

Title (en)

METHODS AND COMPOSITIONS FOR DRYING COAL

Title (de)

VERFAHREN UND ZUSAMMENSETZUNGEN ZUM TROCKNEN VON KOHLE

Title (fr)

PROCÉDÉS ET COMPOSITIONS DE SÉCHAGE DU CHARBON

Publication

EP 2638131 A4 20140618 (EN)

Application

EP 10859558 A 20101109

Priority

US 2010056045 W 20101109

Abstract (en)

[origin: WO2012064324A1] The present disclosure provides methods, compositions and systems for drying coal fines.

IPC 8 full level

C10L 9/00 (2006.01); **F26B 5/16** (2006.01)

CPC (source: EP KR)

B01J 20/24 (2013.01 - KR); **C10B 57/10** (2013.01 - KR); **C10L 5/00** (2013.01 - KR); **C10L 9/00** (2013.01 - EP); **F26B 5/16** (2013.01 - EP); **F26B 1/00** (2013.01 - EP); **F26B 5/08** (2013.01 - EP); **F26B 2200/08** (2013.01 - EP)

Citation (search report)

[XA] US 4795735 A 19890103 - LIU PAUL K T [US], et al

Citation (examination)

- EP 0464788 A1 19920108 - NIPPON ZEON CO [JP]
- DZINOMWA G P T ET AL: "FINE COAL DEWATERING USING PH- AND TEMPERATURE-SENSITIVE SUPERABSORBENT POLYMERS", POLYMERS FOR ADVANCED TECHNOLOGIES, WILEY & SONS, BOGNOR REGIS, GB, vol. 8, no. 12, 1 December 1997 (1997-12-01), pages 767 - 772, XP000727599, ISSN: 1042-7147, DOI: 10.1002/(SICI)1099-1581(199712)8:12<767::AID-PAT717>3.3.CO;2-7
- ANONYMOUS: "Activated alumina - Wikipedia, the free encyclopedia", 12 May 2010 (2010-05-12), XP055263553, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=Activated_alumina&oldid=361658657> [retrieved on 20160407]
- See also references of WO 2012064324A1

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 2012064324 A1 20120518; AP 2013006919 A0 20130630; AU 2010363641 A1 20130502; AU 2010363641 B2 20161020; BR 112013011469 A2 20160809; CA 2817309 A1 20120518; CA 2817309 C 20180213; CN 103403132 A 20131120; CN 103403132 B 20160316; EA 026311 B1 20170331; EA 201390677 A1 20140530; EP 2638131 A1 20130918; EP 2638131 A4 20140618; IL 226202 A0 20130731; JP 2013544299 A 20131212; KR 20140045297 A 20140416; MX 2013005266 A 20130613; RU 2013126220 A 20141220; SG 190208 A1 20130731; TN 2013000201 A1 20141110; ZA 201304122 B 20140827

DOCDB simple family (application)

US 2010056045 W 20101109; AP 2013006919 A 20101109; AU 2010363641 A 20101109; BR 112013011469 A 20101109; CA 2817309 A 20101109; CN 201080071077 A 20101109; EA 201390677 A 20101109; EP 10859558 A 20101109; IL 22620213 A 20130507; JP 2013537649 A 20101109; KR 20137014778 A 20101109; MX 2013005266 A 20101109; RU 2013126220 A 20101109; SG 2013035423 A 20101109; TN 2013000201 A 20130508; ZA 201304122 A 20130605