

Title (en)  
Improvements in Fuel Oils

Title (de)  
Verbesserungen in Brennölen.

Title (fr)  
Améliorations dans les huiles combustibles.

Publication  
**EP 1640438 B1 20170830 (EN)**

Application  
**EP 05106714 A 20050721**

Priority  
• EP 04255672 A 20040917  
• EP 05106714 A 20050721

Abstract (en)  
[origin: EP1640438A1] The use of an additive composition to improve the conductivity of a fuel oil. The additive composition comprises a polymeric condensation product formed by the reaction of an aliphatic aldehyde or ketone, or a reactive equivalent, with at least one ester of p-hydroxybenzoic acid.

IPC 8 full level  
**C10L 1/14** (2006.01)

CPC (source: EP)  
**C10L 1/143** (2013.01); **C10L 1/1905** (2013.01); **C10L 1/1981** (2013.01); **C10L 1/1641** (2013.01); **C10L 1/1658** (2013.01); **C10L 1/191** (2013.01); **C10L 1/195** (2013.01); **C10L 1/1963** (2013.01); **C10L 1/1985** (2013.01); **C10L 1/2225** (2013.01); **C10L 1/224** (2013.01); **C10L 1/2364** (2013.01); **C10L 1/2366** (2013.01); **C10L 1/238** (2013.01); **C10L 1/2616** (2013.01); **C10L 1/2683** (2013.01)

Cited by  
EP1749873A3; EP1942175A1; EP3093333A1; US7713315B2; US10294437B2; US8133852B2; US8876921B2; US8283298B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1640438 A1 20060329; EP 1640438 B1 20170830**

DOCDB simple family (application)  
**EP 05106714 A 20050721**