

Title (en)

TERPOLYMER AND USE THEREOF TO IMPROVE THE LOW-TEMPERATURE FLOW PROPERTIES OF MIDDLE-DISTILLATE FUELS

Title (de)

TERPOLYMERISAT UND SEINE VERWENDUNG ZUR VERBESSERUNG DER KALTFLIEßEIGENSCHAFTEN VON MITTELDESTILLAT-KRAFTSTOFFEN

Title (fr)

TERPOLYMÈRE ET SON UTILISATION POUR AMÉLIORER LES PROPRIÉTÉS D'ÉCOULEMENT À FROID DE CARBURANTS DE DISTILLAT MOYEN

Publication

EP 2566899 A1 20130313 (DE)

Application

EP 11716967 A 20110505

Priority

- EP 10162333 A 20100507
- EP 2011057214 W 20110505
- EP 11716967 A 20110505

Abstract (en)

[origin: WO2011138400A1] Terpolymer made of (A) ethylene, (B) (i) C2- to C14-alkenyl esters of one or more aliphatic C1- to C20-monocarboxylic acids or (ii) C1- to C24-alkyl esters of acrylic acid or methacrylic acid and (C) olefinically unsaturated hydrocarbons selected from (iii) 5- to 7-membered cycloalkenes and (iv) α-olefins having from 6 to 20 carbon atoms. The said terpolymer is suitable as low-temperature flow improver in middle-distillate fuels. It lowers the minimum temperature at which low-temperature flow improver additives can be mixed into middle-distillate fuels, and improves the filterability of middle-distillate fuels comprising low-temperature flow improver additives.

IPC 8 full level

C08F 210/02 (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP KR)

C08F 210/02 (2013.01 - EP KR); **C08F 210/16** (2013.01 - KR); **C08F 220/10** (2013.01 - KR); **C10L 1/18** (2013.01 - KR); **C10L 1/1963** (2013.01 - EP); **C10L 1/1973** (2013.01 - EP); **C10L 10/14** (2013.01 - EP)

Citation (search report)

See references of WO 2011138400A1

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