

Title (en)
METHOD OF PRODUCING POWER

Title (de)
VERFAHREN ZUR ENERGIEERZEUGUNG

Title (fr)
MÉTHODE DE PRODUCTION D'ÉLECTRICITÉ

Publication
EP 2744994 A4 20150429 (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)

Citation (search report)
• [X] WO 2011067043 A1 20110609 - BAYER TECHNOLOGY SERVICES GMBH [DE], et al
• [A] US 2007178035 A1 20070802 - WHITE VINCENT [GB], et al
• [A] JP 2002241771 A 20020828 - ELECTRIC POWER DEV CO, et al
• See references of WO 2013074439A1

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)
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

DOCDB simple family (application)
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