

Title (en)

REACTOR FOR OBTAINING GAS FROM BIOMASS OR ORGANIC RESIDUES

Title (de)

REAKTOR ZUR GEWINNUNG EINES GASES AUS EINER BIOMASSE ODER ORGANISCHEN RESTEN

Title (fr)

RÉACTEUR POUR L'OBTENTION DE GAZ À PARTIR DE BIOMASSE OU DE RÉSIDUS ORGANIQUES

Publication

**EP 2881451 B1 20181010 (EN)**

Application

**EP 12882622 A 20120806**

Priority

ES 2012070607 W 20120806

Abstract (en)

[origin: EP2881451A1] The invention relates to a reactor for obtaining gas from biomass or organic residues and to a method for obtaining gas in said reactor in which the process is produced in a single rotatory horizontal reactor, wherein the stages occur in internal sections separated by helical spirals and, by analysing the synthesis gases by means of a gas chromatograph positioned at the output of the reactor, it is possible to vary the method parameters.

IPC 8 full level

**F23G 5/20** (2006.01); **C10J 3/00** (2006.01); **C10J 3/72** (2006.01)

CPC (source: EP)

**C10J 3/002** (2013.01); **C10J 3/005** (2013.01); **C10J 3/007** (2013.01); **C10J 3/723** (2013.01); **F23G 5/20** (2013.01); **C10J 2200/152** (2013.01); **C10J 2300/0916** (2013.01); **C10J 2300/0946** (2013.01); **C10J 2300/0956** (2013.01); **C10J 2300/1246** (2013.01); **F23G 2203/208** (2013.01); **F23G 2203/21** (2013.01); **F23G 2209/26** (2013.01); **F23G 2900/50204** (2013.01); **F23G 2900/52001** (2013.01)

Cited by

ES2693843A1; WO2018056922A3

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 2881451 A1 20150610**; **EP 2881451 A4 20160323**; **EP 2881451 B1 20181010**; ES 2704081 T3 20190314; WO 2014023854 A1 20140213

DOCDB simple family (application)

**EP 12882622 A 20120806**; ES 12882622 T 20120806; ES 2012070607 W 20120806