

Title (en)  
RENEWABLE BLENDED NATURAL GAS AND ROCK WOOL PRODUCTION FROM A PLASMA BASED SYSTEM

Title (de)  
ERNEUERBARES MISCHERD GAS UND HERSTELLUNG VON STEINWOLLE AUS EINEM SYSTEM AUF PLASMABASIS

Title (fr)  
PRODUCTION DE GAZ NATUREL MÉLANGÉ RENOUVELABLE ET DE LAINE DE ROCHE AU MOYEN D'UN SYSTÈME À BASE DE PLASMA

Publication  
**EP 2619289 A4 20151021 (EN)**

Application  
**EP 11827083 A 20110919**

Priority  
• US 40399110 P 20100924  
• US 2011001614 W 20110919

Abstract (en)  
[origin: WO2012039752A2] A method and system for cost effectively converting a feedstock using thermal plasma or other styles of gassifiers, into an energy transfer medium using a blended gaseous fuel. The feedstock can be any organic material or inorganic combination to generate a syngas. The syngas is blended with any fuel of a higher thermal content (BTU) than the syngas. The resulting blended high thermal content fuel is used on site or reinjected into the fuel supply pipe line. Rock wool and accessory heat are produced to increase the efficiency of the plant.

IPC 8 full level  
**C10J 1/26** (2006.01); **C10L 3/00** (2006.01); **C10L 3/10** (2006.01)

CPC (source: EP US)  
**B09B 3/00** (2013.01 - EP US); **B09B 3/29** (2022.01 - EP US); **C03B 5/025** (2013.01 - EP US); **C10J 3/18** (2013.01 - EP US); **C10J 3/723** (2013.01 - EP US); **C10K 1/06** (2013.01 - EP US); **C10K 3/06** (2013.01 - EP US); **C10L 3/003** (2013.01 - EP US); **C10L 3/10** (2013.01 - EP US); **C10J 2200/12** (2013.01 - EP US); **C10J 2300/0906** (2013.01 - EP US); **C10J 2300/0946** (2013.01 - EP US); **C10J 2300/0976** (2013.01 - EP US); **C10J 2300/0996** (2013.01 - EP US); **C10J 2300/1238** (2013.01 - EP US); **C10J 2300/1618** (2013.01 - EP US); **C10J 2300/1621** (2013.01 - EP US); **Y02P 20/133** (2015.11 - EP US); **Y02W 30/20** (2015.05 - EP US)

Citation (search report)  
• [X] WO 2010098859 A1 20100902 - JURANITCH JAMES CHARLES [US], et al  
• [X] US 2008135457 A1 20080612 - RIDGE RAYMOND L [US]  
• [E] WO 2012039749 A1 20120329 - JURANITCH JAMES CHARLES [US]  
• See references of WO 2012039752A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2012039752 A2 20120329; WO 2012039752 A3 20140320**; CA 2813066 A1 20120329; CA 2813066 C 20190205; EP 2619289 A2 20130731; EP 2619289 A4 20151021; US 2013326952 A1 20131212

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**US 2011001614 W 20110919**; CA 2813066 A 20110919; EP 11827083 A 20110919; US 201113825122 A 20110919