



(43) International Publication Date
11 December 2014 (11.12.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/195364 A1

(51) International Patent Classification:

C02F 1/28 (2006.01) *C02F 1/44* (2006.01)
B01D 61/04 (2006.01) *C02F 101/34* (2006.01)

(21) International Application Number:

PCT/EP2014/061595

(22) International Filing Date:

4 June 2014 (04.06.2014)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

13170484.3 4 June 2013 (04.06.2013) EP

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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, IR, IS, JP, KE, KG, 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, SA, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

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

(54) Title: PROCESS FOR REDUCING THE TOTAL ORGANIC CARBON IN WASTEWATER

(57) Abstract: The present invention relates to a process for reducing the total organic carbon (TOC) in an aqueous mixture M1 obtained as wastewater from a process for the preparation of an olefin oxide, the process for reducing the TOC comprising: (a) contacting the mixture M1 which contains at least one oxygenate having from 1 to 16 carbon atoms with an adsorbing agent and adsorbing at least a portion of an oxygenate at the adsorbing agent; (b) separating an aqueous mixture M2 from the adsorbing agent, the mixture M2 being depleted of the oxygenate adsorbed in (a); and (c) separating an oxygenate from the mixture M2 obtained in (b) by subjecting the mixture M2 to reverse osmosis in at least one reverse osmosis unit containing a reverse osmosis membrane obtaining an aqueous mixture M3 being depleted of this oxygenate.



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