

Title (en)

Diesel fuel additive compositions for prolonged antistatic performance

Title (de)

Additivzusammensetzungen für Dieseldieselkraftstoffe mit verlängerten antistatischen Eigenschaften

Title (fr)

Compositions d'additifs de carburant diesel pour la performance antistatique prolongée

Publication

**EP 2042584 A2 20090401 (EN)**

Application

**EP 08160792 A 20080721**

Priority

US 86066407 A 20070925

Abstract (en)

An additive composition comprising at least one antistatic agent; and a strong acid, wherein the at least one antistatic agent and the strong acid are present in the additive composition in a ratio of from about 1:0.05 to about 1:1 is disclosed. There is also disclosed a fuel composition comprising a middle distillate fuel and the additive composition. Methods of making and using the compositions are also disclosed. Further, methods of improving and/or prolonging the conductivity of a fuel are disclosed.

IPC 8 full level

**C10L 1/222** (2006.01); **C10L 1/238** (2006.01); **C10L 1/2383** (2006.01); **C10L 1/2387** (2006.01); **C10L 1/24** (2006.01); **C10L 10/00** (2006.01)

CPC (source: EP US)

**C10L 1/143** (2013.01 - EP US); **C10L 1/1616** (2013.01 - EP US); **C10L 1/191** (2013.01 - EP US); **C10L 1/1973** (2013.01 - EP US); **C10L 1/2222** (2013.01 - EP US); **C10L 1/238** (2013.01 - EP US); **C10L 1/2383** (2013.01 - EP US); **C10L 1/2387** (2013.01 - EP US); **C10L 1/2437** (2013.01 - EP US); **C10L 1/2475** (2013.01 - EP US)

Citation (applicant)

"Encyclopedia of Polymer Science and Technology", vol. 9, INTERSCIENCE PUBLISHERS, pages: 460

Citation (examination)

ANONYMOUS: "Stadis 425 Conductivity Improver Material Safety Data Sheet", 18 August 2006 (2006-08-18), XP055160927, Retrieved from the Internet <URL:http://www.sfm.state.or.us/CR2K\_SubDB/MSDS/STADIS\_425.PDF> [retrieved on 20150109]

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CN103275771A; WO2013007994A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2042584 A2 20090401**; **EP 2042584 A3 20120125**; US 2009077869 A1 20090326

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