

Title (en)

USE OF HOMOPOLYMERS OF HYDROCARBYL VINYLEETHERS FOR INCREASING THE EFFECT OF COLD FLOW IMPROVERS

Title (de)

VERWENDUNG VON HYDROCARBYLVINYLETHERHOMOPOLYMEREN ZUR VERBESSERUNG DER WIRKUNG VON KALTFLIESSVERBESSERERN

Title (fr)

UTILISATION D'HOMOPOLYMÈRES D' ÉTHER VINYLIQUE HYDROCARBYLE POUR AMÉLIORER L'EFFET DE PROMOTEURS D' ÉCOULEMENT À FROID

Publication

EP 1554365 B1 20090429 (DE)

Application

EP 03748128 A 20031013

Priority

- DE 10247795 A 20021014
- EP 0311309 W 20031013

Abstract (en)

[origin: WO2004035715A1] The invention relates to the use of ether vinyl hydrocarbyl homopolymers for increasing the effect of a cold flow improving agent with respect to combustible compounds and the use of an additive containing the same type polymer and an ordinary agent improving the cold flow in order to reduce the CFPP value(maximum temperature value of a gas oil filterability), thereby eventually reducing the CFPP 2 value and/or a suction value of a combustible compound.

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **C10L 1/22** (2006.01); **C10L 1/24** (2006.01)

CPC (source: EP KR)

C10L 1/143 (2013.01 - EP KR); **C10L 1/1616** (2013.01 - KR); **C10L 1/1852** (2013.01 - KR); **C10L 1/1955** (2013.01 - KR); **C10L 1/1963** (2013.01 - KR); **C10L 1/1973** (2013.01 - KR); **C10L 1/1985** (2013.01 - KR); **C10L 1/224** (2013.01 - KR); **C10L 1/2364** (2013.01 - KR); **C10L 1/1616** (2013.01 - EP); **C10L 1/1852** (2013.01 - EP); **C10L 1/1955** (2013.01 - EP); **C10L 1/196** (2013.01 - EP); **C10L 1/1963** (2013.01 - EP); **C10L 1/197** (2013.01 - EP); **C10L 1/1973** (2013.01 - EP); **C10L 1/1985** (2013.01 - EP); **C10L 1/224** (2013.01 - EP); **C10L 1/2364** (2013.01 - EP); **C10L 1/2366** (2013.01 - EP); **C10L 1/2437** (2013.01 - EP); **C10L 1/2468** (2013.01 - EP)

Cited by

WO2024115211A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004035715 A1 20040429; AT E430186 T1 20090515; AU 2003267442 A1 20040504; CN 1705734 A 20051207; CN 1705734 B 20110727; DE 10247795 A1 20040422; DE 50311484 D1 20090610; EP 1554365 A1 20050720; EP 1554365 B1 20090429; ES 2323686 T3 20090723; KR 101092726 B1 20111209; KR 20050061537 A 20050622

DOCDB simple family (application)

EP 0311309 W 20031013; AT 03748128 T 20031013; AU 2003267442 A 20031013; CN 200380101356 A 20031013; DE 10247795 A 20021014; DE 50311484 T 20031013; EP 03748128 A 20031013; ES 03748128 T 20031013; KR 20057006448 A 20031013