

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

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2018/178674 A1

(43) International Publication Date
04 October 2018 (04.10.2018)

(51) International Patent Classification:

C10L 1/19 (2006.01) *C10L 10/08* (2006.01)
C10L 10/04 (2006.01) *C10L 10/16* (2006.01)
C10L 10/06 (2006.01)

Published:

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

(21) International Application Number:

PCT/GB2018/050827

(22) International Filing Date:

28 March 2018 (28.03.2018)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

1705147.5 30 March 2017 (30.03.2017) GB
1801178.3 24 January 2018 (24.01.2018) GB

(71) Applicant: INNOSPEC LIMITED [GB/GB]; Innospec
Manufacturing Park, Oil Sites Road, Ellesmere Port
Cheshire CH65 4EY (GB).

(72) Inventors: PETTS, Matthew; 23 Manna Drive, Elton,
Chester CH2 4RP (GB). **LE MANQUAIS, Katherine**; c/o
Innospec Limited, Innospec Manufacturing Park, Oil Sites
Road, Ellesmere Port Cheshire CH65 4EY (GB). **ROSS,
Alan Norman**; 6 Weston Park, Standish Lower Ground,
Wigan WN6 8LE (GB).

(74) Agent: APPLEYARD LEES IP LLP; 15 Clare Road, Hal-
ifax Yorkshire HX1 2HY (GB).

(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, 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, 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, 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: METHOD AND USE

(57) Abstract: A diesel fuel composition comprising as an additive an ester compound which is the reaction product of an optionally substituted polycarboxylic acid or an anhydride thereof and an alcohol or formula ROH, wherein R is an optionally substituted hydrocarbyl group.

