

Title (en)

FUEL COMPOSITIONS CONTAINING TERPOLYMERS WITH IMPROVED COLD FLOW PROPERTIES

Title (de)

BRENNSTOFFZUSAMMENSETZUNGEN, ENTHALTEND TERPOLYMERE MIT VERBESSERTEN KALTFLIESSEIGENSCHAFTEN

Title (fr)

COMPOSITIONS DE COMBUSTIBLE CONTENANT DES TERPOLYMERES A PROPRIETES DE FLUIDITE A FROID AMELIOREES

Publication

EP 1627029 A1 20060222 (DE)

Application

EP 04732965 A 20040514

Priority

- EP 2004005201 W 20040514
- DE 10322163 A 20030516

Abstract (en)

[origin: WO2004101716A1] The invention relates to the use of terpolymers comprising the following as monomer constituents: a) at least one low alkene, b) at least one long-chain alpha olefin, and c) at least one polar polymerisable monomer, as additives for fuel oils and lubricants, and especially as cold flow improvers in fuel oils. The invention also relates to the fuel oils and lubricants to which said terpolymers are added, and to additive packets containing said terpolymers.

IPC 1-7

C10L 1/18; C10L 10/00; C10M 145/06

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/197** (2006.01); **C10L 1/236** (2006.01); **C10L 1/24** (2006.01); **C10M 145/08** (2006.01); **C10M 149/02** (2006.01); **C10M 151/02** (2006.01); **C10M 157/00** (2006.01); **C10M 157/04** (2006.01); **C10M 157/06** (2006.01); **C10M 161/00** (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP)

C10L 1/143 (2013.01); **C10L 1/146** (2013.01); **C10L 1/1973** (2013.01); **C10L 1/236** (2013.01); **C10L 1/2468** (2013.01); **C10M 145/08** (2013.01); **C10M 149/02** (2013.01); **C10M 151/02** (2013.01); **C10M 157/00** (2013.01); **C10M 157/04** (2013.01); **C10M 157/06** (2013.01); **C10M 161/00** (2013.01); **C10L 1/1608** (2013.01); **C10L 1/1616** (2013.01); **C10M 2203/102** (2013.01); **C10M 2205/022** (2013.01); **C10M 2205/024** (2013.01); **C10M 2205/026** (2013.01); **C10M 2205/028** (2013.01); **C10M 2209/062** (2013.01); **C10N 2020/04** (2013.01); **C10N 2030/08** (2013.01); **C10N 2070/02** (2020.05)

Citation (search report)

See references of WO 2004101716A1

Citation (examination)

US 4985048 A 19910115 - WIRTZ HERBERT [DE], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004101716 A1 20041125; DE 10322163 A1 20041202; EP 1627029 A1 20060222

DOCDB simple family (application)

EP 2004005201 W 20040514; DE 10322163 A 20030516; EP 04732965 A 20040514