

Title (en)

COLD FLOW IMPROVEMENT OF DISTILLATE FUELS USING ALPHA-OLEFIN COMPOSITIONS

Title (de)

KALTFLUSSVERBESSERUNG VON DESTILLATBRENNSTOFFEN MIT ALPHA-OLEFIN-ZUSAMMENSETZUNGEN

Title (fr)

AMÉLIORATION D'ÉCOULEMENT À FROID DE CARBURANTS DE DISTILLAT À L'AIDE DE COMPOSITIONS D'ALPHA-OLÉFINE

Publication

**EP 2825620 A1 20150121 (EN)**

Application

**EP 13761651 A 20130307**

Priority

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- US 201313786674 A 20130306
- US 2013029586 W 20130307

Abstract (en)

[origin: US2013239465A1] The cold flow of middle distillate fuels may be improved by adding an effective improving amount of one or more alpha-olefin compositions. The compositions include, but are not necessarily limited to, polymers of alpha-olefins per se, copolymerized or grafted alpha-olefins with maleic anhydride, acrylic acid, vinyl acetate, alkyl acrylates, methacrylic acid, and/or alkyl methacrylates. These resulting copolymers or grafted polymers may be blended with alkylphenol-formaldehyde resins, which in turn may be blended with ethylene-vinyl acetate (EVA) copolymer. In a non-limiting example, the cold filter plugging point (CFPP) may be synergistically improved as compared with the expected additive effect of using the components separately.

IPC 8 full level

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CPC (source: EP US)

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