

Title (en)
Improvements in fuel oils

Title (de)
Verbesserungen an Brennstoffölen

Title (fr)
Améliorations pour huiles de carburant

Publication
EP 2514803 B1 20170201 (EN)

Application
EP 12158640 A 20120308

Priority
• EP 11163381 A 20110421
• EP 12158640 A 20120308

Abstract (en)
[origin: EP2514803A1] A fuel oil composition comprises a fuel oil blend, at least one ethylene-vinyl ester polymer and at least one polyalkylmethacrylate polymer. The fuel oil blend comprises a middle-distillate fuel oil and a hydrotreated vegetable, animal or fish oil, wherein the amount of hydrotreated vegetable oil in the fuel oil blend is sufficient to provide the blend with an increase in the C 15 to C 20 n-alkane distribution of at least 3% by weight over the C 15 to C 20 n-alkane distribution of the middle-distillate alone.

IPC 8 full level
C10L 1/18 (2006.01); **C10L 1/195** (2006.01); **C10L 1/196** (2006.01); **C10L 1/197** (2006.01); **C10L 10/14** (2006.01); **C10L 10/16** (2006.01)

CPC (source: EP KR US)
C10L 1/188 (2013.01 - KR); **C10L 1/192** (2013.01 - KR); **C10L 1/1955** (2013.01 - EP US); **C10L 10/14** (2013.01 - EP US); **C10L 10/16** (2013.01 - EP US); **C10L 1/1963** (2013.01 - EP US); **C10L 1/197** (2013.01 - EP US); **C10L 1/1973** (2013.01 - EP US); **C10L 2200/0469** (2013.01 - EP US); **C10L 2230/22** (2013.01 - KR); **C10L 2270/026** (2013.01 - EP US)

Cited by
US11827815B2; US11326002B2; US11453732B2; WO2021064474A1; WO2021064473A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2514803 A1 20121024; **EP 2514803 B1 20170201**; CA 2774619 A1 20121021; CA 2774619 C 20180821; CN 102746908 A 20121024; CN 102746908 B 20160420; JP 2012224854 A 20121115; JP 5960486 B2 20160802; KR 102023194 B1 20191104; KR 20120120044 A 20121101; US 2012266524 A1 20121025

DOCDB simple family (application)
EP 12158640 A 20120308; CA 2774619 A 20120420; CN 201210118832 A 20120420; JP 2012096426 A 20120420; KR 20120040826 A 20120419; US 201213451708 A 20120420