

Title (en)

DEVICE FOR SOLAR THERMAL GASIFICATION OF CARBONACEOUS FEEDSTOCK

Title (de)

VORRICHTUNG ZUR SOLARTHERMISCHEN VERGASUNG VON KOHLENSTOFFHALTIGEM EINSATZMATERIAL

Title (fr)

DISPOSITIF DE GAZÉIFICATION SOLAIRE THERMIQUE DE LA MATIÈRE CARBONÉE

Publication

EP 2989184 A1 20160302 (DE)

Application

EP 14726760 A 20140415

Priority

- AT 3422013 A 20130423
- IB 2014000545 W 20140415

Abstract (en)

[origin: WO2014174351A1] The invention relates to a device for the solar thermal gasification of starting material containing carbon, comprising a solar reactor (1), which has least one, preferably a plurality of light-transmissive windows (2) for introducing concentrated solar radiation and a gasification chamber (9) having a preferably rectangular bottom and accommodating means for the starting material (21), wherein the accommodating means are formed by at least one preferably elongated drawer (7, 8, 20, 21, 22, 23) that can be moved in relation to the gasification chamber.

IPC 8 full level

F23G 5/027 (2006.01); **C10J 3/30** (2006.01); **C10J 3/36** (2006.01); **F23G 5/44** (2006.01)

CPC (source: AT EP MX US)

C10J 3/20 (2013.01 - AT); **C10J 3/30** (2013.01 - AT EP MX US); **C10J 3/36** (2013.01 - AT EP MX US); **F23G 5/0276** (2013.01 - AT EP MX US); **F23G 5/448** (2013.01 - AT EP MX US); **C10J 2200/15** (2013.01 - MX US); **C10J 2200/154** (2013.01 - EP MX US); **C10J 2300/1284** (2013.01 - MX US); **C10J 2300/1292** (2013.01 - AT EP MX US); **F23G 2203/8016** (2013.01 - EP MX US); **F23G 2900/50803** (2013.01 - EP MX US); **F23G 2900/54001** (2013.01 - EP MX US)

Citation (search report)

See references of WO 2014174351A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014174351 A1 20141030; **WO 2014174351 A8 20150226**; AR 096044 A1 20151202; AT 514211 A1 20141115; AT 514211 B1 20170315; AU 2014259104 A1 20151112; EP 2989184 A1 20160302; EP 2989184 B1 20170329; MX 2015014837 A 20160726; US 2016068769 A1 20160310

DOCDB simple family (application)

IB 2014000545 W 20140415; AR P140101649 A 20140421; AT 3422013 A 20130423; AU 2014259104 A 20140415; EP 14726760 A 20140415; MX 2015014837 A 20140415; US 201414785398 A 20140415