

Title (en)  
USE OF MIXTURES OF MONOCARBOXYLIC ACIDS AND POLYCYCLIC HYDROCARBON COMPOUNDS FOR IMPROVING THE STORAGE STABILITY OF FUEL ADDITIVE CONCENTRATES

Title (de)  
VERWENDUNG VON MISCHUNGEN AUS MONOCARBONSÄUREN UND POLYCYCLISCHEN KOHLENWASSERSTOFFVERBINDUNGEN ZUR VERBESSERUNG DER LAGERSTABILITÄT VON KRAFTSTOFFADDITIV-KONZENTRATEN

Title (fr)  
UTILISATION DE MÉLANGES D'ACIDES MONOCARBOXYLIQUES ET DE COMPOSÉS D'HYDROCARBURES POLYCYCLIQUES POUR AMÉLIORER LA STABILITÉ AU STOCKAGE DE CONCENTRÉS D'ADDITIFS DE CARBURANTS

Publication  
**EP 1979445 A1 20081015 (DE)**

Application  
**EP 07703779 A 20070111**

Priority  
• EP 2007050234 W 20070111  
• EP 06100505 A 20060118  
• EP 07703779 A 20070111

Abstract (en)  
[origin: WO2007082825A1] The invention relates to the use of mixtures of: A) aliphatic saturated or unsaturated monocarboxylic acids with 12 to 24 carbon atoms or the dimerised or trimerised products, ammonium salts, amides, esters or nitriles thereof and B) polycyclic hydrocarbon compounds made from distillation residues of natural oils extracted from tree resins, for improving the storage stability of fuel additive concentrates comprising at least one detergent and at least one cetane number improver, wherein said mixtures are applied with a concentration of 0.7 to 20 wt. %, relative to the total amount of fuel additive concentrate.

IPC 8 full level  
**C10L 1/188** (2006.01); **C10L 1/19** (2006.01); **C10L 1/224** (2006.01); **C10L 1/228** (2006.01); **C10L 1/23** (2006.01); **C10L 10/00** (2006.01)

CPC (source: EP KR US)  
**C10L 1/14** (2013.01 - EP US); **C10L 1/1883** (2013.01 - KR); **C10L 1/1885** (2013.01 - KR); **C10L 1/1888** (2013.01 - KR); **C10L 1/1905** (2013.01 - KR); **C10L 1/224** (2013.01 - KR); **C10L 1/2286** (2013.01 - KR); **C10L 1/231** (2013.01 - KR); **C10L 1/2383** (2013.01 - KR); **C10L 10/12** (2013.01 - EP KR US); **C10L 10/18** (2013.01 - EP US); **C10L 1/1881** (2013.01 - EP US); **C10L 1/1883** (2013.01 - EP US); **C10L 1/1885** (2013.01 - EP US); **C10L 1/1888** (2013.01 - EP US); **C10L 1/19** (2013.01 - EP US); **C10L 1/1905** (2013.01 - EP US); **C10L 1/198** (2013.01 - EP US); **C10L 1/224** (2013.01 - EP US); **C10L 1/2286** (2013.01 - EP US); **C10L 1/231** (2013.01 - EP US); **C10L 1/2383** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007082825A1

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)  
**WO 2007082825 A1 20070726**; AR 059052 A1 20080312; AU 2007206982 A1 20070726; AU 2007206982 B2 20110714; BR PI0706618 A2 20110405; CA 2640295 A1 20070726; CA 2640295 C 20140715; CN 101370916 A 20090218; CN 101370916 B 20121107; EP 1979445 A1 20081015; JP 2009523873 A 20090625; KR 20080089450 A 20081006; NO 20082961 L 20081017; US 2009165364 A1 20090702

DOCDB simple family (application)  
**EP 2007050234 W 20070111**; AR P070100197 A 20070117; AU 2007206982 A 20070111; BR PI0706618 A 20070111; CA 2640295 A 20070111; CN 200780002612 A 20070111; EP 07703779 A 20070111; JP 2008550722 A 20070111; KR 20087018376 A 20080725; NO 20082961 A 20080704; US 15999107 A 20070111