

Title (en)
GASIFIED-GAS GENERATION SYSTEM

Title (de)
ERZEUGUNGSSYSTEM FÜR GASIFIZIERTES GAS

Title (fr)
SYSTÈME DE GÉNÉRATION DE GAZ GAZÉIFIÉ

Publication
EP 2977432 A1 20160127 (EN)

Application
EP 14768575 A 20140319

Priority
• JP 2013057509 A 20130321
• JP 2014057554 W 20140319

Abstract (en)
A gasified-gas generation system (100) includes: a combustor (110) that heats a fluid medium; a gasifier (140) into which the fluid medium heated by the combustor (110) is introduced and which gasifies a gasification material with heat of the fluid medium so as to generate a gasified gas; and a cooling mechanism (160) that cools the fluid medium that flows between the gasifier (140) and the combustor (110). The fluid medium circulates between the combustor (110) and the gasifier (140). The fluid medium and a residue of the gasification material are introduced from the gasifier (140) into the combustor (110), and the combustor (110) burns the residue to heat the fluid medium.

IPC 8 full level
C10J 3/54 (2006.01)

CPC (source: EP US)
C10J 3/482 (2013.01 - EP US); **C10J 3/485** (2013.01 - US); **C10J 3/723** (2013.01 - EP US); **C10J 2200/09** (2013.01 - US); **C10J 2300/0976** (2013.01 - EP US); **C10J 2300/0993** (2013.01 - EP US); **C10J 2300/1246** (2013.01 - EP US); **C10J 2300/1606** (2013.01 - EP US); **C10J 2300/1637** (2013.01 - EP US); **C10J 2300/1807** (2013.01 - EP US); **C10J 2300/1853** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2015353849 A1 20151210; AU 2014239350 A1 20150910; AU 2014239350 B2 20160616; CN 104955923 A 20150930; CN 104955923 B 20161130; EP 2977432 A1 20160127; EP 2977432 A4 20161116; EP 2977432 B1 20180905; JP 2014181306 A 20140929; JP 6111769 B2 20170412; NZ 710997 A 20160729; PL 2977432 T3 20190131; WO 2014148556 A1 20140925; ZA 201506232 B 20161221

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US 201514827801 A 20150817; AU 2014239350 A 20140319; CN 201480007222 A 20140319; EP 14768575 A 20140319; JP 2013057509 A 20130321; JP 2014057554 W 20140319; NZ 71099714 A 20140319; PL 14768575 T 20140319; ZA 201506232 A 20150826