

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
09 March 2023 (09.03.2023)



(10) International Publication Number
WO 2023/030939 A1

(51) International Patent Classification:

C08G 63/91 (2006.01) *C08G 63/48* (2006.01)
C10L 1/238 (2006.01) *C10L 1/198* (2006.01)
C09K 8/035 (2006.01) *C10L 10/16* (2006.01)
C09K 8/524 (2006.01) *C08K 5/01* (2006.01)
C08G 63/06 (2006.01) *C08L 91/06* (2006.01)

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *of inventorship (Rule 4.17(iv))*

(21) International Application Number:

PCT/EP2022/073281

Published:

- *with international search report (Art. 21(3))*

(22) International Filing Date:

22 August 2022 (22.08.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

21193760.2 30 August 2021 (30.08.2021) 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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, 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,

(54) Title: HYPERBRANCHED POLYESTERS MODIFIED WITH BRANCHED FATTY ACIDS AND THEIR USE AS PARAFFIN
INHIBITORS

(57) Abstract: Hydrophobically modified, hyperbranched polyesters obtainable by a 2-step process of reacting a mixture comprising at least a polyol comprising at least 3 hydroxy groups and a monomer comprising one carboxylic acid group and at least two hydroxy groups, thereby obtaining a hyperbranched polyester comprising terminal hydroxy groups and at least partly esterifying the terminal hydroxy groups with a mixture of carboxylic acids comprising at least linear saturated aliphatic carboxylic acids groups and branched saturated aliphatic carboxylic acids groups. Formulations comprising hydrocarbons and such polyesters and to the use of such hydrophobically modified, hyperbranched polyesters or formulations thereof, as pour- point depressant or wax inhibitor for crude oil.



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