

Title (en)

Fuel oil composition

Title (de)

Kraftstoffzusammensetzung

Title (fr)

Composition de carburants

Publication

EP 1502938 B1 20100616 (EN)

Application

EP 04076708 A 20040610

Priority

- EP 04076708 A 20040610
- EP 03254230 A 20030703

Abstract (en)

[origin: EP1502938A1] A fuel oil containing a conductivity improving additive comprising the combination of: (a) a polymethacrylate, polyacrylate or polyfumarate polymer not prepared from a quaternary ammonium monomer and having a number average molecular weight of about 1,000 to 10,000,000 and either (b) a conductivity improver comprising (i) an olefin polysulfone and (ii) a polymeric polyamine reaction product of epichlorohydrin and an aliphatic primary monoamine or an N-aliphatic hydrocarbyl alkylene diamine, or the sulfonic acid salt of the polymeric polyamine reaction product or (c) a conductivity improver comprising a hydrocarbon soluble copolymer of an alkylvinyl monomer and a cationic vinyl monomer, wherein the copolymer has an alkylvinyl monomer unit to cationic vinyl monomer unit ratio of from about 1:1 to about 10:1, the copolymer having a number average molecular weight of from about 800 to about 1,000,000.

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/196** (2006.01); **C10L 1/236** (2006.01); **C10L 1/2383** (2006.01); **C10L 1/24** (2006.01)

CPC (source: EP)

C10L 1/146 (2013.01); **C10L 1/1963** (2013.01); **C10L 1/2383** (2013.01); **C10L 1/2493** (2013.01)

Cited by

EP1621600A3; CN113429560A; EP1752513A3; US7776111B2; US8133852B2; US8283298B2

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