

Title (en)

VISCOSITY INDEX IMPROVERS IN FUEL COMPOSITIONS

Title (de)

VISKOSITÄTSINDEXVERBESSERER FÜR KRAFTSTOFFZUSAMMENSETZUNGEN

Title (fr)

DISPOSITIF D'AMÉLIORATION DE L'INDICE DE VISCOSITÉ DANS DES COMPOSITIONS DE CARBURANT

Publication

**EP 3078728 A1 20161012 (EN)**

Application

**EP 15162647 A 20150407**

Priority

EP 15162647 A 20150407

Abstract (en)

A fuel additive composition is provided comprising a viscosity index improver (VII) polymer component, wherein the VII polymer is comprised predominantly within a solid particulate phase; and a liquid phase component. The additive demonstrates lower viscosity and can be added to fuel compositions, especially diesel, without significantly altering the overall characteristics of the fuel blend. Fuels comprising the additive composition demonstrate improved performance. Methods of using and making the fuel additive compositions are also provided.

IPC 8 full level

**C10L 1/16** (2006.01); **C10L 10/00** (2006.01)

CPC (source: EP)

**C10L 1/1633** (2013.01); **C10L 1/165** (2013.01); **C10L 1/1658** (2013.01); **C10L 10/00** (2013.01); **C10L 1/1641** (2013.01)

Citation (applicant)

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- GB 2077289 B 19830602 - SHELL INT RESEARCH
- EP 0147873 A1 19850710 - SHELL INT RESEARCH [NL]
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- US 4478955 A 19841023 - PESA FREDERICK A [US], et al
- WO 2013009553 A2 20130117 - BAKER HUGHES INC [US], et al
- "Kirk-Othmer Encyclopedia of Chemical Technology", 2005, WILEY, JOHN & SONS, INC
- VAN DER BURGT ET AL.: "5th Synfuels Worldwide Symposium", November 1985, SHELL INTERNATIONAL PETROLEUM COMPANY LTD

Citation (search report)

- [X] EP 2248874 A1 20101110 - GTAT LLC [US]
- [X] US 4985505 A 19910115 - GUNESIN BINNUR Z [US], et al
- [I] US 2009241882 A1 20091001 - BRUNNER ANDREAS HUGO [DE], et al

Designated contracting state (EPC)

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

Designated extension state (EPC)

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