

Title (en)

USE OF COPOLYMERS TO IMPROVE THE PROPERTIES OF FUELS WHEN COLD

Title (de)

VERWENDUNG VON COPOLYMEREN ZUR VERBESSERUNG DER EIGENSCHAFTEN VON KALTEN BRENNSTOFFEN

Title (fr)

UTILISATION DE COPOLYMERES POUR AMELIORER LES PROPRIETES A FROID DE CARBURANTS OU COMBUSTIBLES

Publication

**EP 3487962 A1 20190529 (FR)**

Application

**EP 17751441 A 20170720**

Priority

- FR 1656976 A 20160721
- FR 2017051977 W 20170720

Abstract (en)

[origin: WO2018015667A1] The invention relates to the use of copolymers and additive concentrates containing such copolymers to improve the low-temperature properties of fuels, also referred to as cold-resistance properties, in particular the flow properties thereof during storage and/or use at low temperature. The invention also relates to the use of copolymers as an anti-sedimentation additive and the use of copolymers to expand the flow improving effect of the cold flow improver (CFI) by raising the cold filter plugging point (CFFP) of the fuel.

IPC 8 full level

**C10L 1/195** (2006.01); **C10L 1/236** (2006.01); **C10L 10/16** (2006.01)

CPC (source: EP)

**C10L 1/165** (2013.01); **C10L 1/195** (2013.01); **C10L 1/1955** (2013.01); **C10L 1/1973** (2013.01); **C10L 1/236** (2013.01); **C10L 1/2364** (2013.01); **C10L 1/2366** (2013.01); **C10L 10/14** (2013.01); **C10L 10/16** (2013.01)

Citation (search report)

See references of WO 2018015667A1

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)

BA ME

DOCDB simple family (publication)

**WO 2018015667 A1 20180125**; EP 3487962 A1 20190529; FR 3054240 A1 20180126; FR 3054240 B1 20180817

DOCDB simple family (application)

**FR 2017051977 W 20170720**; EP 17751441 A 20170720; FR 1656976 A 20160721