

Title (en)

ADDITIVES AND FUEL COMPOSITIONS

Title (de)

ADDITIVE UND KRAFTSTOFFZUSAMMENSETZUNGEN

Title (fr)

ADDITIFS ET COMPOSITIONS DU TYPE COMBUSTIBLE

Publication

EP 0623163 B1 19970514 (EN)

Application

EP 93902205 A 19930114

Priority

- EP 9300081 W 19930114
- GB 9200694 A 19920114

Abstract (en)

[origin: WO9314178A1] An additive composition for improving the cold flow properties of crude oils or fuel oils such as middle distillate fuel oils comprises an addition product or condensate cold flow improver additive in combination with a demulsifier.

IPC 1-7

C10L 1/14

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/192** (2006.01); **C10L 1/197** (2006.01); **C10L 1/198** (2006.01); **C10L 1/22** (2006.01); **C10L 1/222** (2006.01);
C10L 1/224 (2006.01); **C10L 10/14** (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **C10L 1/24** (2006.01)

CPC (source: EP KR)

C10L 1/14 (2013.01 - EP KR); **C10L 1/143** (2013.01 - EP); **C10L 1/146** (2013.01 - EP); **C10L 10/14** (2013.01 - EP); **C10L 1/1608** (2013.01 - EP);
C10L 1/1616 (2013.01 - EP); **C10L 1/1641** (2013.01 - EP); **C10L 1/165** (2013.01 - EP); **C10L 1/1658** (2013.01 - EP); **C10L 1/188** (2013.01 - EP);
C10L 1/1881 (2013.01 - EP); **C10L 1/1883** (2013.01 - EP); **C10L 1/189** (2013.01 - EP); **C10L 1/1895** (2013.01 - EP); **C10L 1/191** (2013.01 - EP);
C10L 1/195 (2013.01 - EP); **C10L 1/1955** (2013.01 - EP); **C10L 1/1963** (2013.01 - EP); **C10L 1/1966** (2013.01 - EP); **C10L 1/1973** (2013.01 - EP);
C10L 1/198 (2013.01 - EP); **C10L 1/1981** (2013.01 - EP); **C10L 1/1983** (2013.01 - EP); **C10L 1/1985** (2013.01 - EP); **C10L 1/1988** (2013.01 - EP);
C10L 1/221 (2013.01 - EP); **C10L 1/2222** (2013.01 - EP); **C10L 1/2225** (2013.01 - EP); **C10L 1/223** (2013.01 - EP); **C10L 1/2235** (2013.01 - EP);
C10L 1/224 (2013.01 - EP); **C10L 1/232** (2013.01 - EP); **C10L 1/2364** (2013.01 - EP); **C10L 1/2366** (2013.01 - EP); **C10L 1/2387** (2013.01 - EP);
C10L 1/2412 (2013.01 - EP); **C10L 1/2431** (2013.01 - EP); **C10L 1/2437** (2013.01 - EP); **C10L 1/2443** (2013.01 - EP); **C10L 1/245** (2013.01 - EP);
C10L 1/2475 (2013.01 - EP)

Cited by

KR100228992B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9314178 A1 19930722; AT E153051 T1 19970515; CA 2128020 A1 19930722; CA 2128020 C 20031014; DE 69310716 D1 19970619;
DE 69310716 T2 19971030; EP 0623163 A1 19941109; EP 0623163 B1 19970514; GB 9200694 D0 19920311; JP 3559038 B2 20040825;
JP H07502773 A 19950323; KR 100228936 B1 19991101; KR 940703909 A 19941212

DOCDB simple family (application)

EP 9300081 W 19930114; AT 93902205 T 19930114; CA 2128020 A 19930114; DE 69310716 T 19930114; EP 93902205 A 19930114;
GB 9200694 A 19920114; JP 51215193 A 19930114; KR 19940702422 A 19940713