



(43) International Publication Date
16 May 2013 (16.05.2013)

(10) International Publication Number
WO 2013/070160 A1

(51) International Patent Classification:

C13K 1/02 (2006.01) *C08H 8/00* (2010.01)
B01D 11/02 (2006.01) *C12P 19/02* (2006.01)
B01J 3/00 (2006.01) *D21C 9/00* (2006.01)
C07H 1/08 (2006.01)

(21) International Application Number:

PCT/SE2012/051215

(22) International Filing Date:

8 November 2012 (08.11.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1151046-8	8 November 2011 (08.11.2011)	SE
61/557,029	8 November 2011 (08.11.2011)	US
1151047-6	8 November 2011 (08.11.2011)	SE
61/556,969	8 November 2011 (08.11.2011)	US
1151048-4	8 November 2011 (08.11.2011)	SE
61/557,026	8 November 2011 (08.11.2011)	US
1151049-2	8 November 2011 (08.11.2011)	SE
61/556,973	8 November 2011 (08.11.2011)	US

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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: LIQUEFACTION OF BIOMASS AT LOW PH

(57) Abstract: The present invention relates to regulation of the p H of a liquefaction process. Presented is a method for treatment of a biomass feedstock wherein the biomass feedstock is subjected to liquefaction, at a p H of at most 4, by treatment with hot compressed liquid water (HCW) at subcritical and/or supercritical conditions to improve the conversion efficiency. The present invention is also directed to quenching of a liquefaction process according to above, preventing, minimizing or eliminating clogging and/or fouling of sticky biomass components in process equipment during processing as according to above, and to the use of additives in a biomass liquefaction process.



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