

Title (en)

Vitrification of inerts and purification of the gas from the pyrogasification of waste

Title (de)

Versiegelung von Inertabfällen, und Reinigung der Gase, die bei der Pyrovergasung von Abfällen entstehen

Title (fr)

Vitrification des inertes et épuration du gaz issu de la pyrogazéification de déchets

Publication

EP 2679658 B1 20190123 (FR)

Application

EP 13173664 A 20130625

Priority

FR 1201801 A 20120626

Abstract (en)

[origin: EP2679658A1] The method involves introducing a bubbling tub (2) containing melted mineral compounds, into a chamber (1), where the mineral compounds is maintained at temperature of about 1100/1400 degree Celsius. The tub is in contact with fuel gas flow and solid particles in suspension. The solid particles are collected and melted in the tub. The mineral compounds are continually removed from the tub having integrated solid particles, and vitrified by contact with a cold liquid such that purified fuel gas is recovered at an outlet of the chamber. An independent claim is also included for a fuel gas purifying plant.

IPC 8 full level

C10J 3/00 (2006.01); **B01D 47/02** (2006.01); **F23G 5/027** (2006.01); **F23J 15/02** (2006.01)

CPC (source: EP)

C10K 3/003 (2013.01); **C10K 3/008** (2013.01); **F23J 15/02** (2013.01); **C10B 53/00** (2013.01); **F23G 2201/303** (2013.01); **F23G 2201/40** (2013.01); **F23G 2202/20** (2013.01); **F23J 2900/15002** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2679658 A1 20140101; **EP 2679658 B1 20190123**; FR 2992228 A1 20131227

DOCDB simple family (application)

EP 13173664 A 20130625; FR 1201801 A 20120626