

Title (en)
MIDDLE DISTILLATE COMPOSITION WITH IMPROVED COLD FLOW PROPERTIES

Publication
EP 0213879 B1 19900207 (EN)

Application
EP 86306426 A 19860819

Priority
GB 8521392 A 19850828

Abstract (en)
[origin: EP0213879A1] The cold flow properties of distillate petroleum fuel are improved by adding a polymer or copolymer containing at least 25 wt. % of an n-alkyl ester of the general formula <CHEM> wherein R1 and R2 are hydrogen or a C1 alkyl group, e.g, methyl, R4 is COOR3, hydrogen or a C1 to C4 alkyl group preferably COOR3 and R3 has an average number of carbon atoms from 12 to 20 and contains a methyl branch at the 1 and/or 2 position.

IPC 1-7
C10L 1/18

IPC 8 full level
C10L 1/14 (2006.01); **C10L 1/18** (2006.01); **C10L 1/192** (2006.01); **C10L 1/195** (2006.01); **C10L 1/197** (2006.01); **C10L 10/14** (2006.01)

CPC (source: EP)
C10L 1/143 (2013.01); **C10L 1/146** (2013.01); **C10L 1/192** (2013.01); **C10L 1/1973** (2013.01); **C10L 1/195** (2013.01); **C10L 1/1985** (2013.01)

Cited by
EP0356256A3; US5045088A; EP1640438A1; US8690969B2; US6251146B1; US6187065B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0213879 A1 19870311; **EP 0213879 B1 19900207**; AT E50282 T1 19900215; CA 1280598 C 19910226; CN 1020467 C 19930505; CN 86105416 A 19870318; DE 3668906 D1 19900315; GB 8521392 D0 19851002; JP 2606829 B2 19970507; JP S6284185 A 19870417

DOCDB simple family (application)
EP 86306426 A 19860819; AT 86306426 T 19860819; CA 516423 A 19860820; CN 86105416 A 19860828; DE 3668906 T 19860819; GB 8521392 A 19850828; JP 20262586 A 19860828