

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
04 February 2021 (04.02.2021)



(10) International Publication Number
WO 2021/018715 A1

(51) International Patent Classification:

C07C 29/86 (2006.01) C07F 9/53 (2006.01)

(21) International Application Number:

PCT/EP2020/070765

(22) International Filing Date:

23 July 2020 (23.07.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

19188881.7 29 July 2019 (29.07.2019) 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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, ST, 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).

(54) Title: EXTRACTION OF ALIPHATIC ALCOHOLS

(57) Abstract: The present invention relates to a method of extracting an aliphatic alcohol, preferably containing 5 to 16 carbon atoms, from an aqueous medium, the method comprising: (a) contacting the aliphatic alcohol in the aqueous medium with at least one extracting medium for a time sufficient to extract the aliphatic alcohol from the aqueous medium into the extracting medium, (b) separating the extracting medium with the extracted aliphatic alcohol from the aqueous medium wherein the extracting medium comprises: - at least one trialkyl-phosphine-oxide, preferably trioctyl-phosphine-oxide, and optionally at least one alkane, and wherein the aliphatic alcohol is produced from a carbon source by contacting the carbon source with at least one microorganism capable of converting the carbon source to the aliphatic alcohol.



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