

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)

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