

Title (en)

Use of additives in fuel compositions

Title (de)

Verwendung von Zusatzstoffen in Treibstoffzusammensetzungen

Title (fr)

Utilisation de compositions d'additifs dans un combustible

Publication

**EP 0885948 A2 19981223 (EN)**

Application

**EP 98202903 A 19940722**

Priority

- EP 94924280 A 19940722
- GB 9315205 A 19930722

Abstract (en)

Dispersant, lubricity, cetane improver and/or anti-foam additives are used in combination with copolymeric ethylene flow improver additives to enhance the cold flow properties of fuel oils.

IPC 1-7

**C10L 1/18**; **C10L 1/14**; **C10L 10/04**

IPC 8 full level

**C10L 1/12** (2006.01); **C10L 1/14** (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **C10L 1/188** (2006.01); **C10L 1/19** (2006.01); **C10L 1/22** (2006.01); **C10L 1/2383** (2006.01); **C10L 1/28** (2006.01); **C10L 10/08** (2006.01); **C10L 10/14** (2006.01); **C10L 10/18** (2006.01)

CPC (source: EP KR)

**C10L 1/14** (2013.01 - KR); **C10L 1/143** (2013.01 - EP); **C10L 10/08** (2013.01 - EP); **C10L 1/1641** (2013.01 - EP); **C10L 1/1811** (2013.01 - EP); **C10L 1/1824** (2013.01 - EP); **C10L 1/188** (2013.01 - EP); **C10L 1/19** (2013.01 - EP); **C10L 1/191** (2013.01 - EP); **C10L 1/195** (2013.01 - EP); **C10L 1/1966** (2013.01 - EP); **C10L 1/1973** (2013.01 - EP); **C10L 1/2222** (2013.01 - EP); **C10L 1/2225** (2013.01 - EP); **C10L 1/224** (2013.01 - EP); **C10L 1/231** (2013.01 - EP); **C10L 1/2383** (2013.01 - EP); **C10L 1/285** (2013.01 - EP)

Cited by

WO2005066317A1; WO2007118869A1; US9133409B2; US9212332B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 9503377 A1 19950202**; CA 2167672 A1 19950202; CA 2167672 C 20050621; DE 69420736 D1 19991021; DE 69420736 T2 20000309; DE 69420736 T3 20021107; DE 69434213 D1 20050203; DE 69434213 T2 20060126; EP 0721492 A1 19960717; EP 0721492 B1 19990915; EP 0721492 B2 20020619; EP 0885948 A2 19981223; EP 0885948 A3 19990127; EP 0885948 B1 20041229; EP 0908507 A1 19990414; GB 9315205 D0 19930908; JP H09503530 A 19970408; KR 100325574 B1 20020703; KR 960704015 A 19960831; NO 321605 B1 20060612; NO 960254 D0 19960122; NO 960254 L 19960315

DOCDB simple family (application)

**EP 9402432 W 19940722**; CA 2167672 A 19940722; DE 69420736 T 19940722; DE 69434213 T 19940722; EP 94924280 A 19940722; EP 98202903 A 19940722; EP 98204020 A 19940722; GB 9315205 A 19930722; JP 50495195 A 19940722; KR 19960700328 A 19960122; NO 960254 A 19960122