from an inlet (7) to an outlet (8); of letting the particles (26) circulate through the reactor (2), in counterflow with the above-mentioned gas; and of collecting the gasified organic material at the above-mentioned outlet (8). <IMAGE>

IPC 1-7

**C10J 3/48**; **C10J 3/74**

IPC 8 full level

**C10J 3/48** (2006.01); **C10J 3/74** (2006.01)

CPC (source: EP US)

**C10J 3/482** (2013.01 - EP US); **C10J 3/74** (2013.01 - EP US); **C10J 2300/1246** (2013.01 - EP US)

Citation (search report)

- [A] WO 9732945 A1 19970912 - SEVAR ENTSORGUNG [DE], et al
- [A] US 4157245 A 19790605 - MITCHELL DAVID S [US], et al
- [A] US 2602019 A 19520701 - ODELL WILLIAM W
- [A] US 5306481 A 19940426 - MANSOUR MOMTAZ NOSSHI [US], et al

Cited by

EP1961698A3; ES2319026A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1566429 A1 20050824**; BE 1015904 A3 20051108; US 2005172558 A1 20050811

DOCDB simple family (application)

**EP 05075254 A 20050201**; BE 200400081 A 20040211; US 4878905 A 20050203