

Title (en)
METHOD OF PRODUCING POWER

Title (de)
VERFAHREN ZUR ENERGIEERZEUGUNG

Title (fr)
MÉTHODE DE PRODUCTION D'ÉLECTRICITÉ

Publication
EP 2744994 A1 20140625 (EN)

Application
EP 12850651 A 20121112

Priority
• US 201161559846 P 20111115
• US 2012064630 W 20121112

Abstract (en)
[origin: US2013119677A1] A process for producing power from a fuel stream containing at least 30 mol % hydrogen sulfide is provided. The fuel stream is combusted with an oxidant stream containing molecular oxygen to generate a combusted gas stream containing thermal power, where the molar ratio of molecular oxygen to hydrogen sulfide is at least 1:1. Electrical power is generated from the thermal power of the combusted gas stream.

IPC 8 full level
F02C 6/18 (2006.01); **F01K 23/08** (2006.01); **F01K 23/14** (2006.01); **F02C 3/22** (2006.01); **F01D 15/10** (2006.01)

CPC (source: EP US)
C10L 3/103 (2013.01 - EP US); **F01D 15/10** (2013.01 - US); **F02C 3/22** (2013.01 - EP US); **Y02E 20/16** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2013119677 A1 20130516; AU 2012339836 A1 20140515; CA 2855807 A1 20130523; CN 103998748 A 20140820; EA 201400585 A1 20141030; EP 2744994 A1 20140625; EP 2744994 A4 20150429; IN 3511CHN2014 A 20151009; WO 2013074439 A1 20130523

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US 201213678311 A 20121115; AU 2012339836 A 20121112; CA 2855807 A 20121112; CN 201280062512 A 20121112; EA 201400585 A 20121112; EP 12850651 A 20121112; IN 3511CHN2014 A 20140509; US 2012064630 W 20121112